

**State of California
Department of Consumer Affairs**

July 2026

**DIRECTORY OF
CERTIFIED
INSULATION
MATERIALS**



**Sorted By
TYPE
and
MANUFACTURER**

Bureau of Household Goods And Services

Gavin Newsom, Governor
State of California

Christine Lally, Acting Director
Department of Consumer Affairs

Claire Goldstene, Deputy Bureau Chief
Bureau of Household Goods and Services
bhgs.dca.ca.gov

FOREWORD

California law states that every insulation manufacturer who sells insulation material in California shall hold an insulation manufacturing license issued by the California Department of Consumer Affairs' Bureau of Household Goods and Services (California Business & Professions Code Section (BPC) § 19059.7). In addition, the law states that all insulation sold and installed in California must be certified to be in compliance with California insulation quality standards (BPC § 19165).

The current standards cover 11 types of insulation frequently used in the ceilings, walls, and floors of homes and buildings. Insulation must meet standards for resistance to heat flow (R-value), fire safety, corrosion and fungi resistance; for changes in size, odor, pliability, settling, bond strength and deflection; and for separation by air movement, when appropriate. California law (BPC § 19165) mandates that the Bureau of Household Goods and Services periodically publish and update a DIRECTORY OF CERTIFIED INSULATION MATERIALS, which lists insulation materials certified by the bureau, on the basis of approved laboratory tests, that are in compliance with state law. This directory of insulation materials describes the material and its application, and states the R-value of the material. Although the directory is intended to include all certified material, some materials may have been certified or decertified after the directory was published. The Bureau of Household Goods and Services maintains an up-to-date list of certified insulation materials.

The primary function of the Bureau's quality standards program is to protect consumers by ensuring that:

- claims for product efficiency, properties, and performance are accurate;
- insulation materials are truthfully labeled;
- insulation materials are fire-retardant and safe to use; and
- only certified insulation is sold or installed in California.

If you have any complaints or concerns, please contact the Bureau of Household Goods and Services at (916) 999-2041 or you may e-mail us at: BHGS,Directory@dca.ca.gov.

The bureau inspects the products of manufacturers, distributors, installers, and retailers to determine their compliance with the insulation quality standards. The bureau also conducts independent performance tests of insulation materials sold in the state to assure continued compliance with the quality standards.

INTRODUCTION

This directory identifies insulation materials that have been certified as complying with the regulations enforced by the Bureau.

REGULATIONS

The text of the regulations can be found in the California Code of Regulations, Title 24, Part 12, Chapter 12-13. All manufacturers of insulation materials covered by these regulations that have not been certified as complying with the standards, may not market their materials for installation in California. Any person selling uncertified insulation for installation in California violates state law.

RECENT CERTIFICATIONS

To determine if an insulation material has been certified or decertified after this directory was published, contact the Bureau of Household Goods and Services (BHGS) at (916) 999-2041 or you may e-mail us at homeproducts@dca.ca.gov. Mailing address: 4244 South Market Court, Suite D, Sacramento, CA 95834-1243.

OBTAINING DOCUMENTS

Copies of the directory and current regulations are available online from the following links:

Link to directory:

https://bhgs.dca.ca.gov/consumers/ti_directory.pdf

Insulation laws and regulations:

https://bhgs.dca.ca.gov/laws/insulation_regs.pdf

The regulations are also available on the Building Standards Commission's website at:

<https://www.dgs.ca.gov/BSC/Codes>

EXPLANATION OF INFORMATION IN THE DIRECTORY

The following information is included in this directory:

1. Form

Insulation materials are divided into six physical forms: blanket, board, foil, foam and spray, rigid stock, and loose fill. The kind of insulating material marketed in each form is also indicated.

2. Manufacturer and Brand Name

Under each form and kind of insulating material, products are listed in alphabetical order by manufacturer and brand name.

3. Material, Type, Facings

Products are then listed by material and by construction type (whether the product is all one material or contains two or more materials). If a facing is attached to the material, the type of facing is indicated.

4. Primary Use, Usage Exposure, Vapor Barrier

The primary (most frequent) use of the products is stated by the manufacturer. If a product is designed to be fire-resistant when the product is left uncovered, this is indicated in the "Designed for Exposed Applications?" column. If a product is designed to resist moisture, this is indicated in the "Acts as vapor barrier?" column.

5. Labeled Product Thickness

Labeled product thickness is given in decimal inches for boards, battings, and blankets. Manufacturers producing insulation products with the same identification and description in increments of thickness of at least 1/4 inch may also produce thicknesses less than 1/4 inch, on special order, as products certified by the Bureau.

6. Labeled Thermal Performance

The thermal performance, as labeled on the product and supported by test results, and any lowered R-value, is stated. Thermal performance of building insulations is stated in R-value. Other insulations use K-, C-, or R-values, as appropriate. For loose-fill insulation, spray-applied insulation, field-applied foam, and foam block, thermal performance is shown per inch.

R-value is a measure of insulation effectiveness. The higher the R-value, the higher the insulation effectiveness. R-value also represents resistance to heat flow and can be expressed mathematically as the reciprocal of the U-value. The U-value is the amount of heat in BTUs which moves through a square foot of material for each degree F of temperature difference.

K-value, or conductivity, is the U-value of a material per inch.

C-value, or conductance, is the U-value of the entire thickness of the material.

BTU means British Thermal Unit; a unit of heat equal to the amount of heat required to raise one pound of water one-degree Fahrenheit at one atmosphere pressure or the approximate amount of heat given off by the burning of a wooden match.

INSTRUCTIONS

This directory is formatted to be able to find a product directly by Manufacturer name and product type.

Click on the Red Tab labeled MFG List to identify the manufacturer and product category (if more than one product), then click on the Manufacturer and the link will take you to the top of the listing for that product under that category.

If you choose to go to a particular type of Insulation (e.g., Blanket, Board), the Manufacturers and products are listed in product type order, then Manufacturer's name order. You can use the 'Find' function of Excel (CTRL-F) to navigate to certain information. Tabs are located at the bottom of the Workbook for each type of Insulation, click on the appropriate tab for the type of insulation you wish to review.

The Brand Code for each Manufacturer is listed on the left of the spreadsheet. Moving the cursor over the brand code brings up a comment box that gives you the full brand code name.

If you have any questions about using this directory, please contact the Bureau of Household Goods and Services at (916) 999-2041 or you may e-mail us at:
BHGS.Directory@dca.ca.gov.

Manufacturer	Insulation Type	License Number
Amrize Building Envelope LLC	Polyisocyanurate Board	T 1545
Amrize Building Envelope LLC	Polyurethane Spray or Field Applied	T 1558
Applegate Greenfiber Aquisition, LLC	Cellulose Fiber Loose Fill	T 1548
Applegate Greenfiber Aquisition, LLC	Cellulose Fiber Spray or Field Applied	T 1548
Atlas Molded Products	Polystyrene Board	T 1472
Atlas Roofing Corporation	Polyisocyanurate Board	T 1231
BASF Corporation	Polystyrene Board	T 1533
BASF Corporation	Polyurethane Spray or Field Applied	T 1153
BASF Corporation (Spray-Applied PUF)	Polyurethane Spray or Field Applied	T 1423
Carlisle Coatings and Waterproofing	Polyisocyanurate Board	T 1501
Carlisle Spray Foam Insulation	Polyurethane Spray or Field Applied	T 1513
Carlisle Syntec Inc	Polyisocyanurate Board	T 1418
Certainteed Corporation	Mineral Fiber Blanket	T 1023
Certainteed Corporation	Mineral Fiber Board	T 1023
Certainteed Corporation	Mineral Fiber Loose Fill	T 1023
Certainteed Corporation	Mineral Fiber Water Heater Kits, Duct & Pipe Wrap	T 1023
Coverttech Flexible Packaging A Division of Balcan Innovation Inc	Reflective Foil	T 1354
Coverttech Flexible Packaging A Division of Balcan Innovation Inc	Radiant Barrier	T 1354
Creative Polymer Solutions, LLC.	Polyurethane Spray or Field Applied	T 1549
DAP Global Inc.	Polyurethane Spray or Field Applied	T 1343
Duna USA Inc.	Polyisocyanurate Rigid Stock	T 1476
DuPont de Nemours	Polyisocyanurate Board	T 1534
DuPont de Nemours	Polystyrene Board	T 1535
DuPont de Nemours	Polystyrene Rigid Stock	T 1535
DuPont de Nemours	Polyurethane Spray or Field Applied	T 1536
Dynamo Polyurethane Systems LLC	Polyurethane Spray or Field Applied	T 1572
Environmentally Safe Products Inc.	Reflective Foil	T 1281
Everest Systems, LLC	Polyurethane Spray or Field Applied	T 1565
Fi-Foil Company Inc.	Reflective Foil	T 1390

Manufacturer	Insulation Type	License Number
Fi-Foil Company Inc.	Radiant Barrier	T 1390
Firestable Insulation Company	Polyurethane Spray or Field Applied	T 1560
Franklin International	Polyurethane Spray or Field Applied	T 1525
GAF Materials Corp	Polyisocyanurate Board	T 1454
General Coatings Manufacturing Corporation	Polyurethane Spray or Field Applied	T 1491
Green Valley Products, LLC	Polyurethane Spray or Field Applied	T 1566
Henry A Carlisle Company	Cellulose Fiber Blanket	T 1554
Henry A Carlisle Company	Polyurethane Spray or Field Applied	T 1228
Hunter Panels	Polyisocyanurate Board	T 1420
Huntsman Building Solutions USA LLC	Polyurethane Spray or Field Applied	T 1499
ICC Acquisitions Corporation	Cellulose Fiber Spray or Field Applied	T 1551
ICP Building Solutions Group	Polyurethane Spray or Field Applied	T 1540
Innovative Insulation Inc.	Reflective Foil	T 1408
Innovative Insulation Inc.	Radiant Barrier	T 1408
Insulfoam	Polystyrene Board	T 1482
Insul-Quilts, Inc.	Mineral Fiber Blanket	T 1175
Insul-Quilts, Inc.	Radiant Barrier	T 1522
Insul-Therm International Inc.	Mineral Fiber Blanket	T 1245
International Insulation Products	Radiant Barrier	T 1512
International Insulation Products	Reflective Foil	T 1512
Johns Manville	Polyisocyanurate Rigid Stock	T 1341
Johns Manville	Mineral Aggregate Board	T 1288
Johns Manville	Mineral Fiber Blanket	T 1039
Johns Manville	Mineral Fiber Board	T 1039
Johns Manville	Mineral Fiber Loose Fill	T 1039
Johns Manville	Mineral Fiber Spray or Field Applied	T 1039
Johns Manville	Mineral Fiber Water Heater Kits, Duct & Pipe Wrap	T 1039
Johns Manville	Polyisocyanurate Board	T 1341
Johns Manville	Polyisocyanurate Water Heater Kits, Duct & Pipe Wrap	T 1341

Manufacturer	Insulation Type	License Number
Johns Manville	Polyurethane Spray or Field Applied	T 1468
Kingspan Insulation LLC	Polystyrene Board	T 1506
Kingspan Insulation LLC	Polyisocyanurate Board	T 1538
Kingspan Insulation LLC	Polyisocyanurate Rigid Stock	T 1538
Knauf Insulation	Mineral Fiber Blanket	T 1002
Knauf Insulation	Mineral Fiber Board	T 1002
Knauf Insulation	Mineral Fiber Loose Fill	T 1002
Knauf Insulation	Mineral Fiber Water Heater Kits, Duct & Pipe Wrap	T 1002
Lamtec Corporation	Radiant Barrier	T 1489
M-D Building Products Inc.	Mineral Fiber Water Heater Kits, Duct & Pipe Wrap	T 1120
M-D Building Products Inc.	Reflective Foil	T 1120
Mountain Fiber Insulation Inc.	Cellulose Fiber Loose Fill	T 1405
Mountain Fiber Insulation Inc.	Cellulose Fiber Spray or Field Applied	T 1405
Natural Polymers LLC	Polyurethane Spray or Field Applied	T 1539
NCFI Polyurethanes	Polyurethane Spray or Field Applied	T 1401
Owens Corning Foam Insulation LLC	Polystyrene Board	T 1427
Owens Corning Insulating Systems LLC	Mineral Fiber Blanket	T 1428
Owens Corning Insulating Systems LLC	Mineral Fiber Board	T 1428
Owens Corning Insulating Systems LLC	Mineral Fiber Loose Fill	T 1428
Owens Corning Insulating Systems LLC	Mineral Fiber Water Heater Kits, Duct & Pipe Wrap	T 1428
Pittsburgh Corning Corporation	Cellular Glass Board	T 1036
Poliestireno Alfa Gamma S.A. de C.V.	Polystyrene Board	T 1470
Polyglass USA	Polyisocyanurate Board	T 1529
Polyglass USA	Polyurethane Spray or Field Applied	T 1529
Premier Building Systems	Polystyrene Board	T 1563
Quadrant Performance Materials, LLC	Polyurethane Spray or Field Applied	T 1553
Radiant Barrier USA	Radiant Barrier	T 1564
Reflectix, Inc.	Reflective Foil	T 1543
Resisto	Reflective Foil	T 1469

Manufacturer	Insulation Type	License Number
Rhino Linings Corporation	Polyurethane Spray or Field Applied	T 1490
RMAX	Polyisocyanurate Board	T 1523
Rockwool	Mineral Fiber Blanket	T 1360
Rockwool	Mineral Fiber Board	T 1360
Service Partners LLC	Radiant Barrier	T 1516
Silvercote	Mineral Fiber Blanket	T 1557
Silvercote	Mineral Fiber Water Heater Kits, Duct & Pipe Wrap	T 1557
Siplast Inc.	Polystyrene Board	T 1320
Soudal Accumetric	Polyurethane Spray or Field Applied	T 1542
SWD Urethane Company	Polyurethane Spray or Field Applied	T 1031
Thermafiber Inc.	Mineral Fiber Board	T 1437
Tiger Foam Insulation	Polyurethane Spray or Field Applied	T 1528
Ultratite Solutions, LLC	Polyurethane Spray or Field Applied	T 1552
Versico Inc.	Polyisocyanurate Board	T 1419

BHGS - THERMAL INSULATION DIRECTORY
BLANKET INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
Cellulose Fiber Blanket										
Henry A Carlisle Company - T 1554						Updated 12/01/2025				
UTT	ULTRATOUCHR13	CELLULOSE	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	3.50	13.00	R
UTT	ULTRATOUCHR19	CELLULOSE	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	5.50	19.00	R

* DESCRIPTION OF BRAND CODES:
 UTT = ULTRATOUCH

Mineral Fiber Blanket										
Certainteed Corporation - T 1023						Updated 12/22/2025				
CT	ACOUSTABLANKET	FIBERGLASS	SINGLE MATERIAL	OTHER	CLG WALL	YES	NO	1.00	4.20	R
CT	ACOUSTABLANKET	FIBERGLASS	SINGLE MATERIAL	OTHER	CLG WALL	YES	NO	1.50	6.30	R
CT	ACOUSTABLANKET	FIBERGLASS	SINGLE MATERIAL	OTHER	CLG WALL	YES	NO	2.00	8.30	R
CT	METAL BUILDING INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	NO	2.00	6.00	R
CT	METAL BUILDING INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	NO	2.50	8.00	R
CT	METAL BUILDING INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	NO	3.40	10.00	R
CT	METAL BUILDING INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	NO	3.50	12.00	R
CT	METAL BUILDING INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	NO	3.70	11.00	R
CT	METAL BUILDING INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	NO	4.30	13.00	R
CT	METAL BUILDING INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	NO	5.25	16.00	R
CT	METAL BUILDING INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	NO	6.30	19.00	R
CT	METAL BUILDING INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	NO	6.75	20.00	R
CT	METAL BUILDING INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	NO	6.75	21.00	R
CT	METAL BUILDING INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	NO	8.00	25.00	R
CT	METAL BUILDING INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	NO	9.25	30.00	R
CT	SPEEDY R BATTS	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	WALL	NO	YES	3.50	13.00	R
CT	SPEEDY R BATTS	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	WALL	NO	YES	3.50	15.00	R
CT	SPEEDY R BATTS	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	WALL	NO	YES	5.50	21.00	R
CT	SPEEDY R BATTS	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	WALL	NO	YES	6.25	19.00	R
CT	SPEEDY R BATTS	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	WALL	NO	YES	5.50	23.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES	3.50	11.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES	3.50	13.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES	6.25	19.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES	10.00	30.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES	12.00	38.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	2.50	8.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	3.50	11.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	3.50	13.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	3.50	15.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	6.25	19.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	5.50	20.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	5.50	21.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	6.50	22.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	5.50	23.00	R

BHGS - THERMAL INSULATION DIRECTORY
BLANKET INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
CT	SUSTAINABLE INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	8.00	25.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	8.25	30.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	10.00	30.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	10.25	38.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	12.00	38.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	15.00	49.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CLG WALL FLR	NO	YES	3.50	11.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CLG WALL FLR	NO	YES	3.50	13.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CLG WALL FLR	NO	YES	3.50	15.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CLG WALL FLR	NO	YES	5.50	20.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CLG WALL FLR	NO	YES	5.50	21.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CLG WALL FLR	NO	YES	6.25	19.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CLG WALL FLR	NO	YES	5.50	23.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CLG WALL FLR	NO	YES	6.50	22.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CLG WALL FLR	NO	YES	8.00	25.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CLG WALL FLR	NO	YES	8.25	30.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CLG WALL FLR	NO	YES	10.00	30.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CLG WALL FLR	NO	YES	10.25	38.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CLG WALL FLR	NO	YES	12.00	38.00	R
CT	SUSTAINABLE INSULATION	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CLG WALL FLR	YES	NO	15.00	49.00	R
CT	SUSTAINABLE INSULATION CERTAPRO	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL	YES	NO	2.50	8.00	R
CT	SUSTAINABLE INSULATION CERTAPRO	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL	YES	NO	3.50	11.00	R
CT	SUSTAINABLE INSULATION CERTAPRO	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL	YES	NO	6.25	19.00	R
CT	SUSTAINABLE INSULATION CERTAPRO	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL	YES	NO	10.00	30.00	R
CT	SUSTAINABLE INSULATION CERTAPRO FSK	FIBERGLASS	FSK FACED SGL MATERIAL	METAL	CLG WALL	YES	YES	6.25	19.00	R
CT	SUSTAINABLE INSULATION CERTAPRO FSK	FIBERGLASS	FSK FACED SGL MATERIAL	METAL	CLG WALL	YES	YES	10.00	30.00	R
CT	SUSTAINABLE INSULATION CERTAPRO FSK	FIBERGLASS	FSK FACED SGL MATERIAL	METAL	CLG WALL	YES	YES	12.00	38.00	R
CT	SUSTAINABLE INSULATION CERTAPRO KRAFT	FIBERGLASS	KRAFT FCD SGL MATERIAL	PAPER	CLG WALL	NO	NO	3.50	11.00	R
CT	SUSTAINABLE INSULATION CERTAPRO KRAFT	FIBERGLASS	KRAFT FCD SGL MATERIAL	PAPER	CLG WALL	NO	YES	6.25	19.00	R
CT	SUSTAINABLE INSULATION CERTAPRO KRAFT	FIBERGLASS	KRAFT FCD SGL MATERIAL	PAPER	CLG WALL	NO	YES	3.50	11.00	R
CT	SUSTAINABLE INSULATION CERTAPRO KRAFT	FIBERGLASS	KRAFT FCD SGL MATERIAL	PAPER	CLG WALL	NO	YES	6.25	19.00	R
CT	SUSTAINABLE INSULATION FSK	FIBERGLASS	FSK FACED SGL MATERIAL	METAL	CLG WALL	YES	YES	3.50	11.00	R
CT	SUSTAINABLE INSULATION FSK	FIBERGLASS	FSK FACED SGL MATERIAL	METAL	CLG WALL	YES	YES	3.50	13.00	R
CT	UNIVERSAL BLANKET-1001	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.00	0.26	K
CT	UNIVERSAL BLANKET-1001	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.50	0.26	K
CT	UNIVERSAL BLANKET-1001	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.00	0.26	K
CT	UNIVERSAL BLANKET-1001	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	3.00	0.26	K
CT	UNIVERSAL BLANKET-1001	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	4.00	0.26	K
CT	UNIVERSAL BLANKET-1501	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.00	0.24	K
CT	UNIVERSAL BLANKET-1501	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.50	0.24	K
CT	UNIVERSAL BLANKET-2001	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.00	0.23	K
CT	UNIVERSAL BLANKET-501	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.50	0.32	K
CT	UNIVERSAL BLANKET-501	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.00	0.32	K
CT	UNIVERSAL BLANKET-501	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	3.00	0.32	K
CT	UNIVERSAL BLANKET-501	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	4.00	0.32	K

BHGS - THERMAL INSULATION DIRECTORY
BLANKET INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
CT	UNIVERSAL BLANKET-751	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.50	0.29	K
CT	UNIVERSAL BLANKET-751	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.00	0.29	K
CT	UNIVERSAL BLANKET-751	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	3.00	0.29	K
CT	UNIVERSAL BLANKET-751	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	4.00	0.29	K

** 1 Surface-Paper, 3 Surfaces-Nonwoven

***No stated R-value; used for filling small spaces around windows, doors, etc.

* DESCRIPTION OF BRAND CODES:

CT = CERTAINTTEED

Insul-Quilts, Inc. - T 1175						Updated 05/06/2019				
ISQ	INSULQUILT2	FIBERGLASS	COMPOSITE	FIBERGLASS**	CLG WALL FLR	YES	YES	2.00	8.20	R

**FIBER GLASS CLOTH FACING

* DESCRIPTION OF BRAND CODES:

ISQ = INSUL-QUILTS

Insul-Therm International Inc. - T 1245						Updated 6/14/2008				
IST	INSULWRAP 850	FIBERGLASS	FACED SINGLE MATERIAL	PLASTIC	EQUIPMENT	YES	YES	1.00	0.27	K
IST	INSULWRAP 850	FIBERGLASS	FACED SINGLE MATERIAL	PLASTIC	EQUIPMENT	YES	YES	1.50	0.27	K
IST	INSULWRAP 850	FIBERGLASS	FACED SINGLE MATERIAL	PLASTIC	EQUIPMENT	YES	YES	2.00	0.27	K
IST	INSULWRAP 850	FIBERGLASS	FACED SINGLE MATERIAL	PLASTIC	EQUIPMENT	YES	YES	2.50	0.27	K
IST	INSULWRAP 850	FIBERGLASS	FACED SINGLE MATERIAL	PLASTIC	EQUIPMENT	YES	YES	3.00	0.27	K
IST	INSULWRAP 850	FIBERGLASS	FACED SINGLE MATERIAL	PLASTIC	EQUIPMENT	YES	YES	3.50	0.27	K
IST	INSULWRAP 850	FIBERGLASS	FACED SINGLE MATERIAL	PLASTIC	EQUIPMENT	YES	YES	4.00	0.27	K

* DESCRIPTION OF BRAND CODES:

IST = INSUL-THERM

Johns Manville - T 1039						Updated 06/16/2026				
JM	ALL PURPOSE	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	1.00	3.20	R
JM	B.I. R11 KF/FF	FIBER GLASS	FACED SINGLE MATERIAL	PAP/MTL	WALL	NO	YES	3.50	11.00	R
JM	B.I. R11 KF/FF	FIBER GLASS	FACED SINGLE MATERIAL	PAP/MTL	WALL	NO	YES	3.63	11.00	R
JM	B.I. R11 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	11.00	R
JM	B.I. R11 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	3.63	11.00	R
JM	B.I. R13 KF/FF	FIBER GLASS	FACED SINGLE MATERIAL	PAP/MTL	WALL	NO	YES	3.50	13.00	R
JM	B.I. R13 KF/FF	FIBER GLASS	FACED SINGLE MATERIAL	PAP/MTL	WALL	NO	YES	3.63	13.00	R
JM	B.I. R13 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	13.00	R
JM	B.I. R13 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	3.63	13.00	R
JM	B.I. R15 KF/FF	FIBER GLASS	FACED SINGLE MATERIAL	PAP/MTL	WALL	NO	YES	3.50	15.00	R
JM	B.I. R15 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	15.00	R
JM	B.I. R19 KF/FF	FIBER GLASS	FACED SINGLE MATERIAL	PAP/MTL	CLG WALL FLR	NO	YES	6.25	19.00	R
JM	B.I. R19 KF/FF	FIBER GLASS	FACED SINGLE MATERIAL	PAP/MTL	CLG WALL FLR	NO	YES	6.50	19.00	R
JM	B.I. R19 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	6.25	19.00	R
JM	B.I. R19 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	6.50	19.00	R
JM	B.I. R20 KF/FF	FIBER GLASS	FACED SINGLE MATERIAL	PAP/MTL	CLG WALL FLR	NO	YES	5.50	20.00	R

BHGS - THERMAL INSULATION DIRECTORY
BLANKET INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
JM	B.I. R20 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	5.50	20.00	R
JM	B.I. R21 KF/FF	FIBER GLASS	FACED SINGLE MATERIAL	PAP/MTL	CLG WALL FLR	NO	YES	5.50	21.00	R
JM	B.I. R21 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	5.50	21.00	R
JM	B.I. R22 KF/FF	FIBER GLASS	FACED SINGLE MATERIAL	PAP/MTL	CLG WALL FLR	NO	YES	7.50	22.00	R
JM	B.I. R22 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	7.50	22.00	R
JM	B.I. R23 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	5.50	23.00	R
JM	B.I. R23 KF/FF	FIBER GLASS	SINGLE MATERIAL	PAP/MTL	CLG WALL FLR	NO	Yes	5.50	23.00	R
JM	B.I. R25 KF/FF	FIBER GLASS	FACED SINGLE MATERIAL	PAP/MTL	CEILING	NO	YES	8.25	25.00	R
JM	B.I. R25 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	CEILING	YES	NO	8.25	25.00	R
JM	B.I. R30 KF/FF	FIBER GLASS	FACED SINGLE MATERIAL	PAP/MTL	CEILING	NO	YES	8.25	30.00	R
JM	B.I. R30 KF/FF	FIBER GLASS	FACED SINGLE MATERIAL	PAP/MTL	CEILING	NO	YES	10.25	30.00	R
JM	B.I. R30 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	CEILING	YES	NO	8.25	30.00	R
JM	B.I. R30 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	CEILING	YES	NO	10.25	30.00	R
JM	B.I. R38 KF/FF	FIBER GLASS	FACED SINGLE MATERIAL	PAP/MTL	CEILING	NO	YES	10.25	38.00	R
JM	B.I. R38 KF/FF	FIBER GLASS	FACED SINGLE MATERIAL	PAP/MTL	CEILING	NO	YES	12.00	38.00	R
JM	B.I. R38 KF/FF	FIBER GLASS	FACED SINGLE MATERIAL	PAP/MTL	CEILING	NO	YES	12.50	38.00	R
JM	B.I. R38 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	CEILING	YES	NO	10.25	38.00	R
JM	B.I. R38 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	CEILING	YES	NO	12.00	38.00	R
JM	B.I. R38 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	CEILING	YES	NO	12.50	38.00	R
JM	B.I. R49 KF/FF	FIBER GLASS	FACED SINGLE MATERIAL	PAP/MTL	CEILING	NO	YES	13.50	49.00	R
JM	B.I. R49 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	CEILING	YES	NO	13.50	49.00	R
JM	COAT MCLT	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	0.50	0.22	C
JM	COAT MCLT	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	0.50	0.23	C
JM	COAT MCLT	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	0.50	0.27	C
JM	COAT MCLT	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	0.50	0.29	C
JM	COAT MCLT	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	0.50	0.31	C
JM	COAT MCLT	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	0.75	0.27	C
JM	COAT MCLT	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	0.75	0.29	C
JM	COAT MCLT	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	0.75	0.31	C
JM	COAT MCLT	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.00	0.25	C
JM	COAT MCLT	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.00	0.27	C
JM	COAT MCLT	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.00	0.29	C
JM	COAT MCLT	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.00	0.31	C
JM	COAT MCLT	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.25	0.27	C
JM	COAT MCLT	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.25	0.29	C
JM	COAT MCLT	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.25	0.31	C
JM	COAT MCLT	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.50	0.27	C
JM	COAT MCLT	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.50	0.29	C
JM	COAT MCLT	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.50	0.31	C
JM	COAT MCLT	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.75	0.29	C
JM	COAT MCLT	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.75	0.31	C
JM	COAT MCLT	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	2.00	0.29	C
JM	COAT MCLT	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	2.00	0.31	C
JM	COMFORTTHERM	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	CLG	YES	YES	10.25	30.00	R
JM	COMFORTTHERM	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	CLG WALL FLR	YES	YES	6.50	19.00	R
JM	COMFORTTHERM	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	WALL	YES	YES	3.50	13.00	R
JM	COMFORTTHERM	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	WALL	YES	YES	5.50	21.00	R

BHGS - THERMAL INSULATION DIRECTORY
BLANKET INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
JM	DUCT LINER PM	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	0.50	2.20	R
JM	DUCT LINER PM	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.00	4.20	R
JM	DUCT LINER PM	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.50	6.30	R
JM	DUCT LINER PM	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	2.00	8.00	R
JM	DURACORE	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.24	K
JM	DURACORE	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.75	0.24	K
JM	DURACORE	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.24	K
JM	EXACT-O-MAT 1.0 PCF	FIBER GLASS	COMPOSITE	NONE	EQUIPMENT	YES	NO	1.00	0.27	K
JM	EXACT-O-MAT 1.0 PCF	FIBER GLASS	COMPOSITE	NONE	EQUIPMENT	YES	NO	1.00	0.28	K
JM	EXACT-O-MAT 1.5 PCF	FIBER GLASS	COMPOSITE	NONE	EQUIPMENT	YES	NO	0.50	0.25	K
JM	EXACT-O-MAT 2.0 PCF	FIBER GLASS	COMPOSITE	NONE	EQUIPMENT	YES	NO	0.25	0.25	K
JM	EXACT-O-MAT 2.0 PCF	FIBER GLASS	COMPOSITE	NONE	EQUIPMENT	YES	NO	0.38	0.25	K
JM	EXACT-O-MAT 3.0 PCF	FIBER GLASS	COMPOSITE	NONE	EQUIPMENT	YES	NO	0.25	0.24	K
JM	FLEX-GLAS PC 100	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	1.50	4.20	R
JM	FLEX-GLAS PC 130	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	2.00	6.00	R
JM	FLEX-GLAS PC 130	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	4.00	12.00	R
JM	FLEX-GLAS PC 135	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	2.50	8.00	R
JM	HTB 26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.00	0.26	K
JM	HTB 26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.00	0.26	K
JM	HTB 26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	3.00	0.26	K
JM	HTB 26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	4.00	0.26	K
JM	INCOMB MICROLITE	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.00	0.29	K
JM	INCOMB MICROLITE	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.50	0.29	K
JM	INCOMB MICROLITE	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.00	0.29	K
JM	INCOMB MICROLITE	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.50	0.29	K
JM	INCOMB MICROLITE	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	3.00	0.29	K
JM	I.S. BLACK ROLLS	FIBER GLASS	FACED SINGLE MATERIAL	FIBERGLASS	WALL	YES	NO	1.00	4.20	R
JM	I.S. BLACK ROLLS	FIBER GLASS	FACED SINGLE MATERIAL	FIBERGLASS	WALL	YES	NO	2.00	8.00	R
JM	LINACOUSTIC RC	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	0.50	2.20	R
JM	LINACOUSTIC RC	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.00	4.20	R
JM	LINACOUSTIC RC	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.50	6.30	R
JM	LINACOUSTIC RC	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	2.00	8.00	R
JM	LINACOUSTIC RC	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	3.00	12.00	R
JM	LINACOUSTIC RC-HP	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.00	4.30	R
JM	LINACOUSTIC RC-IG	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	0.50	2.20	R
JM	LINACOUSTIC RC-IG	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.00	4.20	R
JM	LINACOUSTIC RC-IG	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.50	6.30	R
JM	LINACOUSTIC RC-IG	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	2.00	8.00	R
JM	MASONRY WALL	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	0.75	3.00	R
JM	MASONRY WALL	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.13	3.40	R
JM	MASONRY WALL	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.50	6.00	R
JM	MASONRY WALL	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.88	5.00	R
JM	MICRO-FLEX AP/FSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/PIPES	YES	YES	1.00	0.24	K
JM	MICRO-FLEX AP/FSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/PIPES	YES	YES	1.50	0.24	K
JM	MICRO-FLEX AP/FSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/PIPES	YES	YES	2.00	0.24	K
JM	MICRO-FLEX AP/FSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/PIPES	YES	YES	2.50	0.24	K
JM	MICRO-FLEX AP/FSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/PIPES	YES	YES	3.00	0.24	K

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JM	MICRO-FLEX AP/FSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/PIPES	YES	YES	3.50	0.24	K
JM	MICRO-FLEX AP/FSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/PIPES	YES	YES	4.00	0.24	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.25	0.22	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.25	0.23	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.25	0.25	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.25	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.25	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.25	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.38	0.23	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.38	0.25	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.38	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.38	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.38	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.50	0.22	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.50	0.25	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.50	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.50	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.50	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.75	0.22	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.75	0.23	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.75	0.25	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.75	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.75	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.75	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.00	0.23	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.00	0.25	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.00	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.00	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.00	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.25	0.23	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.25	0.25	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.25	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.25	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.25	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.50	0.23	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.50	0.25	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.50	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.50	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.50	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.75	0.25	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.75	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.75	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.75	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.00	0.25	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.00	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.00	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.00	0.31	K

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Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.25	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.25	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.25	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.50	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.50	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.50	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.75	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.75	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.75	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	3.00	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	3.00	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	3.00	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	3.25	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	3.25	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	3.25	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	3.50	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	3.50	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	3.50	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	3.75	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	3.75	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	3.75	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	4.00	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	4.00	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	4.00	0.31	K
JM	MICROLITE 0.60 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.30	K
JM	MICROLITE 0.60 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.75	0.30	K
JM	MICROLITE 0.60 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.30	K
JM	MICROLITE 0.60 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.30	K
JM	MICROLITE 0.60 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.30	K
JM	MICROLITE 0.60 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.30	K
JM	MICROLITE 0.60 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.30	K
JM	MICROLITE 0.75 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.29	K
JM	MICROLITE 0.75 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.75	0.29	K
JM	MICROLITE 0.75 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.29	K
JM	MICROLITE 0.75 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.29	K
JM	MICROLITE 0.75 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.29	K
JM	MICROLITE 0.75 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.29	K
JM	MICROLITE 1.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.25	0.26	K
JM	MICROLITE 1.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.37	0.26	K
JM	MICROLITE 1.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.26	K
JM	MICROLITE 1.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.75	0.26	K
JM	MICROLITE 1.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.26	K
JM	MICROLITE 1.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.26	K
JM	MICROLITE 1.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.26	K
JM	MICROLITE 1.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.26	K
JM	MICROLITE 1.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.26	K
JM	MICROLITE 1.5 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.25	0.24	K

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JM	MICROLITE 1.5 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.37	0.24	K
JM	MICROLITE 1.5 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.24	K
JM	MICROLITE 1.5 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.75	0.24	K
JM	MICROLITE 1.5 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.24	K
JM	MICROLITE 1.5 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.24	K
JM	MICROLITE 1.5 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.24	K
JM	MICROLITE 2.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.25	0.23	K
JM	MICROLITE 2.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.37	0.23	K
JM	MICROLITE 2.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.23	K
JM	MICROLITE 2.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.75	0.23	K
JM	MICROLITE 2.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.23	K
JM	MICROLITE 2.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.23	K
JM	MICROLITE 2.5 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.25	0.23	K
JM	MICROLITE 2.5 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.37	0.23	K
JM	MICROLITE 2.5 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.23	K
JM	MICROLITE 2.5 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.75	0.23	K
JM	MICROLITE 2.5 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.23	K
JM	MICROLITE 3.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.25	0.22	K
JM	MICROLITE 3.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.37	0.22	K
JM	MICROLITE 3.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.22	K
JM	MICROLITE 3.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.75	0.22	K
JM	MICROLITE 3.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.22	K
JM	MICROLITE FSK/PSK DUCT WRAP TYPE 75	FIBER GLASS	FACED SINGLE MATERIAL	FSK/PSK	DUCTS	YES	YES	1.50	4.20	R
JM	MICROLITE FSK/PSK DUCT WRAP TYPE 75	FIBER GLASS	FACED SINGLE MATERIAL	FSK/PSK	DUCTS	YES	YES	2.00	5.60	R
JM	MICROLITE FSK/PSK DUCT WRAP TYPE 75	FIBER GLASS	FACED SINGLE MATERIAL	FSK/PSK	DUCTS	YES	YES	2.20	6.00	R
JM	MICROLITE FSK/PSK DUCT WRAP TYPE 75	FIBER GLASS	FACED SINGLE MATERIAL	FSK/PSK	DUCTS	YES	YES	3.00	8.30	R
JM	MICROLITE FSK/PSK DUCT WRAP TYPE 75	FIBER GLASS	FACED SINGLE MATERIAL	FSK/PSK	DUCTS	YES	YES	4.40	12.00	R
JM	MICROLITE FSK/PSK DUCT WRAP TYPE 75	FIBER GLASS	FACED SINGLE MATERIAL	FSK/PSK	DUCTS	YES	YES	5.75	16.00	R
JM	MICROLITE FSK/PSK DUCT WRAP TYPE 75	FIBER GLASS	FACED SINGLE MATERIAL	FSK/PSK	DUCTS	YES	YES	7.00	19.00	R
JM	MICROLITE FSK/PSK DUCT WRAP TYPE 100	FIBER GLASS	FACED SINGLE MATERIAL	FSK/PSK	DUCTS	YES	YES	1.50	5.60	R
JM	MICROLITE FSK/PSK DUCT WRAP TYPE 100	FIBER GLASS	FACED SINGLE MATERIAL	FSK/PSK	DUCTS	YES	YES	2.00	7.40	R
JM	MICROLITE FSK/PSK DUCT WRAP TYPE 150	FIBER GLASS	FACED SINGLE MATERIAL	FSK/PSK	DUCTS	YES	YES	1.50	6.00	R
JM	MICROLITE FSK/PSK DUCT WRAP TYPE 150	FIBER GLASS	FACED SINGLE MATERIAL	FSK/PSK	DUCTS	YES	YES	2.00	8.00	R
JM	MICROLITE L	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL	YES	NO	2.95	10.00	R
JM	MICROLITE L	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL	YES	NO	3.30	11.00	R
JM	MICROLITE L	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL	YES	NO	3.85	13.00	R
JM	MICROLITE L	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL	YES	NO	5.60	19.00	R
JM	MICROLITE L	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL	YES	NO	7.50	25.00	R
JM	MICROLITE L	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL	YES	NO	8.70	30.00	R
JM	MICROLITE MW	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.38	0.23	K
JM	MICROLITE MW	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.23	K
JM	MICROLITE MW	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.63	0.23	K
JM	MICROLITE MW	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.75	0.23	K
JM	MICROLITE STANDARD DUCT WRAP TYPE 60	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.50	0.31	K
JM	MICROLITE STANDARD DUCT WRAP TYPE 60	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	0.31	K
JM	MICROLITE STANDARD DUCT WRAP TYPE 60	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.20	0.31	K
JM	MICROLITE STANDARD DUCT WRAP TYPE 60	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	3.00	0.31	K

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JM	MICROLITE STANDARD DUCT WRAP TYPE 75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.50	0.29	K
JM	MICROLITE STANDARD DUCT WRAP TYPE 75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	0.29	K
JM	MICROLITE STANDARD DUCT WRAP TYPE 75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.20	0.29	K
JM	MICROLITE STANDARD DUCT WRAP TYPE 75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	3.00	0.29	K
JM	MICROLITE STANDARD DUCT WRAP TYPE 100	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.50	0.27	K
JM	MICROLITE STANDARD DUCT WRAP TYPE 100	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	0.27	K
JM	MICROLITE STANDARD DUCT WRAP TYPE 150	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.50	0.25	K
JM	MICROLITE STANDARD DUCT WRAP TYPE 150	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	0.25	K
JM	MICROMAT 23	FIBER GLASS	COMPOSITE	NONE	EQUIPMENT	YES	NO	0.50	0.23	K
JM	MICROMAT 24	FIBER GLASS	COMPOSITE	NONE	EQUIPMENT	YES	NO	0.50	0.24	K
JM	MICROMAT 24	FIBER GLASS	COMPOSITE	NONE	EQUIPMENT	YES	NO	0.75	0.24	K
JM	MICROMAT 24	FIBER GLASS	COMPOSITE	NONE	EQUIPMENT	YES	NO	1.00	0.24	K
JM	MICROMAT 24	FIBER GLASS	COMPOSITE	NONE	EQUIPMENT	YES	NO	1.50	0.24	K
JM	MICROMAT 25	FIBER GLASS	COMPOSITE	NONE	EQUIPMENT	YES	NO	0.50	0.25	K
JM	MICROMAT 25	FIBER GLASS	COMPOSITE	NONE	EQUIPMENT	YES	NO	1.00	0.25	K
JM	MICROMAT 26	FIBER GLASS	COMPOSITE	NONE	EQUIPMENT	YES	NO	0.75	0.26	K
JM	MICROMAT 26	FIBER GLASS	COMPOSITE	NONE	EQUIPMENT	YES	NO	1.00	0.26	K
JM	MICROMAT RX	FIBER GLASS	COMPOSITE	NONE	EQUIPMENT	YES	NO	0.50	2.20	R
JM	MICROMAT RX	FIBER GLASS	COMPOSITE	NONE	EQUIPMENT	YES	NO	0.75	3.20	R
JM	MICROMAT RX	FIBER GLASS	COMPOSITE	NONE	EQUIPMENT	YES	NO	1.00	4.20	R
JM	MOBINSUL R7 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	2.25	7.00	R
JM	MOBINSUL R7 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	2.50	7.00	R
JM	MOBINSUL R11 KF	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	CLG WALL FLR	NO	YES	3.50	11.00	R
JM	MOBINSUL R11 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	3.50	11.00	R
JM	MOBINSUL R11 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	4.00	11.00	R
JM	MOBINSUL R13 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	YES	3.50	13.00	R
JM	MOBINSUL R14 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	5.00	14.00	R
JM	MOBINSUL R19 KF	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	CLG WALL FLR	NO	YES	6.50	19.00	R
JM	MOBINSUL R19 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	6.50	19.00	R
JM	MOBINSUL R22 UNF	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	7.50	22.00	R
JM	MULTI-PURPOSE	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	1.00	3.00	R
JM	PANEL DECK FSK	FIBER GLASS	FACED SINGLE MATERIAL	METAL	ROOF DECK	YES	YES	6.50	19.00	R
JM	PANEL DECK FSK	FIBER GLASS	FACED SINGLE MATERIAL	METAL	ROOF DECK	YES	YES	10.25	30.00	R
JM	PANEL DECK PSK	FIBER GLASS	FACED SINGLE MATERIAL	PSK	ROOF DECK	YES	YES	6.25	19.00	R
JM	PANEL DECK PSK	FIBER GLASS	FACED SINGLE MATERIAL	PSK	ROOF DECK	YES	YES	10.25	30.00	R
JM	PEBS BLANKET	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	3.00	10.00	R
JM	PEBS BLANKET	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	4.40	13.00	R
JM	PEBS BLANKET	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	6.00	19.00	R
JM	PEBS BLANKET	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	8.00	25.00	R
JM	PEBS BLANKET	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	9.00	30.00	R
JM	PRECIPITATOR SG	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.00	0.23	K
JM	PRECIPITATOR SG	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.50	0.23	K
JM	PRECIPITATOR SG	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.00	0.23	K
JM	PRECIPITATOR SG	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.50	0.23	K
JM	PRECIPITATOR SG	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	3.00	0.23	K
JM	PRECIPITATOR SG	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	3.50	0.23	K
JM	R11 FSK	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	3.50	11.00	R

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JM	R11 FSK	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	3.63	11.00	R
JM	R13 FSK	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	3.63	13.00	R
JM	R19 FSK	FIBER GLASS	FACED SINGLE MATERIAL	METAL	CLG WALL	YES	YES	6.50	19.00	R
JM	R21 FSK	FIBER GLASS	FACED SINGLE MATERIAL	METAL	CLG WALL	YES	YES	5.50	21.00	R
JM	R30 FSK	FIBER GLASS	FACED SINGLE MATERIAL	METAL	CEILING	YES	YES	10.25	30.00	R
JM	R38 FSK	FIBER GLASS	FACED SINGLE MATERIAL	METAL	CEILING	YES	YES	12.00	38.00	R
JM	R38 FSK	FIBER GLASS	FACED SINGLE MATERIAL	METAL	CEILING	YES	YES	12.50	38.00	R
JM	SG SERIES SPIN-GLAS SG22	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.23	K
JM	SG SERIES SPIN-GLAS SG22	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.23	K
JM	SG SERIES SPIN-GLAS SG22	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.23	K
JM	SG SERIES SPIN-GLAS SG22	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.23	K
JM	SG SERIES SPIN-GLAS SG22	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.23	K
JM	SG SERIES SPIN-GLAS SG22	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.23	K
JM	SG SERIES SPIN-GLAS SG22	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.50	0.23	K
JM	SG SERIES SPIN-GLAS SG22	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	4.00	0.23	K
JM	SG SERIES SPIN-GLAS SG23	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.24	K
JM	SG SERIES SPIN-GLAS SG23	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.24	K
JM	SG SERIES SPIN-GLAS SG23	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.24	K
JM	SG SERIES SPIN-GLAS SG23	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.24	K
JM	SG SERIES SPIN-GLAS SG23	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.24	K
JM	SG SERIES SPIN-GLAS SG23	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.24	K
JM	SG SERIES SPIN-GLAS SG23	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.50	0.24	K
JM	SG SERIES SPIN-GLAS SG23	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	4.00	0.24	K
JM	SG SERIES SPIN-GLAS SG24	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.24	K
JM	SG SERIES SPIN-GLAS SG24	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.24	K
JM	SG SERIES SPIN-GLAS SG24	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.24	K
JM	SG SERIES SPIN-GLAS SG24	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.24	K
JM	SG SERIES SPIN-GLAS SG24	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.24	K
JM	SG SERIES SPIN-GLAS SG24	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.24	K
JM	SG SERIES SPIN-GLAS SG24	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.50	0.24	K
JM	SG SERIES SPIN-GLAS SG24	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	4.00	0.24	K
JM	SG SERIES SPIN-GLAS SG25	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.25	K
JM	SG SERIES SPIN-GLAS SG25	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.25	K
JM	SG SERIES SPIN-GLAS SG25	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.25	K
JM	SG SERIES SPIN-GLAS SG25	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.25	K
JM	SG SERIES SPIN-GLAS SG25	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.25	K
JM	SG SERIES SPIN-GLAS SG25	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.25	K
JM	SG SERIES SPIN-GLAS SG25	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.50	0.25	K
JM	SG SERIES SPIN-GLAS SG25	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	4.00	0.25	K
JM	SG SERIES SPIN-GLAS SG26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.26	K
JM	SG SERIES SPIN-GLAS SG26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.26	K
JM	SG SERIES SPIN-GLAS SG26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.26	K
JM	SG SERIES SPIN-GLAS SG26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.26	K
JM	SG SERIES SPIN-GLAS SG26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.26	K
JM	SG SERIES SPIN-GLAS SG26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.26	K
JM	SG SERIES SPIN-GLAS SG26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.50	0.26	K
JM	SG SERIES SPIN-GLAS SG26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	4.00	0.26	K

BHGS - THERMAL INSULATION DIRECTORY
BLANKET INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
JM	SG SERIES SPIN-GLAS SG28	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.27	K
JM	SG SERIES SPIN-GLAS SG28	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.27	K
JM	SG SERIES SPIN-GLAS SG28	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.27	K
JM	SG SERIES SPIN-GLAS SG28	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.27	K
JM	SG SERIES SPIN-GLAS SG28	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.27	K
JM	SG SERIES SPIN-GLAS SG28	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.27	K
JM	SG SERIES SPIN-GLAS SG28	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.50	0.27	K
JM	SG SERIES SPIN-GLAS SG28	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	4.00	0.27	K
JM	SG SERIES SPIN-GLAS SG30	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.30	K
JM	SG SERIES SPIN-GLAS SG30	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.30	K
JM	SG SERIES SPIN-GLAS SG30	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.30	K
JM	SG SERIES SPIN-GLAS SG30	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.30	K
JM	SG SERIES SPIN-GLAS SG30	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.30	K
JM	SG SERIES SPIN-GLAS SG30	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.30	K
JM	SG SERIES SPIN-GLAS SG30	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.50	0.30	K
JM	SG SERIES SPIN-GLAS SG30	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	4.00	0.30	K
JM	SG SERIES SPIN-GLAS SG32	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.32	K
JM	SG SERIES SPIN-GLAS SG32	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.32	K
JM	SG SERIES SPIN-GLAS SG32	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.32	K
JM	SG SERIES SPIN-GLAS SG32	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.32	K
JM	SG SERIES SPIN-GLAS SG32	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.32	K
JM	SG SERIES SPIN-GLAS SG32	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.32	K
JM	SG SERIES SPIN-GLAS SG32	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.50	0.32	K
JM	SG SERIES SPIN-GLAS SG32	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	4.00	0.32	K
JM	SG SERIES SPIN-GLAS SG34	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.34	K
JM	SG SERIES SPIN-GLAS SG34	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.34	K
JM	SG SERIES SPIN-GLAS SG34	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.34	K
JM	SG SERIES SPIN-GLAS SG34	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.34	K
JM	SG SERIES SPIN-GLAS SG34	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.34	K
JM	SG SERIES SPIN-GLAS SG34	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.34	K
JM	SG SERIES SPIN-GLAS SG34	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.50	0.34	K
JM	SG SERIES SPIN-GLAS SG34	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	4.00	0.34	K
JM	SPIRAL SG 75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.00	0.30	K
JM	SPIRAL SG 75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	0.30	K
JM	SPIRAL SG 85	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.00	0.27	K
JM	SPIRAL SG 85	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	0.27	K
JM	SPIRAL SG 100	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.00	0.26	K
JM	SPIRAL SG 100	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	0.26	K
JM	SPIRAL SG 125	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.00	0.25	K
JM	SPIRAL SG 125	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	0.25	K
JM	SPIRAL SG 150	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.00	0.24	K
JM	SPIRAL SG 150	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	0.24	K
JM	T.A.B. R11 KF	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	CEILING	NO	YES	4.00	11.00	R
JM	T.A.B. R19 KF	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	CEILING	NO	YES	6.75	19.00	R
JM	TUF-GLAS/VALULITE 24	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.24	K
JM	TUF-GLAS/VALULITE 24	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.24	K
JM	TUF-GLAS/VALULITE 25	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.25	K

BHGS - THERMAL INSULATION DIRECTORY
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Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
JM	TUF-GLAS/VALULITE 25	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.25	K
JM	TUF-SKIN	FIBER GLASS	COMPOSITE	FIBERGLASS	EQUIPMENT	YES	NO	0.50	0.48	C
JM	TUF-SKIN	FIBER GLASS	COMPOSITE	FIBERGLASS	EQUIPMENT	YES	NO	0.75	0.31	C
JM	TUF-SKIN	FIBER GLASS	COMPOSITE	FIBERGLASS	EQUIPMENT	YES	NO	1.00	0.24	C
JM	TUF-SKIN	FIBER GLASS	COMPOSITE	FIBERGLASS	EQUIPMENT	YES	NO	1.50	0.17	C
JM	TUF-SKIN	FIBER GLASS	COMPOSITE	FIBERGLASS	EQUIPMENT	YES	NO	2.00	0.13	C
JM	TUF-SKIN II	FIBER GLASS	COMPOSITE	FIBERGLASS	EQUIPMENT	YES	NO	0.50	0.52	C
JM	TUF-SKIN II	FIBER GLASS	COMPOSITE	FIBERGLASS	EQUIPMENT	YES	NO	0.75	0.36	C
JM	TUF-SKIN II	FIBER GLASS	COMPOSITE	FIBERGLASS	EQUIPMENT	YES	NO	1.00	0.26	C
JM	TUF-SKIN II	FIBER GLASS	COMPOSITE	FIBERGLASS	EQUIPMENT	YES	NO	1.50	0.18	C
JM	TUF-SKIN II	FIBER GLASS	COMPOSITE	FIBERGLASS	EQUIPMENT	YES	NO	2.00	0.13	C
JM	ZESTON HI-LO INSULATION INSERTS	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.00	0.23	K

NOTE: KF = Kraft-Faced

* DESCRIPTION OF BRAND CODES:

JM = JOHNS MANVILLE

UNF = SINGLE MATERIAL

KF/FF = Kraft-Faced Formaldehyde-Free

Knauf Insulation - T 1002						Updated 06/30/2023				
KNF	CBI-25 BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	METAL	CEILING	YES	YES	6.50	22.00	R
KNF	CBI-25 BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	METAL	CEILING	YES	YES	8.25	30.00	R
KNF	CBI-25 BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	METAL	CEILING	YES	YES	10.00	30.00	R
KNF	CBI-25 BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	METAL	CEILING	YES	YES	10.25	38.00	R
KNF	CBI-25 BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	METAL	CEILING	YES	YES	12.00	38.00	R
KNF	CBI-25 BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	3.50	11.00	R
KNF	CBI-25 BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	3.50	13.00	R
KNF	CBI-25 BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	3.50	15.00	R
KNF	CBI-25 BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	METAL	WALL CLG	YES	YES	6.25	19.00	R
KNF	FLXDTLINEM 1.5 PCF	FIBERGLASS	FACED SINGLE MATERIAL	PLASTIC	DUCTS	NO	NO	1.00	0.25	C
KNF	FLXDTLINEM 1.5 PCF	FIBERGLASS	FACED SINGLE MATERIAL	PLASTIC	DUCTS	NO	NO	1.50	0.17	C
KNF	FLXDTLINEM 1.5 PCF	FIBERGLASS	FACED SINGLE MATERIAL	PLASTIC	DUCTS	NO	NO	2.00	0.13	C
KNF	FLXDTLINEM 2.0 PCF	FIBERGLASS	FACED SINGLE MATERIAL	PLASTIC	DUCTS	NO	NO	0.50	0.48	C
KNF	FLXDTLINEM 2.0 PCF	FIBERGLASS	FACED SINGLE MATERIAL	PLASTIC	DUCTS	NO	NO	1.00	0.24	C
KNF	FLXDTLINEM 2.0 PCF	FIBERGLASS	FACED SINGLE MATERIAL	PLASTIC	DUCTS	NO	NO	1.50	0.16	C
KNF	FOIL FACED BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	METAL	CEILING	NO	YES	6.50	22.00	R
KNF	FOIL FACED BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	METAL	CEILING	NO	YES	8.25	30.00	R
KNF	FOIL FACED BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	METAL	CEILING	NO	YES	10.00	30.00	R
KNF	FOIL FACED BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	METAL	CEILING	NO	YES	10.25	38.00	R
KNF	FOIL FACED BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	METAL	CEILING	NO	YES	12.00	38.00	R
KNF	FOIL FACED BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	METAL	WALL	NO	YES	3.50	11.00	R
KNF	FOIL FACED BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	METAL	WALL	NO	YES	3.50	13.00	R
KNF	FOIL FACED BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	METAL	WALL	NO	YES	3.50	15.00	R
KNF	FOIL FACED BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	METAL	WALL CLG	NO	YES	5.50	21.00	R
KNF	FOIL FACED BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	METAL	WALL CLG	NO	YES	6.25	19.00	R
KNF	KRAFT FACED BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CEILING	NO	YES	6.50	22.00	R
KNF	KRAFT FACED BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CEILING	NO	YES	8.25	30.00	R
KNF	KRAFT FACED BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CEILING	NO	YES	10.00	30.00	R

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KNF	KRAFT FACED BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CEILING	NO	YES	10.25	38.00	R
KNF	KRAFT FACED BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CEILING	NO	YES	12.00	38.00	R
KNF	KRAFT FACED BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CEILING	NO	YES	13.75	49.00	R
KNF	KRAFT FACED BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	FLOOR	NO	YES	8.00	25.00	R
KNF	KRAFT FACED BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	WALL	NO	YES	3.50	11.00	R
KNF	KRAFT FACED BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	WALL	NO	YES	3.50	13.00	R
KNF	KRAFT FACED BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	WALL	NO	YES	3.50	15.00	R
KNF	KRAFT FACED BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	WALL CLG	NO	YES	5.50	21.00	R
KNF	KRAFT FACED BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	WALL CLG	NO	YES	5.50	23.00	R
KNF	KRAFT FACED BLDG INS	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	WALL CLG	NO	YES	6.25	19.00	R
KNF	KRAFT FACED BLDG INS IRD	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	YES	6.25	19.00	R
KNF	MANUFACTURED HSING	FIBERGLASS	SINGLE MATERIAL	NONE	CEILING	YES	NO	9.50	30.00	R
KNF	MANUFACTURED HSING	FIBERGLASS	SINGLE MATERIAL	NONE	CLG FLR	YES	NO	4.50	14.00	R
KNF	MANUFACTURED HSING	FIBERGLASS	SINGLE MATERIAL	NONE	CLG FLR	YES	NO	6.25	19.00	R
KNF	MANUFACTURED HSING	FIBERGLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.50	5.00	R
KNF	MANUFACTURED HSING	FIBERGLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	2.25	7.00	R
KNF	MANUFACTURED HSING	FIBERGLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	11.00	R
KNF	MANUFACTURED HSING	FIBERGLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	13.00	R
KNF	MASONARY WALL INS	FIBERGLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	0.75	3.00	R
KNF	MASONARY WALL INS	FIBERGLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.50	5.00	R
KNF	METAL BUILDING INS	FIBERGLASS	SINGLE MATERIAL	NONE	WALL CLG	YES	NO	3.00	10.00	R
KNF	METAL BUILDING INS	FIBERGLASS	SINGLE MATERIAL	NONE	WALL CLG	YES	NO	3.50	11.00	R
KNF	METAL BUILDING INS	FIBERGLASS	SINGLE MATERIAL	NONE	WALL CLG	YES	NO	4.00	13.00	R
KNF	METAL BUILDING INS	FIBERGLASS	SINGLE MATERIAL	NONE	WALL CLG	YES	NO	5.00	16.00	R
KNF	METAL BUILDING INS	FIBERGLASS	SINGLE MATERIAL	NONE	WALL CLG	YES	NO	6.00	19.00	R
KNF	METAL BUILDING INS	FIBERGLASS	SINGLE MATERIAL	NONE	WALL CLG	YES	NO	8.00	25.00	R
KNF	METAL BUILDING INS	FIBERGLASS	SINGLE MATERIAL	NONE	WALL CLG	YES	NO	9.50	30.00	R
KNF	UMBI	FIBERGLASS	SINGLE MATERIAL	NONE	WALL CLG	YES	NO	3.00	10.00	R
KNF	UMBI	FIBERGLASS	SINGLE MATERIAL	NONE	WALL CLG	YES	NO	3.50	12.00	R
KNF	UMBI	FIBERGLASS	SINGLE MATERIAL	NONE	WALL CLG	YES	NO	4.25	14.00	R
KNF	UMBI	FIBERGLASS	SINGLE MATERIAL	NONE	WALL CLG	YES	NO	6.00	20.00	R
KNF	UNFACED BLDS INS	FIBERGLASS	SINGLE MATERIAL	NONE	CEILING	YES	NO	6.50	22.00	R
KNF	UNFACED BLDS INS	FIBERGLASS	SINGLE MATERIAL	NONE	CEILING	YES	NO	8.25	30.00	R
KNF	UNFACED BLDS INS	FIBERGLASS	SINGLE MATERIAL	NONE	CEILING	YES	NO	10.00	30.00	R
KNF	UNFACED BLDS INS	FIBERGLASS	SINGLE MATERIAL	NONE	CEILING	YES	NO	10.25	38.00	R
KNF	UNFACED BLDS INS	FIBERGLASS	SINGLE MATERIAL	NONE	CEILING	YES	NO	12.00	38.00	R
KNF	UNFACED BLDS INS	FIBERGLASS	SINGLE MATERIAL	NONE	CEILING	YES	NO	13.75	49.00	R
KNF	UNFACED BLDS INS	FIBERGLASS	SINGLE MATERIAL	NONE	FLOOR	YES	NO	8.00	25.00	R
KNF	UNFACED BLDS INS	FIBERGLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	2.50	8.00	R
KNF	UNFACED BLDS INS	FIBERGLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	11.00	R
KNF	UNFACED BLDS INS	FIBERGLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	13.00	R
KNF	UNFACED BLDS INS	FIBERGLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	15.00	R
KNF	UNFACED BLDS INS	FIBERGLASS	SINGLE MATERIAL	NONE	WALL CLG	YES	NO	5.50	21.00	R
KNF	UNFACED BLDS INS	FIBERGLASS	SINGLE MATERIAL	NONE	WALL CLG	YES	NO	5.50	23.00	R
KNF	UNFACED BLDS INS	FIBERGLASS	SINGLE MATERIAL	NONE	WALL CLG	YES	NO	6.25	19.00	R

* DESCRIPTION OF BRAND CODES:
KNF = KNAUF INSULATION

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Owens Corning Insulating Systems LLC - T 1428					Updated 12/15/2023					
FG	ROTARY DUCT LINER R-2.2	FIBERGLASS	SINGLE MATERIAL	OTHER	DUCTS	YES	NO	0.50	0.23	K
FG	ROTARY DUCT LINER R-4.2	FIBERGLASS	SINGLE MATERIAL	OTHER	DUCTS	YES	NO	1.00	0.24	K
FG	ROTARY DUCT LINER R-6	FIBERGLASS	SINGLE MATERIAL	OTHER	DUCTS	YES	NO	1.50	0.24	K
FG	ROTARY DUCT LINER R-8	FIBERGLASS	SINGLE MATERIAL	OTHER	DUCTS	YES	NO	2.00	0.24	K
FG	DUCT LINER HD-ROLL	FIBERGLASS	SINGLE MATERIAL	OTHER	DUCTS	YES	NO	1.00	0.23	K
FG	FLAME SPREAD 25	FIBERGLASS	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	YES	YES	3.50	13.00	R
FG	FLAME SPREAD 25	FIBERGLASS	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	YES	YES	6.00	21.00	R
FG	FLAME SPREAD 25	FIBERGLASS	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	YES	YES	6.50	19.00	R
FG	FLAME SPREAD 25	FIBERGLASS	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	YES	YES	10.00	30.00	R
FG	FLAME SPREAD 25	FIBERGLASS	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	YES	YES	12.50	38.00	R
FG	FLAME SPREAD 25	FIBERGLASS	FACED SINGLE MATERIAL	POLY	CLG WALL FLR	YES	YES	3.50	13.00	R
FG	FLAME SPREAD 25	FIBERGLASS	FACED SINGLE MATERIAL	POLY	CLG WALL FLR	YES	YES	6.50	19.00	R
FG	FOIL FACED B INS	FIBERGLASS	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES	3.50	11.00	R
FG	FOIL FACED B INS	FIBERGLASS	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES	3.50	13.00	R
FG	FOIL FACED B INS	FIBERGLASS	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES	6.50	19.00	R
FG	FOIL FACED B INS	FIBERGLASS	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES	10.00	30.00	R
FG	KRAFT FACED B IN	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CLG FLR	NO	YES	9.50	30.00	R
FG	KRAFT FACED B IN	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CLG FLR	NO	YES	10.00	30.00	R
FG	KRAFT FACED B IN	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CLG FLR	NO	YES	12.50	38.00	R
FG	KRAFT FACED B IN	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CLG FLR	NO	YES	14.00	49.00	R
FG	KRAFT FACED B IN	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CLG WALL FLR	NO	YES	3.50	11.00	R
FG	KRAFT FACED B IN	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CLG WALL FLR	NO	YES	3.50	13.00	R
FG	KRAFT FACED B IN	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CLG WALL FLR	NO	YES	6.25	19.00	R
FG	KRAFT FACED B IN	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CLG WALL FLR	NO	YES	6.50	19.00	R
FG	KRAFT FACED B IN	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CLG WALL FLR	NO	YES	6.75	22.00	R
FG	KRAFT FACED B IN	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	WALL	NO	YES	3.50	15.00	R
FG	KRAFT FACED B IN	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	WALL	NO	YES	5.50	21.00	R
FG	KRAFT FACED B IN	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	WALL	NO	YES	6.00	21.00	R
FG	MBI CERTIFIED R	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL	YES	NO	3.40	10.00	R
FG	MBI CERTIFIED R	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL	YES	NO	3.70	11.00	R
FG	MBI CERTIFIED R	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL	YES	NO	4.30	13.00	R
FG	MBI CERTIFIED R	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL	YES	NO	5.30	16.00	R
FG	MBI CERTIFIED R	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL	YES	NO	6.30	19.00	R
FG	MBI CERTIFIED R	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL	YES	NO	6.50	20.00	R
FG	MBI CERTIFIED R	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL	YES	NO	8.00	25.00	R
FG	MBI CERTIFIED R	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL	YES	NO	9.25	30.00	R
FG	R30 CATHEDRAL KR	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CEILING	NO	YES	8.25	30.00	R
FG	R30 CATHEDRAL UN	FIBERGLASS	SINGLE MATERIAL	NONE	CEILING	YES	NO	8.25	30.00	R
FG	R38 CATHEDRAL KR	FIBERGLASS	FACED SINGLE MATERIAL	PAPER	CEILING	NO	YES	10.25	38.00	R
FG	R38 CATHEDRAL UN	FIBERGLASS	SINGLE MATERIAL	NONE	CEILING	YES	NO	10.25	38.00	R
FG	TIW TYPE 1-HP	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.24	K
FG	TIW TYPE 1-HP	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.24	K
FG	TIW TYPE 1-HP	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.24	K

BHGS - THERMAL INSULATION DIRECTORY
BLANKET INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
FG	TIW TYPE 1-HP	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.24	K
FG	TIW TYPE 1-HP	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.24	K
FG	TIW TYPE 1-HP	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.50	0.24	K
FG	TIW TYPE 1-HP	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	4.00	0.24	K
FG	TIW TYPE 2-HP	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.22	K
FG	TIW TYPE 2-HP	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.22	K
FG	TIW TYPE 2-HP	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.22	K
FG	TIW TYPE 2-HP	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.22	K
FG	TIW TYPE 2-HP	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.22	K
FG	TIW TYPE 2-HP	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.50	0.22	K
FG	TIW TYPE 2-HP	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	4.00	0.22	K
FG	UNFACED BLDG INS	FIBERGLASS	SINGLE MATERIAL	NONE	CEILING	YES	NO	8.00	25.00	R
FG	UNFACED BLDG INS	FIBERGLASS	SINGLE MATERIAL	NONE	CLG FLR	YES	NO	9.50	30.00	R
FG	UNFACED BLDG INS	FIBERGLASS	SINGLE MATERIAL	NONE	CLG FLR	YES	NO	10.00	30.00	R
FG	UNFACED BLDG INS	FIBERGLASS	SINGLE MATERIAL	NONE	CLG FLR	YES	NO	12.50	38.00	R
FG	UNFACED BLDG INS	FIBERGLASS	SINGLE MATERIAL	NONE	CLG FLR	YES	NO	14.00	49.00	R
FG	UNFACED BLDG INS	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	3.50	11.00	R
FG	UNFACED BLDG INS	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	3.50	13.00	R
FG	UNFACED BLDG INS	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	6.25	19.00	R
FG	UNFACED BLDG INS	FIBERGLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	6.50	19.00	R
FG	UNFACED BLDG INS	FIBERGLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	15.00	R
FG	UNFACED BLDG INS	FIBERGLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	5.50	21.00	R
FG	UNFACED BLDG INS	FIBERGLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	6.00	21.00	R

* DESCRIPTION OF BRAND CODES:
FG = FIBERGLAS

Rockwool - T 1360					Updated 12/01/2023					
RI	COMFORTBATT	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	13.00	R
RI	COMFORTBATT	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	15.00	R
RI	COMFORTBATT	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	5.50	21.00	R
RI	COMFORTBATT	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	5.50	23.00	R
RI	COMFORTBATT	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	6.00	24.00	R
RI	COMFORTBATT	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	7.25	30.00	R
RI	COMFORTBATT	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	8.00	32.00	R
RI	COMFORTBATT	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	9.50	38.00	R

* DESCRIPTION OF BRAND CODES:
RI = ROCKWOOL

Silvercote - T 1557					Updated 06/30/2023					
GBP	MBI-258R8	FIBERGLASS	SINGLE MATERIAL	NONE	ROOF WALL	YES	YES	2.63	8.00	R
GBP	MBI-2625R8	FIBERGLASS	FACED SINGLE MATERIAL	PLASTIC	ROOF WALL	YES	YES	2.63	8.00	R
GBP	MBI-30R10	FIBERGLASS	FACED SINGLE MATERIAL	PLASTIC	ROOF WALL	YES	YES	3.00	10.00	R
GBP	MBI-30R10	FIBERGLASS	SINGLE MATERIAL	NONE	ROOF WALL	YES	YES	3.00	10.00	R
GBP	MBI-35R11	FIBERGLASS	FACED SINGLE MATERIAL	PLASTIC	ROOF WALL	YES	YES	3.50	11.00	R

BHGS - THERMAL INSULATION DIRECTORY
BLANKET INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
GBP	MBI-35R11	FIBERGLASS	SINGLE MATERIAL	NONE	ROOF WALL	YES	YES	3.50	11.00	R
GBP	MBI-40R13	FIBERGLASS	FACED SINGLE MATERIAL	PLASTIC	ROOF WALL	YES	YES	4.00	13.00	R
GBP	MBI-40R13	FIBERGLASS	SINGLE MATERIAL	NONE	ROOF WALL	YES	YES	4.00	13.00	R
GBP	MBI-60R19	FIBERGLASS	FACED SINGLE MATERIAL	PLASTIC	ROOF WALL	YES	YES	6.00	19.00	R
GBP	MBI-60R19	FIBERGLASS	SINGLE MATERIAL	NONE	ROOF WALL	YES	YES	6.00	19.00	R
GBP	MBI-80R25	FIBERGLASS	FACED SINGLE MATERIAL	PLASTIC	ROOF WALL	YES	YES	8.00	25.00	R
GBP	MBI-80R25	FIBERGLASS	SINGLE MATERIAL	NONE	ROOF WALL	YES	YES	8.00	25.00	R
GBP	MBI-95R30	FIBERGLASS	FACED SINGLE MATERIAL	PLASTIC	ROOF WALL	YES	YES	9.50	30.00	R
GBP	MBI-95R30	FIBERGLASS	SINGLE MATERIAL	NONE	ROOF WALL	YES	YES	9.50	30.00	R

* DESCRIPTION OF BRAND CODES:
GBP = GBP/ SILVERCOTE

BHGS - THERMAL INSULATION DIRECTORY
BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
Cellular Glass Board										
Pittsburgh Corning Corporation - T 1036						Updated 12/12/2011				
FMG	135114	CELLULAR GLS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	YES	2.00	6.90	R
FMG	135116	CELLULAR GLS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	YES	3.00	10.40	R
FMG	135118	CELLULAR GLS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	YES	4.00	13.80	R
FMG	135121	CELLULAR GLS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	YES	5.00	17.30	R
FMG	135216	CELLULAR GLS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	YES	6.00	20.70	R
FMG	FOAMGLAS ONE	CELLULAR GLS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	YES	7.00	24.20	R

* DESCRIPTION OF BRAND CODES:
 FMG = FOAMGLAS

Mineral Aggregate Board										
Johns Manville - T 1288						Updated 10/05/2023				
JM	DURABOARD	MINERAL AGGREGATE	SINGLE MATERIAL	NONE	ROOF DECK	NO	NO	0.50	1.20	R
JM	DURABOARD	MINERAL AGGREGATE	SINGLE MATERIAL	NONE	ROOF DECK	NO	NO	0.75	1.80	R
JM	DURABOARD	MINERAL AGGREGATE	SINGLE MATERIAL	NONE	ROOF DECK	NO	NO	1.00	2.30	R
JM	FESCO	MINERAL AGGREGATE	SINGLE MATERIAL	NONE	ROOF DECK	NO	NO	0.75	1.70	R
JM	FESCO	MINERAL AGGREGATE	SINGLE MATERIAL	NONE	ROOF DECK	NO	NO	1.00	2.30	R
JM	FESCO	MINERAL AGGREGATE	SINGLE MATERIAL	NONE	ROOF DECK	NO	NO	1.50	3.40	R
JM	FESCO	MINERAL AGGREGATE	SINGLE MATERIAL	NONE	ROOF DECK	NO	NO	2.00	4.50	R
JM	RETROFIT	MINERAL AGGREGATE	SINGLE MATERIAL	NONE	ROOF DECK	NO	NO	0.50	1.10	R
JM	RETROPLUS	MINERAL AGGREGATE	SINGLE MATERIAL	NONE	ROOF DECK	NO	NO	0.50	1.30	R

* DESCRIPTION OF BRAND CODES:
 JM = JOHNS MANVILLE

Mineral Fiber Board										
Certainteed Corporation - T 1023						Updated 12/22/2025				
CT	ACOUSTA BOARD - 300	FIBER GLASS	SINGLE MATERIAL	OTHER	CLG WALL	YES	NO	1.00	4.30	R
CT	ACOUSTA BOARD - 300	FIBER GLASS	SINGLE MATERIAL	OTHER	CLG WALL	YES	NO	1.50	6.50	R
CT	ACOUSTA BOARD - 300	FIBER GLASS	SINGLE MATERIAL	OTHER	CLG WALL	YES	NO	2.00	8.70	R
CT	COMMERCIAL BOARD - 150	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	EQUIPMENT	YES	YES	1.50	6.00	R
CT	COMMERCIAL BOARD - 150	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	EQUIPMENT	YES	YES	2.00	8.00	R
CT	COMMERCIAL BOARD - 150	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	EQUIPMENT	YES	YES	2.50	10.00	R
CT	COMMERCIAL BOARD - 150	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	EQUIPMENT	YES	YES	3.00	12.00	R
CT	COMMERCIAL BOARD - 150	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	EQUIPMENT	YES	YES	3.50	14.00	R
CT	COMMERCIAL BOARD - 150	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	EQUIPMENT	YES	YES	4.00	16.00	R
CT	COMMERCIAL BOARD - 150	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.50	6.00	R
CT	COMMERCIAL BOARD - 150	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.00	8.00	R
CT	COMMERCIAL BOARD - 150	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.50	10.00	R
CT	COMMERCIAL BOARD - 150	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	3.00	12.00	R
CT	COMMERCIAL BOARD - 150	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	3.50	14.00	R
CT	COMMERCIAL BOARD - 150	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	4.00	16.00	R
CT	COMMERCIAL BOARD - 150	FIBER GLASS	WMP FACED SGL MATERIAL	OTHER	EQUIPMENT	YES	YES	1.50	6.00	R
CT	COMMERCIAL BOARD - 150	FIBER GLASS	WMP FACED SGL MATERIAL	OTHER	EQUIPMENT	YES	YES	2.00	8.00	R
CT	COMMERCIAL BOARD - 150	FIBER GLASS	WMP FACED SGL MATERIAL	OTHER	EQUIPMENT	YES	YES	2.50	10.00	R
CT	COMMERCIAL BOARD - 150	FIBER GLASS	WMP FACED SGL MATERIAL	OTHER	EQUIPMENT	YES	YES	3.00	12.00	R
CT	COMMERCIAL BOARD - 150	FIBER GLASS	WMP FACED SGL MATERIAL	OTHER	EQUIPMENT	YES	YES	3.50	14.00	R
CT	COMMERCIAL BOARD - 150	FIBER GLASS	WMP FACED SGL MATERIAL	OTHER	EQUIPMENT	YES	YES	4.00	16.00	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	ASJ FACED SGL MATERIAL	PAPER	CLG WALL FLR	YES	YES	1.00	6.00	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	ASJ FACED SGL MATERIAL	PAPER	CLG WALL FLR	YES	YES	1.50	8.00	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	ASJ FACED SGL MATERIAL	PAPER	CLG WALL FLR	YES	YES	2.00	10.00	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	ASJ FACED SGL MATERIAL	PAPER	CLG WALL FLR	YES	YES	2.50	12.00	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	ASJ FACED SGL MATERIAL	PAPER	CLG WALL FLR	YES	YES	3.00	14.00	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	ASJ FACED SGL MATERIAL	PAPER	CLG WALL FLR	YES	YES	3.50	16.00	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	ASJ FACED SGL MATERIAL	PAPER	CLG WALL FLR	YES	YES	4.00	16.70	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	FSK FACED SGL MAT	METAL	CLG WALL FLR	YES	YES	1.00	4.20	R

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BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
CT	COMMERCIAL BOARD - 225	FIBER GLASS	FSK FACED SGL MAT	METAL	CLG WALL FLR	YES	YES	1.50	6.30	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	FSK FACED SGL MAT	METAL	CLG WALL FLR	YES	YES	2.00	8.30	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	FSK FACED SGL MAT	METAL	CLG WALL FLR	YES	YES	2.50	10.40	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	FSK FACED SGL MAT	METAL	CLG WALL FLR	YES	YES	3.00	12.50	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	FSK FACED SGL MAT	METAL	CLG WALL FLR	YES	YES	3.50	14.60	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	FSK FACED SGL MAT	METAL	CLG WALL FLR	YES	YES	4.00	16.60	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	1.00	4.20	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	1.50	6.30	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	2.00	8.30	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	2.50	10.40	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	3.00	12.50	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	3.50	14.60	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	4.00	16.70	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	WMP FACED SGL MATERIAL	OTHER	EQUIPMENT	YES	YES	1.00	4.20	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	WMP FACED SGL MATERIAL	OTHER	EQUIPMENT	YES	YES	1.50	6.30	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	WMP FACED SGL MATERIAL	OTHER	EQUIPMENT	YES	YES	2.00	8.30	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	WMP FACED SGL MATERIAL	OTHER	EQUIPMENT	YES	YES	2.50	10.40	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	WMP FACED SGL MATERIAL	OTHER	EQUIPMENT	YES	YES	3.00	12.50	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	WMP FACED SGL MATERIAL	OTHER	EQUIPMENT	YES	YES	3.50	14.60	R
CT	COMMERCIAL BOARD - 225	FIBER GLASS	WMP FACED SGL MATERIAL	OTHER	EQUIPMENT	YES	YES	4.00	16.70	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	ASJ FACED SGL MATERIAL	PAPER	CLG WALL FLR	YES	YES	1.00	4.30	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	ASJ FACED SGL MATERIAL	PAPER	CLG WALL FLR	YES	YES	1.50	6.50	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	ASJ FACED SGL MATERIAL	PAPER	CLG WALL FLR	YES	YES	2.00	8.70	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	ASJ FACED SGL MATERIAL	PAPER	CLG WALL FLR	YES	YES	2.50	10.90	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	ASJ FACED SGL MATERIAL	PAPER	CLG WALL FLR	YES	YES	3.00	13.00	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	ASJ FACED SGL MATERIAL	PAPER	CLG WALL FLR	YES	YES	3.50	15.20	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	ASJ FACED SGL MATERIAL	PAPER	CLG WALL FLR	YES	YES	4.00	17.40	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	EQUIPMENT	YES	YES	1.00	4.30	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	EQUIPMENT	YES	YES	1.50	6.50	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	EQUIPMENT	YES	YES	2.00	8.70	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	EQUIPMENT	YES	YES	2.50	10.90	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	EQUIPMENT	YES	YES	3.00	13.00	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	EQUIPMENT	YES	YES	3.50	15.20	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	EQUIPMENT	YES	YES	4.00	17.40	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	1.00	4.30	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	1.50	6.50	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	2.00	8.70	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	2.50	10.90	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	3.00	13.00	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	3.50	15.20	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	4.00	17.40	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	WMP FACED SGL MATERIAL	OTHER	EQUIPMENT	YES	YES	1.00	4.30	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	WMP FACED SGL MATERIAL	OTHER	EQUIPMENT	YES	YES	1.50	6.50	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	WMP FACED SGL MATERIAL	OTHER	EQUIPMENT	YES	YES	2.00	8.70	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	WMP FACED SGL MATERIAL	OTHER	EQUIPMENT	YES	YES	2.50	10.90	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	WMP FACED SGL MATERIAL	OTHER	EQUIPMENT	YES	YES	3.00	13.00	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	WMP FACED SGL MATERIAL	OTHER	EQUIPMENT	YES	YES	3.50	15.20	R
CT	COMMERCIAL BOARD - 300	FIBER GLASS	WMP FACED SGL MATERIAL	OTHER	EQUIPMENT	YES	YES	4.00	17.40	R
CT	COMMERCIAL BOARD - 600	FIBER GLASS	ASJ FACED SGL MATERIAL	PAPER	EQUIPMENT	YES	YES	1.00	4.50	R
CT	COMMERCIAL BOARD - 600	FIBER GLASS	ASJ FACED SGL MATERIAL	PAPER	EQUIPMENT	YES	YES	1.50	6.80	R
CT	COMMERCIAL BOARD - 600	FIBER GLASS	ASJ FACED SGL MATERIAL	PAPER	EQUIPMENT	YES	YES	2.00	9.10	R
CT	COMMERCIAL BOARD - 600	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	EQUIPMENT	YES	YES	1.00	4.50	R
CT	COMMERCIAL BOARD - 600	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	EQUIPMENT	YES	YES	1.50	6.80	R
CT	COMMERCIAL BOARD - 600	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	EQUIPMENT	YES	YES	2.00	9.10	R
CT	COMMERCIAL BOARD - 600	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.00	4.50	R
CT	COMMERCIAL BOARD - 600	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.50	6.80	R
CT	COMMERCIAL BOARD - 600	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.00	9.10	R

BHGS - THERMAL INSULATION DIRECTORY
BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
CT	COMMERCIAL BOARD - 600	FIBER GLASS	WMP FACED SGL MATERIAL	OTHER	EQUIPMENT	YES	YES	1.00	4.50	R
CT	COMMERCIAL BOARD - 600	FIBER GLASS	WMP FACED SGL MATERIAL	OTHER	EQUIPMENT	YES	YES	1.50	6.80	R
CT	COMMERCIAL BOARD - 600	FIBER GLASS	WMP FACED SGL MATERIAL	OTHER	EQUIPMENT	YES	YES	2.00	9.10	R
CT	IGID LINER BOARD WITH TOUGHGARD FACIN	FIBER GLASS	GLASS MAT FACED	MTL/FAB	DUCTS	YES	NO	1.00	4.30	R
CT	IGID LINER BOARD WITH TOUGHGARD FACIN	FIBER GLASS	GLASS MAT FACED	MTL/FAB	DUCTS	YES	NO	1.50	6.50	R
CT	IGID LINER BOARD WITH TOUGHGARD FACIN	FIBER GLASS	GLASS MAT FACED	MTL/FAB	DUCTS	YES	NO	2.00	8.70	R
CT	ULTRADUCT BLACK - 475	FIBER GLASS	FSK FCD SGL MATERIAL	METAL	DUCTS	YES	YES	1.00	4.30	R
CT	ULTRADUCT BLACK - 800	FIBER GLASS	FSK FCD SGL MATERIAL	METAL	DUCTS	YES	YES	1.50	6.50	R
CT	ULTRADUCT BLACK - 800	FIBER GLASS	FSK FCD SGL MATERIAL	METAL	DUCTS	YES	YES	2.00	8.70	R

* DESCRIPTION OF BRAND CODES:
CT = CERTAINTTEED

Johns Manville - T 1039					Updated 06/16/2026					
FGS	ES-269.00.010405	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.75	0.14	C
FGS	ES-269.00.05	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.75	0.36	C
FGS	ES-269.00.05	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.94	0.27	C
FGS	ES-269.00.05	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.00	0.25	C
FGS	ES-269.00.05	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.06	0.24	C
FGS	ES-269.00.05	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.31	0.19	C
FGS	ES-269.00.05	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.44	0.17	C
FGS	ES-269.00.05	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.56	0.16	C
FGS	ES-269.00.05	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.63	0.15	C
FGS	ES-269.01.04.05	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.88	0.13	C
FGS	ES-269.01.04.05	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.06	0.12	C
FGS	ES-269.01.04.05	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.25	0.11	C
FGS	ES-269.01.04.05	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.44	0.10	C
FGS	ES-269.04	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.75	0.36	C
FGS	ES-269.06	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.75	0.09	C
JM	812 BOARD	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	1.00	0.24	K
JM	812 BOARD	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	1.50	0.24	K
JM	812 BOARD	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	2.00	0.24	K
JM	812 BOARD	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	2.50	0.24	K
JM	812 BOARD	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	3.00	0.24	K
JM	812 BOARD	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	3.50	0.24	K
JM	812 BOARD	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	4.00	0.24	K
JM	812 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.00	0.24	K
JM	812 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.50	0.24	K
JM	812 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	0.24	K
JM	812 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.50	0.24	K
JM	812 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	3.00	0.24	K
JM	812 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	3.50	0.24	K
JM	812 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	4.00	0.24	K
JM	814 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.00	0.23	K
JM	814 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.50	0.23	K
JM	814 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	0.23	K
JM	814 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.50	0.23	K
JM	814 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	3.00	0.23	K
JM	814 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	3.50	0.23	K
JM	814 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	4.00	0.23	K
JM	814 BD/FSK/AP	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	1.00	0.23	K
JM	814 BD/FSK/AP	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	1.50	0.23	K
JM	814 BD/FSK/AP	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	2.00	0.23	K
JM	814 BD/FSK/AP	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	2.50	0.23	K
JM	814 BD/FSK/AP	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	3.00	0.23	K
JM	814 BD/FSK/AP	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	3.50	0.23	K
JM	814 BD/FSK/AP	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	4.00	0.23	K

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BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

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JM	815 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.00	0.22	K
JM	815 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.50	0.22	K
JM	815 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	0.22	K
JM	815 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.50	0.22	K
JM	815 BD/FSK/AP	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	1.00	0.22	K
JM	815 BD/FSK/AP	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	1.50	0.22	K
JM	815 BD/FSK/AP	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	2.00	0.22	K
JM	815 BD/FSK/AP	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	2.50	0.22	K
JM	817 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.00	0.22	K
JM	817 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.50	0.22	K
JM	817 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	0.22	K
JM	817 BD/FSK/AP	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	1.00	0.22	K
JM	817 BD/FSK/AP	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	1.50	0.22	K
JM	817 BD/FSK/AP	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	2.00	0.22	K
JM	1000 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.00	0.22	K
JM	1000 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.50	0.23	K
JM	1000 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.00	0.23	K
JM	1000 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.50	0.23	K
JM	1000 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	3.00	0.23	K
JM	1000 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	3.50	0.23	K
JM	1000 BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	4.00	0.23	K
JM	COATED I.S. BLACK	FIBER GLASS	FACED SINGLE MATERIAL	COATING	WALL CLG	YES	NO	1.00	4.00	R
JM	COATED I.S. BLACK	FIBER GLASS	FACED SINGLE MATERIAL	COATING	WALL CLG	YES	NO	2.00	8.00	R
JM	CURTAINWALL40	MINERAL WOOL	FACED SINGLE MATERIAL	FSK	WALL	NO	YES	3.00	12.00	R
JM	CURTAINWALL40	MINERAL WOOL	FACED SINGLE MATERIAL	FSK	WALL	NO	YES	3.50	14.00	R
JM	CURTAINWALL40	MINERAL WOOL	FACED SINGLE MATERIAL	FSK	WALL	NO	YES	4.00	16.00	R
JM	CURTAINWALL40	MINERAL WOOL	FACED SINGLE MATERIAL	FSK	WALL	NO	YES	4.50	18.00	R
JM	CURTAINWALL40	MINERAL WOOL	FACED SINGLE MATERIAL	FSK	WALL	NO	YES	5.00	20.00	R
JM	CURTAINWALL40	MINERAL WOOL	FACED SINGLE MATERIAL	FSK	WALL	NO	YES	5.50	22.00	R
JM	CURTAINWALL40	MINERAL WOOL	FACED SINGLE MATERIAL	FSK	WALL	NO	YES	6.00	24.00	R
JM	CURTAINWALL40	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	1.50	6.00	R
JM	CURTAINWALL40	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	2.00	8.00	R
JM	CURTAINWALL40	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	2.50	10.00	R
JM	CURTAINWALL40	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	3.00	12.00	R
JM	CURTAINWALL40	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	3.50	14.00	R
JM	CURTAINWALL40	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	4.00	16.00	R
JM	CURTAINWALL40	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	4.50	18.00	R
JM	CURTAINWALL40	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	5.00	20.00	R
JM	CURTAINWALL40	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	5.50	22.00	R
JM	CURTAINWALL40	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	6.00	24.00	R
JM	CURTAINWALL80	MINERAL WOOL	FACED SINGLE MATERIAL	FSK	WALL	NO	YES	1.50	6.30	R
JM	CURTAINWALL80	MINERAL WOOL	FACED SINGLE MATERIAL	FSK	WALL	NO	YES	2.00	8.40	R
JM	CURTAINWALL80	MINERAL WOOL	FACED SINGLE MATERIAL	FSK	WALL	NO	YES	2.50	10.50	R
JM	CURTAINWALL80	MINERAL WOOL	FACED SINGLE MATERIAL	FSK	WALL	NO	YES	3.00	12.60	R
JM	CURTAINWALL80	MINERAL WOOL	FACED SINGLE MATERIAL	FSK	WALL	NO	YES	3.50	14.70	R
JM	CURTAINWALL80	MINERAL WOOL	FACED SINGLE MATERIAL	FSK	WALL	NO	YES	4.00	16.80	R
JM	CURTAINWALL80	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	1.50	6.30	R
JM	CURTAINWALL80	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	2.00	8.40	R
JM	CURTAINWALL80	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	2.50	10.50	R
JM	CURTAINWALL80	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	3.00	12.60	R
JM	CURTAINWALL80	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	3.50	14.70	R
JM	CURTAINWALL80	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	4.00	16.80	R
JM	DIFFUSER BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.00	4.30	R
JM	DIFFUSER BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.38	6.00	R
JM	DIFFUSER BOARD	FIBER GLASS	FACED SINGLE MATERIAL	FSK	DUCTS	YES	YES	1.00	4.30	R
JM	DIFFUSER BOARD	FIBER GLASS	FACED SINGLE MATERIAL	FSK	DUCTS	YES	YES	1.38	6.00	R

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JM	EQUIPMENT SPIN-GLAS BOARD	FIBER GLASS	FACED SINGLE MATERIAL	FSK	EQUIPMENT	YES	YES	0.63	0.23	K
JM	EQUIPMENT SPIN-GLAS BOARD	FIBER GLASS	FACED SINGLE MATERIAL	FSK	EQUIPMENT	YES	YES	0.75	0.23	K
JM	EQUIPMENT SPIN-GLAS BOARD	FIBER GLASS	FACED SINGLE MATERIAL	FSK	EQUIPMENT	YES	YES	1.00	0.23	K
JM	EQUIPMENT SPIN-GLAS BOARD	FIBER GLASS	FACED SINGLE MATERIAL	FSK	EQUIPMENT	YES	YES	1.50	0.23	K
JM	EQUIPMENT SPIN-GLAS BOARD	FIBER GLASS	FACED SINGLE MATERIAL	FSK	EQUIPMENT	YES	YES	2.00	0.23	K
JM	EQUIPMENT SPIN-GLAS BOARD	FIBER GLASS	FACED SINGLE MATERIAL	FSK	EQUIPMENT	YES	YES	2.50	0.23	K
JM	EQUIPMENT SPIN-GLAS BOARD	FIBER GLASS	FACED SINGLE MATERIAL	FSK	EQUIPMENT	YES	YES	3.00	0.23	K
JM	EQUIPMENT SPIN-GLAS BOARD	FIBER GLASS	FACED SINGLE MATERIAL	FSK	EQUIPMENT	YES	YES	3.50	0.23	K
JM	EQUIPMENT SPIN-GLAS BOARD	FIBER GLASS	FACED SINGLE MATERIAL	FSK	EQUIPMENT	YES	YES	4.00	0.23	K
JM	EQUIPMENT SPIN-GLAS BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	0.63	0.23	K
JM	EQUIPMENT SPIN-GLAS BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	0.75	0.23	K
JM	EQUIPMENT SPIN-GLAS BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.00	0.23	K
JM	EQUIPMENT SPIN-GLAS BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.50	0.23	K
JM	EQUIPMENT SPIN-GLAS BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.00	0.23	K
JM	EQUIPMENT SPIN-GLAS BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.50	0.23	K
JM	EQUIPMENT SPIN-GLAS BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	3.00	0.23	K
JM	EQUIPMENT SPIN-GLAS BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	3.50	0.23	K
JM	EQUIPMENT SPIN-GLAS BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	4.00	0.23	K
JM	EXACT-O-BOARD 2.0 PCF	FIBER GLASS	COMPOSITE	NONE	EQUIPMENT	YES	NO	0.38	0.23	K
JM	EXACT-O-BOARD 3.0 PCF	FIBER GLASS	COMPOSITE	NONE	EQUIPMENT	YES	NO	0.25	0.22	K
JM	FITTING FAB BOARD	FIBER GLASS	FACED SINGLE MATERIAL	FSK	DUCTS	YES	YES	1.00	4.30	R
JM	FITTING FAB BOARD	FIBER GLASS	FACED SINGLE MATERIAL	FSK	DUCTS	YES	YES	1.50	6.50	R
JM	FITTING FAB BOARD	FIBER GLASS	FACED SINGLE MATERIAL	FSK	DUCTS	YES	YES	2.00	8.70	R
JM	GLASSDEK	FIBER GLASS	FACED SINGLE MATERIAL	FBR GLS	FLOOR	YES	NO	1.00	0.23	K
JM	GLASSDEK	FIBER GLASS	FACED SINGLE MATERIAL	FBR GLS	FLOOR	YES	NO	1.25	0.23	K
JM	GLASSDEK	FIBER GLASS	FACED SINGLE MATERIAL	FBR GLS	FLOOR	YES	NO	1.50	0.23	K
JM	GLASSDEK	FIBER GLASS	FACED SINGLE MATERIAL	FBR GLS	FLOOR	YES	NO	1.75	0.23	K
JM	GLASSDEK	FIBER GLASS	FACED SINGLE MATERIAL	FBR GLS	FLOOR	YES	NO	2.00	0.23	K
JM	HTB 26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.00	0.26	K
JM	HTB 26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.00	0.26	K
JM	HTB 26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	3.00	0.26	K
JM	HTB 26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	4.00	0.26	K
JM	I.S. 300	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.00	4.30	R
JM	I.S. 300	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.50	6.50	R
JM	I.S. 300	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.70	R
JM	I.S. 300	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	3.00	13.00	R
JM	I.S. 300 BLACK	FIBER GLASS	FACED SINGLE MATERIAL	FBR GLS	WALL CLG	YES	NO	1.00	4.30	R
JM	I.S. 300 BLACK	FIBER GLASS	FACED SINGLE MATERIAL	FBR GLS	WALL CLG	YES	NO	1.50	6.50	R
JM	I.S. 300 BLACK	FIBER GLASS	FACED SINGLE MATERIAL	FBR GLS	WALL CLG	YES	NO	2.00	8.70	R
JM	I.S. 300 BLACK	FIBER GLASS	FACED SINGLE MATERIAL	FBR GLS	WALL CLG	YES	NO	3.00	13.00	R
JM	I.S. 300 FSK/AP	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	NO	NO	1.00	4.30	R
JM	I.S. 300 FSK/AP	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	NO	NO	1.50	6.50	R
JM	I.S. 300 FSK/AP	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	NO	NO	2.00	8.70	R
JM	I.S. 300 FSK/AP	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	NO	NO	3.00	13.00	R
JM	I.S. 600	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.50	6.80	R
JM	I.S. 600	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	9.10	R
JM	I.S. 600 BLACK	FIBER GLASS	FACED SINGLE MATERIAL	FBR GLS	WALL CLG	YES	NO	2.00	9.10	R
JM	I.S. 600 FSK/AP	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	1.50	6.80	R
JM	I.S. 600 FSK/AP	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	2.00	9.10	R
JM	INCOMB HULLBD	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	1.00	0.23	K
JM	INCOMB HULLBD	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	1.50	0.23	K
JM	INCOMB HULLBD	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	1.75	0.23	K
JM	INCOMB HULLBD	FIBER GLASS	SINGLE MATERIAL	NONE	CLG WALL FLR	YES	NO	2.00	0.23	K
JM	MAD BD 475	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	1.00	4.30	R
JM	MAD BD 800	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	1.50	6.50	R
JM	MAD BD 800	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	2.00	8.70	R
JM	MICRO-FLEX AP/FSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/FLAS	EQUIP/PIPES	YES	YES	1.00	0.23	K

BHGS - THERMAL INSULATION DIRECTORY
BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
JM	MICRO-FLEX AP/FSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/FLAS	EQUIP/PIPES	YES	YES	1.50	0.23	K
JM	MICRO-FLEX AP/FSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/PIPES	YES	YES	2.00	0.23	K
JM	MICRO-FLEX AP/FSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/FLAS	EQUIP/PIPES	YES	YES	2.50	0.23	K
JM	MICRO-FLEX AP/FSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/FLAS	EQUIP/PIPES	YES	YES	3.00	0.23	K
JM	MICRO-FLEX AP/FSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/FLAS	EQUIP/PIPES	YES	YES	3.50	0.23	K
JM	MICRO-FLEX AP/FSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/PIPES	YES	YES	4.00	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	0.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	1.00	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	1.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	2.00	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	2.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	3.00	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	3.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	4.00	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	4.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	5.00	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	0.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	1.00	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	1.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	2.00	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	2.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	3.00	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	3.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	4.00	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	4.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	5.00	0.23	K
JM	MICRO-LOK HP ULTRA	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	0.50	0.23	K
JM	MICRO-LOK HP ULTRA	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	1.00	0.23	K
JM	MICRO-LOK HP ULTRA	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	1.50	0.23	K
JM	MICRO-LOK HP ULTRA	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	2.00	0.23	K
JM	MICRO-LOK HP ULTRA	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	2.50	0.23	K
JM	MICRO-LOK HP ULTRA	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	3.00	0.23	K
JM	MICRO-LOK HP ULTRA	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	3.50	0.23	K
JM	MICRO-LOK HP ULTRA	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	4.00	0.23	K
JM	MICRO-LOK HP ULTRA	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	4.50	0.23	K
JM	MICRO-LOK HP ULTRA	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	5.00	0.23	K
JM	MINWOOL SAFING	MINERAL WOOL	FACED SINGLE MATERIAL	FSK	WALL	NO	YES	1.50	5.55	R
JM	MINWOOL SAFING	MINERAL WOOL	FACED SINGLE MATERIAL	FSK	WALL	NO	YES	2.00	7.40	R
JM	MINWOOL SAFING	MINERAL WOOL	FACED SINGLE MATERIAL	FSK	WALL	NO	YES	2.50	9.25	R
JM	MINWOOL SAFING	MINERAL WOOL	FACED SINGLE MATERIAL	FSK	WALL	NO	YES	3.00	11.10	R
JM	MINWOOL SAFING	MINERAL WOOL	FACED SINGLE MATERIAL	FSK	WALL	NO	YES	3.50	12.95	R
JM	MINWOOL SAFING	MINERAL WOOL	FACED SINGLE MATERIAL	FSK	WALL	NO	YES	4.00	14.80	R
JM	MINWOOL SAFING	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	1.50	5.55	R
JM	MINWOOL SAFING	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	2.00	7.40	R
JM	MINWOOL SAFING	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	2.50	9.25	R
JM	MINWOOL SAFING	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	3.00	11.10	R
JM	MINWOOL SAFING	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	3.50	12.95	R
JM	MINWOOL SAFING	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	4.00	14.80	R
JM	PRECIPITATOR SG	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.00	0.23	K
JM	PRECIPITATOR SG	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.50	0.23	K
JM	PRECIPITATOR SG	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.00	0.23	K
JM	PRECIPITATOR SG	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.50	0.23	K
JM	PRECIPITATOR SG	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	3.00	0.23	K
JM	PRECIPITATOR SG	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	4.00	0.23	K
JM	SAFB	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	1.50	5.55	R
JM	SAFB	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	2.00	7.40	R
JM	SAFB	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	2.50	9.25	R

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JM	SAFB	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	3.00	11.10	R
JM	SAFB	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	3.50	12.95	R
JM	SAFB	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	4.00	14.80	R
JM	SAFB	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	4.50	16.65	R
JM	SAFB	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	5.00	18.50	R
JM	SAFB	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	5.50	20.35	R
JM	SAFB	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	6.00	22.20	R
JM	SAFB	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	6.50	24.05	R
JM	SAFB	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	7.00	25.90	R
JM	SAFB	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	7.50	27.75	R
JM	SAFB	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	8.00	29.60	R
JM	SPIRACOUSTIC PLUS	FIBER GLASS	FACED SINGLE MATERIAL	FSK	DUCTS	YES	YES	1.00	4.30	R
JM	SPIRACOUSTIC PLUS	FIBER GLASS	FACED SINGLE MATERIAL	FSK	DUCTS	YES	YES	1.50	6.50	R
JM	SPIRACOUSTIC PLUS	FIBER GLASS	FACED SINGLE MATERIAL	FSK	DUCTS	YES	YES	2.00	8.70	R
JM	SUPERDUCT 475	FIBER GLASS	COMPOSITE	METAL FOIL	DUCTS	YES	YES	1.00	4.30	R
JM	SUPERDUCT 800	FIBER GLASS	COMPOSITE	METAL FOIL	DUCTS	YES	YES	1.50	6.50	R
JM	SUPERDUCT 800	FIBER GLASS	COMPOSITE	METAL FOIL	DUCTS	YES	YES	2.00	8.70	R
JM	SUPERROUND	FIBER GLASS	COMPOSITE	METAL FOIL	DUCTS	YES	YES	1.00	0.23	K
JM	SUSPEND-R	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	CEILING	YES	YES	1.50	6.00	R
JM	TEMPCONTROL	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	3.50	13.00	R
JM	TEMPCONTROL	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	3.50	15.00	R
JM	TEMPCONTROL	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	5.50	21.00	R
JM	TEMPCONTROL	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	5.50	23.00	R
JM	TEMPCONTROL	MINERAL WOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	7.25	30.00	R
JM	THERMOLINER	FIBER GLASS	SINGLE MATERIAL	PLASTIC	CEILING WALL	YES	YES	1.50	6.00	R
JM	WHISPERTONE WALLBOARD 3.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	CEILINGS	YES	NO	1.00	0.23	K
JM	WHISPERTONE WALLBOARD 3.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	CEILINGS	YES	NO	2.00	0.23	K
JM	WHISPERTONE WALLBOARD 6.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	CEILINGS	YES	NO	1.00	0.22	K
JM	WHISPERTONE WALLBOARD 6.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	CEILINGS	YES	NO	2.00	0.22	K
JM	WHISPERTONE MICROMAT 1.8 PCF	FIBER GLASS	COMPOSITE	FIBERGLASS	PANELS	YES	NO	0.25	0.24	K
JM	WHISPERTONE MICROMAT 1.8 PCF	FIBER GLASS	COMPOSITE	FIBERGLASS	PANELS	YES	NO	0.50	0.24	K
JM	WHISPERTONE MICROMAT 1.8 PCF	FIBER GLASS	COMPOSITE	FIBERGLASS	PANELS	YES	NO	0.75	0.24	K
JM	WHISPERTONE MICROMAT 1.8 PCF	FIBER GLASS	COMPOSITE	FIBERGLASS	PANELS	YES	NO	1.00	0.24	K
JM	WHISPERTONE MICROMAT 2.0 PCF	FIBER GLASS	COMPOSITE	FIBERGLASS	PANELS	YES	NO	0.25	0.23	K
JM	WHISPERTONE MICROMAT 2.0 PCF	FIBER GLASS	COMPOSITE	FIBERGLASS	PANELS	YES	NO	0.50	0.23	K
JM	WHISPERTONE MICROMAT 2.0 PCF	FIBER GLASS	COMPOSITE	FIBERGLASS	PANELS	YES	NO	0.75	0.23	K
JM	WHISPERTONE MICROMAT 2.0 PCF	FIBER GLASS	COMPOSITE	FIBERGLASS	PANELS	YES	NO	1.00	0.23	K
JM	ZESTON HI-LO INSULATION INSERTS	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.00	0.23	K

* DESCRIPTION OF BRAND CODES:

JM = JOHNS MANVILLE

FGS = FIBERGLASS

Knauf Insulation - T 1002						Updated 10/27/2025				
KNF	ADB MFG HSG	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	0.8125	3.50	R
KNF	AK BOARD FCD 2.25PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	1.50	6.50	R
KNF	AK BOARD FCD 2.25PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	2.00	8.70	R
KNF	AK BOARD FCD 2.25PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	3.00	13.00	R
KNF	AK BOARD FCD 2.25PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	4.00	17.40	R
KNF	AK BOARD FCD 3.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	KRAFT	WALL	YES	YES	1.00	4.30	R
KNF	AK BOARD FCD 3.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	KRAFT	WALL	YES	YES	1.50	6.50	R
KNF	AK BOARD FCD 3.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	KRAFT	WALL	YES	YES	2.00	8.70	R
KNF	AK BOARD FCD 3.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	KRAFT	WALL	YES	YES	3.00	13.00	R
KNF	AK BOARD FCD 3.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	KRAFT	WALL	YES	YES	4.00	17.40	R
KNF	AK BOARD FCD 3.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	1.00	4.30	R
KNF	AK BOARD FCD 3.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	1.50	6.50	R
KNF	AK BOARD FCD 3.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	2.00	8.70	R
KNF	AK BOARD FCD 3.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	3.00	13.00	R

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KNF	AK BOARD FCD 3.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	4.00	17.40	R
KNF	AK BOARD FCD 4.25PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	1.00	4.30	R
KNF	AK BOARD FCD 4.25PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	1.50	6.50	R
KNF	AK BOARD FCD 4.25PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	2.00	8.70	R
KNF	AK BOARD FCD 4.25PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	2.50	10.90	R
KNF	AK BOARD FCD 6.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	KRAFT	WALL	YES	YES	1.00	4.40	R
KNF	AK BOARD FCD 6.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	KRAFT	WALL	YES	YES	1.50	6.70	R
KNF	AK BOARD FCD 6.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	KRAFT	WALL	YES	YES	2.00	8.90	R
KNF	AK BOARD FCD 6.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	1.00	4.40	R
KNF	AK BOARD FCD 6.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	1.50	6.70	R
KNF	AK BOARD FCD 6.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	2.00	8.90	R
KNF	AK BOARD PLN 1.6PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.50	6.30	R
KNF	AK BOARD PLN 1.6PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.30	R
KNF	AK BOARD PLN 1.6PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	3.00	12.50	R
KNF	AK BOARD PLN 1.6PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	4.00	16.70	R
KNF	AK BOARD PLN 2.25PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.50	6.50	R
KNF	AK BOARD PLN 2.25PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.70	R
KNF	AK BOARD PLN 2.25PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	3.00	13.00	R
KNF	AK BOARD PLN 2.25PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	4.00	17.40	R
KNF	AK BOARD PLN 3.0PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.00	4.30	R
KNF	AK BOARD PLN 3.0PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.50	6.50	R
KNF	AK BOARD PLN 3.0PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.70	R
KNF	AK BOARD PLN 3.0PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	3.00	13.00	R
KNF	AK BOARD PLN 3.0PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	4.00	17.40	R
KNF	AK BOARD PLN 4.25PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.00	4.30	R
KNF	AK BOARD PLN 4.25PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.50	6.50	R
KNF	AK BOARD PLN 4.25PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.70	R
KNF	AK BOARD PLN 4.25PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	2.50	10.90	R
KNF	AK BOARD PLN 6.0PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.00	4.40	R
KNF	AK BOARD PLN 6.0PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.50	6.70	R
KNF	AK BOARD PLN 6.0PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.90	R
KNF	AKOUSTI-LINER R 3PCF	FIBER GLASS	COMPOSITE	PLASTIC	DUCTS	YES	NO	1.00	4.30	R
KNF	AKOUSTI-LINER R 3PCF	FIBER GLASS	COMPOSITE	PLASTIC	DUCTS	YES	NO	1.50	6.50	R
KNF	AKOUSTI-LINER R 3PCF	FIBER GLASS	COMPOSITE	PLASTIC	DUCTS	YES	NO	2.00	8.60	R
KNF	INSULBD FCD 2.25PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	1.50	6.50	R
KNF	INSULBD FCD 2.25PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	2.00	8.70	R
KNF	INSULBD FCD 2.25PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	3.00	13.00	R
KNF	INSULBD FCD 2.25PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	4.00	17.40	R
KNF	INSULBD FCD 3.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	KRAFT	WALL	YES	YES	1.00	4.30	R
KNF	INSULBD FCD 3.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	KRAFT	WALL	YES	YES	1.50	6.50	R
KNF	INSULBD FCD 3.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	KRAFT	WALL	YES	YES	2.00	8.70	R
KNF	INSULBD FCD 3.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	KRAFT	WALL	YES	YES	3.00	13.00	R
KNF	INSULBD FCD 3.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	KRAFT	WALL	YES	YES	4.00	17.40	R
KNF	INSULBD FCD 3.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	1.00	4.30	R
KNF	INSULBD FCD 3.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	1.50	6.50	R
KNF	INSULBD FCD 3.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	2.00	8.70	R
KNF	INSULBD FCD 3.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	3.00	13.00	R
KNF	INSULBD FCD 3.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	4.00	17.40	R
KNF	INSULBD FCD 4.25PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	1.00	4.30	R
KNF	INSULBD FCD 4.25PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	1.50	6.50	R
KNF	INSULBD FCD 4.25PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	2.00	8.70	R
KNF	INSULBD FCD 4.25PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	2.50	10.90	R
KNF	INSULBD FCD 6.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	KRAFT	WALL	YES	YES	1.00	4.40	R
KNF	INSULBD FCD 6.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	KRAFT	WALL	YES	YES	1.50	6.70	R
KNF	INSULBD FCD 6.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	KRAFT	WALL	YES	YES	2.00	8.90	R
KNF	INSULBD FCD 6.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	1.00	4.40	R
KNF	INSULBD FCD 6.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	1.50	6.70	R
KNF	INSULBD FCD 6.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	WALL	YES	YES	2.00	8.90	R
KNF	INSULBD PLN 1.6PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.50	6.30	R
KNF	INSULBD PLN 1.6PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.30	R

BHGS - THERMAL INSULATION DIRECTORY
BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
KNF	INSULBD PLN 1.6PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	3.00	12.50	R
KNF	INSULBD PLN 1.6PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	4.00	16.70	R
KNF	INSULBD PLN 2.25PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.50	6.50	R
KNF	INSULBD PLN 2.25PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.70	R
KNF	INSULBD PLN 2.25PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	3.00	13.00	R
KNF	INSULBD PLN 2.25PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	4.00	17.40	R
KNF	INSULBD PLN 3.0PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.00	4.30	R
KNF	INSULBD PLN 3.0PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.50	6.50	R
KNF	INSULBD PLN 3.0PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.70	R
KNF	INSULBD PLN 3.0PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	3.00	13.00	R
KNF	INSULBD PLN 3.0PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	4.00	17.40	R
KNF	INSULBD PLN 4.25PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.00	4.30	R
KNF	INSULBD PLN 4.25PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.50	6.50	R
KNF	INSULBD PLN 4.25PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.70	R
KNF	INSULBD PLN 4.25PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	2.50	10.90	R
KNF	INSULBD PLN 6.0PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.00	4.40	R
KNF	INSULBD PLN 6.0PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.50	6.70	R
KNF	INSULBD PLN 6.0PCF	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.90	R
KNF	PERFORMANCE+ ADB 475	FIBER GLASS	COMPOSITE	METAL	DUCTS	YES	YES	1.00	4.30	R
KNF	PERFORMANCE+ ADB 800	FIBER GLASS	COMPOSITE	METAL	DUCTS	YES	YES	1.00	4.30	R
KNF	PERFORMANCE+ ADB 800	FIBER GLASS	COMPOSITE	METAL	DUCTS	YES	YES	1.50	6.50	R
KNF	PERFORMANCE+ ADB 800	FIBER GLASS	COMPOSITE	METAL	DUCTS	YES	YES	2.00	8.70	R
KNF	RGD DT LIN 3PCF	FIBER GLASS	COMPOSITE	PLASTIC	DUCTS	YES	NO	1.00	4.30	R
KNF	RGD DT LIN 3PCF	FIBER GLASS	COMPOSITE	PLASTIC	DUCTS	YES	NO	1.50	6.50	R
KNF	RGD DT LIN 3PCF	FIBER GLASS	COMPOSITE	PLASTIC	DUCTS	YES	NO	2.00	8.60	R
KNF	RGD DT LIN 3PCF	FIBER GLASS	COMPOSITE	PLASTIC	DUCTS	YES	NO	3.00	13.00	R

* DESCRIPTION OF BRAND CODES:
KNF = KNAUF INSULATION

Owens-Corning Insulating Systems LLC - T 1428						Updated 12/8/2023				
FG	DUCT LINER BOARD	FIBERGLASS	SINGLE MATERIAL	OTHER	DUCTS	YES	NO	1.00	0.23	K
FG	DUCT LINER BOARD	FIBERGLASS	SINGLE MATERIAL	OTHER	DUCTS	YES	NO	2.00	0.23	K
FG	INSUL-QUICK	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.00	0.23	K
FG	INSUL-QUICK	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.50	0.23	K
FG	INSUL-QUICK	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.00	0.23	K
FG	INSUL-QUICK	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.50	0.23	K
FG	INSUL-QUICK	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	3.00	0.23	K
FG	INSUL-QUICK	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	3.50	0.23	K
FG	INSUL-QUICK	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	4.00	0.23	K
FG	WALL & INDUS 703	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.23	K
FG	WALL & INDUS 703	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.25	0.23	K
FG	WALL & INDUS 703	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.23	K
FG	WALL & INDUS 703	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.23	K
FG	WALL & INDUS 703	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.23	K
FG	WALL & INDUS 703	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.23	K
FG	WALL & INDUS 703	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.25	0.23	K
FG	WALL & INDUS 703	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.50	0.23	K
FG	WALL & INDUS 703	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	4.00	0.23	K
FG	WALL & INDUS 705	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.23	K
FG	WALL & INDUS 705	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.23	K
FG	WALL & INDUS 705	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.23	K
FG	WALL & INDUS 705	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.23	K
FG	WALL & INDUS 705	FIBERGLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.23	K
FG	WALL&IND ASJ 703	FIBERGLASS	FACED SINGLE MATERIAL	METAL	EQUIPMENT	YES	YES	1.00	0.23	K
FG	WALL&IND ASJ 703	FIBERGLASS	FACED SINGLE MATERIAL	METAL	EQUIPMENT	YES	YES	1.50	0.23	K
FG	WALL&IND ASJ 703	FIBERGLASS	FACED SINGLE MATERIAL	METAL	EQUIPMENT	YES	YES	2.00	0.23	K
FG	WALL&IND ASJ 703	FIBERGLASS	FACED SINGLE MATERIAL	METAL	EQUIPMENT	YES	YES	2.50	0.23	K
FG	WALL&IND ASJ 703	FIBERGLASS	FACED SINGLE MATERIAL	METAL	EQUIPMENT	YES	YES	3.00	0.23	K

BHGS - THERMAL INSULATION DIRECTORY
BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
FG	WALL&IND ASJ 705	FIBERGLASS	FACED SINGLE MATERIAL	METAL	EQUIPMENT	YES	YES	1.00	0.23	K
FG	WALL&IND ASJ 705	FIBERGLASS	FACED SINGLE MATERIAL	METAL	EQUIPMENT	YES	YES	1.50	0.23	K
FG	WALL&IND ASJ 705	FIBERGLASS	FACED SINGLE MATERIAL	METAL	EQUIPMENT	YES	YES	2.00	0.23	K
FG	WALL&IND ASJ 705	FIBERGLASS	FACED SINGLE MATERIAL	METAL	EQUIPMENT	YES	YES	2.50	0.23	K
FG	WALL&IND ASJ 705	FIBERGLASS	FACED SINGLE MATERIAL	METAL	EQUIPMENT	YES	YES	3.00	0.23	K
FG	WALL&IND FRK 703	FIBERGLASS	FACED SINGLE MATERIAL	METAL	EQUIPMENT	YES	YES	1.00	0.23	K
FG	WALL&IND FRK 703	FIBERGLASS	FACED SINGLE MATERIAL	METAL	EQUIPMENT	YES	YES	1.50	0.23	K
FG	WALL&IND FRK 703	FIBERGLASS	FACED SINGLE MATERIAL	METAL	EQUIPMENT	YES	YES	2.00	0.23	K
FG	WALL&IND FRK 703	FIBERGLASS	FACED SINGLE MATERIAL	METAL	EQUIPMENT	YES	YES	2.50	0.23	K
FG	WALL&IND FRK 703	FIBERGLASS	FACED SINGLE MATERIAL	METAL	EQUIPMENT	YES	YES	3.00	0.23	K
FG	WALL&IND FRK 705	FIBERGLASS	FACED SINGLE MATERIAL	METAL	EQUIPMENT	YES	YES	1.00	0.23	K
FG	WALL&IND FRK 705	FIBERGLASS	FACED SINGLE MATERIAL	METAL	EQUIPMENT	YES	YES	1.50	0.23	K
FG	WALL&IND FRK 705	FIBERGLASS	FACED SINGLE MATERIAL	METAL	EQUIPMENT	YES	YES	2.00	0.23	K
FG	WALL&IND FRK 705	FIBERGLASS	FACED SINGLE MATERIAL	METAL	EQUIPMENT	YES	YES	2.50	0.23	K
FG	WALL&IND FRK 705	FIBERGLASS	FACED SINGLE MATERIAL	METAL	EQUIPMENT	YES	YES	3.00	0.23	K
FG	WARM-N-DRI EXTER	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	0.75	3.00	R
FG	WARM-N-DRI EXTER	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	1.19	5.00	R
FG	WARM-N-DRI EXTER	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	2.38	10.00	R
FG	WARM-N-DRI EXTER	FIBER GLASS	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	15.00	R

* DESCRIPTION OF BRAND CODES:
FG = FIBERGLAS

Rockwool - T 1360					Updated 05/27/2026					
RI	CAVITYROCK	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	2.50	10.75	R
RI	CAVITYROCK	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	3.00	12.90	R
RI	CAVITYROCK	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	3.50	15.05	R
RI	CAVITYROCK	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	4.00	17.20	R
RI	CAVITYROCK	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	4.50	19.35	R
RI	CAVITYROCK	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	5.00	21.50	R
RI	CAVITYROCK	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	5.50	23.65	R
RI	CAVITYROCK	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	6.00	25.80	R
RI	CAVITYROCK	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	7.00	30.10	R
RI	CAVITYROCK	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	8.00	34.40	R
RI	CAVITYROCK BLACK	ROCKWOOL	FACED SINGLE MATERIAL	MINERAL FACER	WALL	NO	NO	2.50	10.75	R
RI	CAVITYROCK BLACK	ROCKWOOL	FACED SINGLE MATERIAL	MINERAL FACER	WALL	NO	NO	3.00	12.90	R
RI	CAVITYROCK BLACK	ROCKWOOL	FACED SINGLE MATERIAL	MINERAL FACER	WALL	NO	NO	3.50	15.05	R
RI	CAVITYROCK BLACK	ROCKWOOL	FACED SINGLE MATERIAL	MINERAL FACER	WALL	NO	NO	4.00	17.20	R
RI	CAVITYROCK BLACK	ROCKWOOL	FACED SINGLE MATERIAL	MINERAL FACER	WALL	NO	NO	5.00	21.50	R
RI	CAVITYROCK BLACK	ROCKWOOL	FACED SINGLE MATERIAL	MINERAL FACER	WALL	NO	NO	6.00	25.80	R
RI	CAVITYROCK MD	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	1.00	4.30	R
RI	CAVITYROCK MD	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	1.50	6.45	R
RI	CAVITYROCK MD	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	2.00	8.60	R
RI	CAVITYROCK MD	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	2.25	9.68	R
RI	CAVITYROCK MD BLACK	ROCKWOOL	FACED SINGLE MATERIAL	MINERAL FACER	WALL	NO	NO	2.00	8.60	R
RI	COMFORTBOARD 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	1.50	6.30	R
RI	COMFORTBOARD 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	2.00	8.40	R
RI	COMFORTBOARD 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	2.50	10.50	R
RI	COMFORTBOARD 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	3.00	12.60	R
RI	COMFORTBOARD 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	3.50	14.70	R
RI	COMFORTBOARD 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	4.00	16.80	R
RI	COMFORTBOARD 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	5.00	21.00	R
RI	COMFORTBOARD 110	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	1.00	4.00	R
RI	COMFORTBOARD 110	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	1.50	6.00	R
RI	COMFORTBOARD 110	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	2.00	8.00	R
RI	COMFORTBOARD 110	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	2.50	10.00	R
RI	COMFORTBOARD 110	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	3.00	12.00	R

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Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
RI	COMFORTBOARD 110	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	3.50	14.00	R
RI	COMFORTBOARD 110	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	4.00	16.00	R
RI	COMFORTBOARD 110	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	5.00	20.00	R
RI	CURTAINROCK 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	1.50	6.45	R
RI	CURTAINROCK 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.60	R
RI	CURTAINROCK 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.50	10.75	R
RI	CURTAINROCK 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.00	12.90	R
RI	CURTAINROCK 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	15.05	R
RI	CURTAINROCK 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	4.00	17.20	R
RI	CURTAINROCK 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	4.50	19.35	R
RI	CURTAINROCK 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	5.00	21.50	R
RI	CURTAINROCK 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	6.00	25.80	R
RI	CURTAINROCK 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	7.00	30.10	R
RI	CURTAINROCK 40 RFF	ROCKWOOL	FACED SINGLE MATERIAL	FOIL	WALL	YES	YES	2.00	8.60	R
RI	CURTAINROCK 40 RFF	ROCKWOOL	FACED SINGLE MATERIAL	FOIL	WALL	YES	YES	2.50	10.75	R
RI	CURTAINROCK 40 RFF	ROCKWOOL	FACED SINGLE MATERIAL	FOIL	WALL	YES	YES	3.00	12.90	R
RI	CURTAINROCK 40 RFF	ROCKWOOL	FACED SINGLE MATERIAL	FOIL	WALL	YES	YES	3.50	15.05	R
RI	CURTAINROCK 40 RFF	ROCKWOOL	FACED SINGLE MATERIAL	FOIL	WALL	YES	YES	4.00	17.20	R
RI	CURTAINROCK 40 RFF	ROCKWOOL	FACED SINGLE MATERIAL	FOIL	WALL	YES	YES	4.50	19.35	R
RI	CURTAINROCK 40 RFF	ROCKWOOL	FACED SINGLE MATERIAL	FOIL	WALL	YES	YES	5.00	21.50	R
RI	CURTAINROCK 40 RFF	ROCKWOOL	FACED SINGLE MATERIAL	FOIL	WALL	YES	YES	6.00	25.80	R
RI	CURTAINROCK 40 RFF	ROCKWOOL	FACED SINGLE MATERIAL	FOIL	WALL	YES	YES	7.00	30.10	R
RI	CURTAINROCK 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	1.00	4.30	R
RI	CURTAINROCK 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	1.50	6.45	R
RI	CURTAINROCK 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.60	R
RI	CURTAINROCK 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.50	10.75	R
RI	CURTAINROCK 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.00	12.90	R
RI	CURTAINROCK 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	15.05	R
RI	CURTAINROCK 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	4.00	17.20	R
RI	CURTAINROCK 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	4.50	19.35	R
RI	CURTAINROCK 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	5.00	21.50	R
RI	CURTAINROCK 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	6.00	25.80	R
RI	CURTAINROCK 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	7.00	30.10	R
RI	CURTAINROCK 80 RFF	ROCKWOOL	FACED SINGLE MATERIAL	FOIL	WALL	YES	YES	1.00	4.30	R
RI	CURTAINROCK 80 RFF	ROCKWOOL	FACED SINGLE MATERIAL	FOIL	WALL	YES	YES	1.50	6.45	R
RI	CURTAINROCK 80 RFF	ROCKWOOL	FACED SINGLE MATERIAL	FOIL	WALL	YES	YES	2.00	8.60	R
RI	CURTAINROCK 80 RFF	ROCKWOOL	FACED SINGLE MATERIAL	FOIL	WALL	YES	YES	3.50	15.05	R
RI	CURTAINROCK 80 RFF	ROCKWOOL	FACED SINGLE MATERIAL	FOIL	WALL	YES	YES	3.00	12.90	R
RI	CURTAINROCK 80 RFF	ROCKWOOL	FACED SINGLE MATERIAL	FOIL	WALL	YES	YES	2.50	10.75	R
RI	CURTAINROCK 80 RFF	ROCKWOOL	FACED SINGLE MATERIAL	FOIL	WALL	YES	YES	4.00	17.20	R
RI	CURTAINROCK 80 RFF	ROCKWOOL	FACED SINGLE MATERIAL	FOIL	WALL	YES	YES	4.50	19.35	R
RI	CURTAINROCK 80 RFF	ROCKWOOL	FACED SINGLE MATERIAL	FOIL	WALL	YES	YES	5.00	21.50	R
RI	CURTAINROCK 80 RFF	ROCKWOOL	FACED SINGLE MATERIAL	FOIL	WALL	YES	YES	6.00	25.80	R
RI	CURTAINROCK 80 RFF	ROCKWOOL	FACED SINGLE MATERIAL	FOIL	WALL	YES	YES	7.00	30.10	R
RI	FRONTROCK MD	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	1.50	6.00	R
RI	FRONTROCK MD	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	2.00	8.00	R
RI	FRONTROCK MD	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	2.50	10.00	R
RI	FRONTROCK MD	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	3.00	12.00	R
RI	FRONTROCK MD	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	4.00	16.00	R
RI	FRONTROCK MD	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	5.00	20.00	R
RI	FRONTROCK DD	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	2.50	10.00	R
RI	FRONTROCK DD	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	3.00	12.00	R
RI	FRONTROCK DD	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	3.50	14.00	R
RI	FRONTROCK DD	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	4.00	16.00	R
RI	ROCKBOARD 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	1.00	4.20	R
RI	ROCKBOARD 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	1.50	6.30	R
RI	ROCKBOARD 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.40	R

BHGS - THERMAL INSULATION DIRECTORY
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RI	ROCKBOARD 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.50	10.50	R
RI	ROCKBOARD 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.00	12.60	R
RI	ROCKBOARD 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	4.00	16.80	R
RI	ROCKBOARD 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	5.00	21.00	R
RI	ROCKBOARD 40 RFF	ROCKWOOL	FACED SINGLE MATERIAL	FOIL	WALL	YES	YES	2.50	10.50	R
RI	ROCKBOARD 40 RFF	ROCKWOOL	FACED SINGLE MATERIAL	FOIL	WALL	YES	YES	3.00	12.60	R
RI	ROCKBOARD 40 RFF	ROCKWOOL	FACED SINGLE MATERIAL	FOIL	WALL	YES	YES	4.00	16.80	R
RI	ROCKBOARD 60	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.40	R
RI	ROCKBOARD 60	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.00	12.60	R
RI	ROCKBOARD 60	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	4.00	16.80	R
RI	ROXUL SAFE 55	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	4.00	16.80	R
RI	ROXUL SAFE 65	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	NO	NO	3.00	12.60	R
RI	SMARTROCK	ROCKWOOL	FACED SINGLE MATERIAL	PP/PE FACER	WALL	NO	YES	2.00	8.60	R
RI	SMARTROCK	ROCKWOOL	FACED SINGLE MATERIAL	PP/PE FACER	WALL	NO	YES	2.50	10.75	R
RI	SMARTROCK	ROCKWOOL	FACED SINGLE MATERIAL	PP/PE FACER	WALL	NO	YES	3.00	12.90	R
RI	SMARTROCK	ROCKWOOL	FACED SINGLE MATERIAL	PP/PE FACER	WALL	NO	YES	3.50	15.05	R
RI	SMARTROCK	ROCKWOOL	FACED SINGLE MATERIAL	PP/PE FACER	WALL	NO	YES	4.00	17.20	R
RI	SMARTROCK	ROCKWOOL	FACED SINGLE MATERIAL	PP/PE FACER	WALL	NO	YES	4.50	19.35	R
RI	SMARTROCK	ROCKWOOL	FACED SINGLE MATERIAL	PP/PE FACER	WALL	NO	YES	5.00	21.50	R
RI	TOPROCK DD	ROCKWOOL	SINGLE MATERIAL	NONE	ROOF/DECK	NO	NO	2.00	7.60	R
RI	TOPROCK DD	ROCKWOOL	SINGLE MATERIAL	NONE	ROOF/DECK	NO	NO	2.50	9.50	R
RI	TOPROCK DD	ROCKWOOL	SINGLE MATERIAL	NONE	ROOF/DECK	NO	NO	3.00	11.40	R
RI	TOPROCK DD	ROCKWOOL	SINGLE MATERIAL	NONE	ROOF/DECK	NO	NO	3.50	13.30	R
RI	TOPROCK DD	ROCKWOOL	SINGLE MATERIAL	NONE	ROOF/DECK	NO	NO	4.00	15.20	R
RI	TOPROCK DD	ROCKWOOL	SINGLE MATERIAL	NONE	ROOF/DECK	NO	NO	4.50	17.10	R
RI	TOPROCK DD	ROCKWOOL	SINGLE MATERIAL	NONE	ROOF/DECK	NO	NO	5.00	19.00	R
RI	TOPROCK DD	ROCKWOOL	SINGLE MATERIAL	NONE	ROOF/DECK	NO	NO	5.50	20.90	R
RI	TOPROCK DD	ROCKWOOL	SINGLE MATERIAL	NONE	ROOF/DECK	NO	NO	6.00	22.80	R
RI	TOPROCK DD PLUS	ROCKWOOL	FACED SINGLE MATERIAL	ASPHALT	ROOF/DECK	NO	NO	2.00	7.60	R
RI	TOPROCK DD PLUS	ROCKWOOL	FACED SINGLE MATERIAL	ASPHALT	ROOF/DECK	NO	NO	2.50	9.50	R
RI	TOPROCK DD PLUS	ROCKWOOL	FACED SINGLE MATERIAL	ASPHALT	ROOF/DECK	NO	NO	3.00	11.40	R
RI	TOPROCK DD PLUS	ROCKWOOL	FACED SINGLE MATERIAL	ASPHALT	ROOF/DECK	NO	NO	3.50	13.30	R
RI	TOPROCK DD PLUS	ROCKWOOL	FACED SINGLE MATERIAL	ASPHALT	ROOF/DECK	NO	NO	4.00	15.20	R

* DESCRIPTION OF BRAND CODES:
RI = ROCKWOOL

Thermafiber Inc. - T 1437						Updated 11/13/2024				
TCW	Fire&Sound Guard Plus	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.50	10.00	R
TCW	Fire&Sound Guard Plus	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.00	11.00	R
TCW	Fire&Sound Guard Plus	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	13.00	R
TCW	Fire&Sound Guard Plus	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	15.00	R
TCW	Fire&Sound Guard Plus	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	5.50	21.00	R
TCW	Fire&Sound Guard Plus	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	5.50	23.00	R
TCW	Fire&Sound Guard Plus	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	6.00	24.00	R
TCW	Fire&Sound Guard Plus	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	7.13	30.00	R
TCW	FIRESPAN 40	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	2.00	8.33	R
TCW	FIRESPAN 40	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	2.50	10.42	R
TCW	FIRESPAN 40	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	3.00	12.50	R
TCW	FIRESPAN 40	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	3.50	14.60	R
TCW	FIRESPAN 40	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	4.00	16.67	R
TCW	FIRESPAN 40	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	4.50	18.77	R
TCW	FIRESPAN 40	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	5.00	20.85	R
TCW	FIRESPAN 40	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	5.50	22.94	R
TCW	FIRESPAN 40	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	6.00	25.02	R
TCW	FIRESPAN 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.34	R
TCW	FIRESPAN 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.50	10.43	R
TCW	FIRESPAN 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.00	12.51	R

BHGS - THERMAL INSULATION DIRECTORY
BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
TCW	FIRESPAN 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	14.60	R
TCW	FIRESPAN 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	4.00	16.68	R
TCW	FIRESPAN 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	4.50	18.77	R
TCW	FIRESPAN 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	5.00	20.85	R
TCW	FIRESPAN 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	5.50	22.94	R
TCW	FIRESPAN 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	6.00	25.02	R
TCW	FIRESPAN 90	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	1.00	4.16	R
TCW	FIRESPAN 90	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	1.50	6.25	R
TCW	FIRESPAN 90	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	2.00	8.33	R
TCW	FIRESPAN 90	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	2.50	10.42	R
TCW	FIRESPAN 90	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	3.00	12.50	R
TCW	FIRESPAN 90	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	3.50	14.60	R
TCW	FIRESPAN 90	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	4.00	16.68	R
TCW	FIRESPAN 90	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	4.50	18.77	R
TCW	FIRESPAN 90	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	5.00	20.85	R
TCW	FIRESPAN 90	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	5.50	22.94	R
TCW	FIRESPAN 90	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	6.00	25.02	R
TCW	FIRESPAN 90	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	1.00	4.16	R
TCW	FIRESPAN 90	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	1.50	6.25	R
TCW	FIRESPAN 90	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.33	R
TCW	FIRESPAN 90	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.50	10.42	R
TCW	FIRESPAN 90	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.00	12.50	R
TCW	FIRESPAN 90	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	14.60	R
TCW	FIRESPAN 90	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	4.00	16.68	R
TCW	FIRESPAN 90	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	4.50	18.77	R
TCW	FIRESPAN 90	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	5.00	20.85	R
TCW	FIRESPAN 90	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	5.50	22.94	R
TCW	FIRESPAN 90	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	6.00	25.02	R
TCW	RAINBARRIER	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.34	R
TCW	RAINBARRIER	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.50	10.43	R
TCW	RAINBARRIER	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.00	12.51	R
TCW	RAINBARRIER	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	14.60	R
TCW	RAINBARRIER	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	4.00	16.68	R
TCW	RAINBARRIER	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	4.50	18.77	R
TCW	RAINBARRIER	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	5.00	20.85	R
TCW	RAINBARRIER	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	5.50	22.94	R
TCW	RAINBARRIER	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	6.00	25.02	R
TCW	RAINBARRIER	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	6.50	27.11	R
TCW	RAINBARRIER	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	7.00	29.19	R
TCW	RAINBARRIER	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	7.50	31.28	R
TCW	RAINBARRIER	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	8.00	33.36	R
TCW	RAINBARRIER DARK	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	2.00	8.34	R
TCW	RAINBARRIER DARK	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	2.50	10.43	R
TCW	RAINBARRIER DARK	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	3.00	12.51	R
TCW	RAINBARRIER DARK	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	3.50	14.60	R
TCW	RAINBARRIER DARK	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	4.00	16.68	R
TCW	RAINBARRIER DARK	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	4.50	18.77	R
TCW	RAINBARRIER DARK	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	5.00	20.85	R
TCW	RAINBARRIER DARK	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	5.50	22.94	R
TCW	RAINBARRIER DARK	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	6.00	25.02	R
TCW	RAINBARRIER DARK	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	6.50	27.11	R
TCW	RAINBARRIER DARK	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	7.00	29.19	R
TCW	RAINBARRIER DARK	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	7.50	31.28	R
TCW	RAINBARRIER DARK	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	8.00	33.36	R
TCW	RAINBARRIER HC	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	1.00	4.16	R
TCW	RAINBARRIER HC	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	1.50	6.24	R
TCW	RAINBARRIER HC	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.32	R
TCW	RAINBARRIER HC	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.50	10.40	R
TCW	RAINBARRIER HC	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.00	12.48	R
TCW	RAINBARRIER HC	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	14.56	R

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BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

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TCW	RAINBARRIER HC	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	4.00	16.64	R
TCW	RAINBARRIER HC	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	4.50	18.72	R
TCW	RAINBARRIER HC	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	5.00	20.80	R
TCW	RAINBARRIER HC	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	5.50	22.88	R
TCW	RAINBARRIER HC	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	6.00	24.96	R
TCW	RAINBARRIER HC PLUS	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	1.25	5.20	R
TCW	RAINBARRIER HC PLUS	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	1.50	6.24	R
TCW	RAINBARRIER HC PLUS	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.32	R
TCW	RAINBARRIER HC PLUS	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.50	10.40	R
TCW	RAINBARRIER HC PLUS	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.00	12.48	R
TCW	RAINBARRIER HC PLUS	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	14.56	R
TCW	RAINBARRIER HC PLUS	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	4.00	16.64	R
TCW	RAINBARRIER HC MAX	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	1.00	4.16	R
TCW	RAINBARRIER HC MAX	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	1.50	6.24	R
TCW	RAINBARRIER HC MAX	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.32	R
TCW	RAINBARRIER HC MAX	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.50	10.40	R
TCW	RAINBARRIER HC MAX	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.00	12.48	R
TCW	RAINBARRIER HC MAX	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	14.56	R
TCW	RAINBARRIER HC MAX	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	4.00	16.64	R
TCW	SAFING	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	1.50	6.26	R
TCW	SAFING	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.34	R
TCW	SAFING	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.50	10.43	R
TCW	SAFING	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.00	12.51	R
TCW	SAFING	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	14.60	R
TCW	SAFING	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	4.00	16.68	R
TCW	SAFING	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	4.50	18.77	R
TCW	SAFING	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	5.00	20.85	R
TCW	SAFING	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	5.50	22.94	R
TCW	SAFING	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	6.00	25.02	R
TCW	SAFING	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	6.50	27.11	R
TCW	SAFING	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	7.00	29.19	R
TCW	SAFING	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	7.50	31.28	R
TCW	SAFING	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	8.00	33.36	R
TCW	SAFING	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	4.00	16.67	R
TCW	VERSABOARD 40	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	2.00	8.33	R
TCW	VERSABOARD 40	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	2.50	10.42	R
TCW	VERSABOARD 40	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	3.00	12.50	R
TCW	VERSABOARD 40	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	3.50	14.58	R
TCW	VERSABOARD 40	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	4.00	16.67	R
TCW	VERSABOARD 40	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	4.50	18.75	R
TCW	VERSABOARD 40	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	5.00	20.85	R
TCW	VERSABOARD 40	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	5.50	22.94	R
TCW	VERSABOARD 40	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	6.00	25.02	R
TCW	VERSABOARD 40	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	6.50	27.11	R
TCW	VERSABOARD 40	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	7.00	29.19	R
TCW	VERSABOARD 40	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	7.50	31.28	R
TCW	VERSABOARD 40	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	8.00	33.36	R
TCW	VERSABOARD 40	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	3.00	12.51	R
TCW	VERSABOARD 40	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	3.50	14.60	R
TCW	VERSABOARD 40	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	4.00	16.68	R
TCW	VERSABOARD 40	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	4.50	18.77	R
TCW	VERSABOARD 40	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	5.00	20.85	R
TCW	VERSABOARD 40	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	5.50	22.94	R
TCW	VERSABOARD 40	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	6.00	25.02	R
TCW	VERSABOARD 40	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	6.50	27.11	R
TCW	VERSABOARD 40	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	7.00	29.19	R
TCW	VERSABOARD 40	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	7.50	31.28	R
TCW	VERSABOARD 40	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	8.00	33.36	R
TCW	VERSABOARD 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.34	R

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TCW	VERSABOARD 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.50	10.43	R
TCW	VERSABOARD 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.00	12.51	R
TCW	VERSABOARD 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	14.60	R
TCW	VERSABOARD 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	4.00	16.68	R
TCW	VERSABOARD 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	4.50	18.77	R
TCW	VERSABOARD 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	5.00	20.85	R
TCW	VERSABOARD 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	5.50	22.94	R
TCW	VERSABOARD 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	6.00	25.02	R
TCW	VERSABOARD 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	6.50	27.11	R
TCW	VERSABOARD 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	7.00	29.19	R
TCW	VERSABOARD 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	7.50	31.28	R
TCW	VERSABOARD 40	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	8.00	33.36	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	2.00	8.34	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	2.50	10.43	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	3.00	12.51	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	3.50	14.60	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	4.00	16.68	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	4.50	18.77	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	5.00	20.85	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	5.50	22.94	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	6.00	25.02	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	6.50	27.11	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	7.00	29.19	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	7.50	31.28	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	8.00	33.36	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	2.00	8.34	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	2.50	10.43	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	3.00	12.51	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	3.50	14.60	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	4.00	16.68	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	5.00	20.85	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	4.50	18.77	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	5.50	22.94	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	6.00	25.02	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	6.50	27.11	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	7.00	29.19	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	7.50	31.28	R
TCW	VERSABOARD 60	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	8.00	33.36	R
TCW	VERSABOARD 60	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.34	R
TCW	VERSABOARD 60	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.50	10.43	R
TCW	VERSABOARD 60	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.00	12.51	R
TCW	VERSABOARD 60	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	14.60	R
TCW	VERSABOARD 60	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	4.00	16.68	R
TCW	VERSABOARD 60	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	4.50	18.77	R
TCW	VERSABOARD 60	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	5.00	20.85	R
TCW	VERSABOARD 60	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	5.50	22.94	R
TCW	VERSABOARD 60	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	6.00	25.02	R
TCW	VERSABOARD 60	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	6.50	27.11	R
TCW	VERSABOARD 60	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	7.00	29.19	R
TCW	VERSABOARD 60	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	7.50	31.28	R
TCW	VERSABOARD 60	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	8.00	33.36	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	2.00	8.34	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	2.50	10.43	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	3.00	12.51	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	3.50	14.60	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	4.00	16.68	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	4.50	18.77	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	5.00	20.85	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	5.50	22.94	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	6.00	25.02	R

BHGS - THERMAL INSULATION DIRECTORY
BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	6.50	27.11	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	7.00	29.19	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	7.50	31.28	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	METAL	WALL	YES	YES	8.00	33.36	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	2.00	8.34	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	2.50	10.43	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	3.00	12.51	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	3.50	14.60	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	4.00	16.68	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	4.50	18.77	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	5.00	20.85	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	5.50	22.94	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	6.00	25.02	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	6.50	27.11	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	7.00	29.19	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	7.50	31.28	R
TCW	VERSABOARD 80	ROCKWOOL	FACED SINGLE MATL	FIBERGLASS	WALL	YES	NO	8.00	33.36	R
TCW	VERSABOARD 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.00	8.34	R
TCW	VERSABOARD 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	2.50	10.43	R
TCW	VERSABOARD 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.00	12.51	R
TCW	VERSABOARD 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	3.50	14.60	R
TCW	VERSABOARD 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	4.00	16.68	R
TCW	VERSABOARD 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	4.50	18.77	R
TCW	VERSABOARD 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	5.00	20.85	R
TCW	VERSABOARD 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	5.50	22.94	R
TCW	VERSABOARD 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	6.00	25.02	R
TCW	VERSABOARD 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	6.50	27.11	R
TCW	VERSABOARD 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	7.00	29.19	R
TCW	VERSABOARD 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	7.50	31.28	R
TCW	VERSABOARD 80	ROCKWOOL	SINGLE MATERIAL	NONE	WALL	YES	NO	8.00	33.36	R

* DESCRIPTION OF BRAND CODES:
TCW = THERMAFIBER CURTAIN WALL INSULATION

Polyisocyanurate Board										
Amrize Building Envelope, LLC - T 1545						Updated 06/30/2025				
CGT	ISOGARD CG (TAPERED) AA	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**0.75	4.30	R
CGT	ISOGARD CG (TAPERED) A	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.25	7.10	R
CGT	ISOGARD GD (TAPERED) B	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.75	10.00	R
CGT	ISOGARD CG (TAPERED) C	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**2.25	12.90	R
CGT	ISOGARD CG (TAPERED) G	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.50	8.60	R
CGT	ISOGARD CG (TAPERED) H	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**2.50	14.40	R
CGT	ISOGARD CG (TAPERED) Q	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.50	8.60	R
CGT	ISOGARD CG (TAPERED) X	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.00	5.70	R
CGT	ISOGARD CG (TAPERED) Y	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**2.00	11.40	R
FBT	ISO 95+ GL (TAPERED) AA	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**0.75	4.30	R
FBT	ISO 95+ GL (TAPERED) A	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.25	7.10	R
FBT	ISO 95+ GL (TAPERED) B	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.75	10.00	R
FBT	ISO 95+ GL (TAPERED) C	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**2.25	12.90	R
FBT	ISO 95+ GL (TAPERED) G	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.50	8.60	R
FBT	ISO 95+ GL (TAPERED) H	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**2.50	14.40	R
FBT	ISO 95+ GL (TAPERED) Q	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.50	8.60	R
FBT	ISO 95+ GL (TAPERED) X	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.00	5.70	R
FBT	ISO 95+ GL (TAPERED) Y	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**2.00	11.40	R
FCG	ISOGARD CG	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.00	5.70	R
FCG	ISOGARD CG	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.25	7.10	R
FCG	ISOGARD CG	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.50	8.60	R
FCG	ISOGARD CG	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.75	10.00	R
FCG	ISOGARD CG	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.00	11.40	R

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Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
FCG	ISOGARD CG	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.30	13.20	R
FCG	ISOGARD CG	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.50	14.40	R
FCG	ISOGARD CG	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.80	16.20	R
FCG	ISOGARD CG	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.00	17.40	R
FCG	ISOGARD CG	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.25	18.90	R
FCG	ISOGARD CG	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.50	20.50	R
FCG	ISOGARD CG	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.75	22.00	R
FCG	ISOGARD CG	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	4.00	23.60	R
FGL	ISOGARD GL (TAPERED) AA	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**0.75	4.30	R
FGL	ISOGARD GL (TAPERED) A	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.25	7.10	R
FGL	ISOGARD GL (TAPERED) B	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.75	10.00	R
FGL	ISOGARD GL (TAPERED) C	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**2.25	12.90	R
FGL	ISOGARD GL (TAPERED) G	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.50	8.60	R
FGL	ISOGARD GL (TAPERED) H	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**2.50	14.40	R
FGL	ISOGARD GL (TAPERED) Q	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.50	8.60	R
FGL	ISOGARD GL (TAPERED) X	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.00	5.70	R
FGL	ISOGARD GL (TAPERED) Y	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**2.00	11.40	R
FHG	HAILGARD	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	2.00	9.60	R
FHG	HAILGARD	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	2.50	12.70	R
FHG	HAILGARD	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	3.00	15.90	R
FHG	HAILGARD	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	3.50	19.10	R
FHG	HAILGARD	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	4.00	22.30	R
FRC	ISOGARD HD COMPOSITE	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	1.50	8.20	R
FRC	ISOGARD HD COMPOSITE	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	2.00	11.10	R
FRC	ISOGARD HD COMPOSITE	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	2.50	13.90	R
FRC	ISOGARD HD COMPOSITE	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	3.00	16.90	R
FRC	ISOGARD HD COMPOSITE	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	3.50	19.90	R
FRC	ISOGARD HD COMPOSITE	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	4.00	23.00	R
FRH	ISOGARD HD	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	0.50	2.50	R
FRI	ISO 95+ GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.00	5.70	R
FRI	ISO 95+ GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.25	7.10	R
FRI	ISO 95+ GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.50	8.60	R
FRI	ISO 95+ GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.75	10.00	R
FRI	ISO 95+ GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.00	11.40	R
FRI	ISO 95+ GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.30	13.20	R
FRI	ISO 95+ GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.50	14.40	R
FRI	ISO 95+ GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.80	16.20	R
FRI	ISO 95+ GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.00	17.40	R
FRI	ISO 95+ GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.25	18.90	R
FRI	ISO 95+ GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.50	20.50	R
FRI	ISO 95+ GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.75	22.00	R
FRI	ISO 95+ GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.80	22.30	R
FRI	ISO 95+ GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	4.00	23.60	R
FRR	RESISTA	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	0.50	2.90	R
FRR	RESISTA	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.00	5.70	R
FRR	RESISTA	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.25	7.10	R
FRR	RESISTA	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.50	8.60	R
FRR	RESISTA	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.75	10.00	R
FRR	RESISTA	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.00	11.40	R
FRR	RESISTA	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.30	13.20	R
FRR	RESISTA	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.50	14.40	R
FRR	RESISTA	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.80	16.20	R
FRR	RESISTA	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.00	17.40	R
FRR	RESISTA	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.25	18.90	R
FRR	RESISTA	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.50	20.50	R
FRR	RESISTA	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.75	22.00	R
FRR	RESISTA	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	4.00	23.60	R
FRT	RESISTA (TAPERED) AA	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**0.75	4.30	R
FRT	RESISTA (TAPERED) A	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.25	7.10	R
FRT	RESISTA (TAPERED) B	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.75	10.00	R

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Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
FRT	RESISTA (TAPERED) C	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**2.25	12.90	R
FRT	RESISTA (TAPERED) G	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.50	8.60	R
FRT	RESISTA (TAPERED) H	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**2.50	14.40	R
FRT	RESISTA (TAPERED) Q	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.50	8.60	R
FRT	RESISTA (TAPERED) X	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.00	5.70	R
FRT	RESISTA (TAPERED) Y	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**2.00	11.40	R
GCG	GENFLEX CG ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.00	5.70	R
GCG	GENFLEX CG ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.25	7.10	R
GCG	GENFLEX CG ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.50	8.60	R
GCG	GENFLEX CG ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.75	10.00	R
GCG	GENFLEX CG ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.00	11.40	R
GCG	GENFLEX CG ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.30	13.20	R
GCG	GENFLEX CG ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.50	14.40	R
GCG	GENFLEX CG ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.80	16.20	R
GCG	GENFLEX CG ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.00	17.40	R
GCG	GENFLEX CG ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.25	18.90	R
GCG	GENFLEX CG ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.50	20.50	R
GCG	GENFLEX CG ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.75	22.00	R
GCG	GENFLEX CG ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	4.00	23.60	R
GGL	GENFLEX GL ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.00	5.70	R
GGL	GENFLEX GL ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.25	7.10	R
GGL	GENFLEX GL ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.50	8.60	R
GGL	GENFLEX GL ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.75	10.00	R
GGL	GENFLEX GL ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.00	11.40	R
GGL	GENFLEX GL ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.30	13.20	R
GGL	GENFLEX GL ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.50	14.40	R
GGL	GENFLEX GL ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.80	16.20	R
GGL	GENFLEX GL ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.00	17.40	R
GGL	GENFLEX GL ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.25	18.90	R
GGL	GENFLEX GL ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.50	20.50	R
GGL	GENFLEX GL ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.75	22.00	R
GGL	GENFLEX GL ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	4.00	23.60	R
GHC	GENFLEX HD COMPOSITE ISO	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	1.50	8.20	R
GHC	GENFLEX HD COMPOSITE ISO	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	2.00	11.10	R
GHC	GENFLEX HD COMPOSITE ISO	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	2.50	13.90	R
GHC	GENFLEX HD COMPOSITE ISO	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	3.00	16.90	R
GHC	GENFLEX HD COMPOSITE ISO	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	3.50	19.90	R
GHC	GENFLEX HD COMPOSITE ISO	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	4.00	23.00	R
GLT	TAPERED GENFLEX GL ISO AA	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**0.75	4.30	R
GLT	TAPERED GENFLEX GL ISO A	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.25	7.10	R
GLT	TAPERED GENFLEX GL ISO B	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.75	10.00	R
GLT	TAPERED GENFLEX GL ISO C	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**2.25	12.90	R
GLT	TAPERED GENFLEX GL ISO G	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.50	8.60	R
GLT	TAPERED GENFLEX GL ISO H	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**2.50	14.40	R
GLT	TAPERED GENFLEX GL ISO Q	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.50	8.60	R
GLT	TAPERED GENFLEX GL ISO X	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.00	5.70	R
GLT	TAPERED GENFLEX GL ISO Y	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**2.00	11.40	R
GNB	GENFLEX HG ISO	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	1.50	6.30	R
GNB	GENFLEX HG ISO	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	2.00	9.20	R
GNB	GENFLEX HG ISO	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	2.50	12.00	R
GNB	GENFLEX HG ISO	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	3.00	15.00	R
GNB	GENFLEX HG ISO	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	3.50	18.00	R
GNB	GENFLEX HG ISO	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	4.00	21.10	R
GTC	COATED GLASS FACER (TAPERED) AA	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**0.75	4.30	R
GTC	COATED GLASS FACER (TAPERED) A	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.25	7.10	R
GTC	COATED GLASS FACER (TAPERED) B	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.75	10.00	R
GTC	COATED GLASS FACER (TAPERED) C	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**2.25	12.90	R
GTC	COATED GLASS FACER (TAPERED) G	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.50	8.60	R
GTC	COATED GLASS FACER (TAPERED) H	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**2.50	14.40	R
GTC	COATED GLASS FACER (TAPERED) Q	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.50	8.60	R

BHGS - THERMAL INSULATION DIRECTORY
BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
GTC	COATED GLASS FACER (TAPERED) X	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.00	5.70	R
GTC	COATED GLASS FACER (TAPERED) Y	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**2.00	11.40	R
GXC	COATED GLASS FACER (FLAT)	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.00	5.70	R
GXC	COATED GLASS FACER (FLAT)	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.25	7.10	R
GXC	COATED GLASS FACER (FLAT)	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.50	8.60	R
GXC	COATED GLASS FACER (FLAT)	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.75	10.00	R
GXC	COATED GLASS FACER (FLAT)	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.00	11.40	R
GXC	COATED GLASS FACER (FLAT)	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.30	13.20	R
GXC	COATED GLASS FACER (FLAT)	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.50	14.40	R
GXC	COATED GLASS FACER (FLAT)	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.80	16.20	R
GXC	COATED GLASS FACER (FLAT)	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.00	17.40	R
GXC	COATED GLASS FACER (FLAT)	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.25	18.90	R
GXC	COATED GLASS FACER (FLAT)	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.50	20.50	R
GXC	COATED GLASS FACER (FLAT)	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.75	22.00	R
GXC	COATED GLASS FACER (FLAT)	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	4.00	23.60	R
GXH	GENFLEX HD ISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	0.50	2.50	R
GXI	GENFLEX ISO INSULATION	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.00	5.70	R
GXI	GENFLEX ISO INSULATION	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.25	7.10	R
GXI	GENFLEX ISO INSULATION	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.50	8.60	R
GXI	GENFLEX ISO INSULATION	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.75	10.00	R
GXI	GENFLEX ISO INSULATION	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.00	11.40	R
GXI	GENFLEX ISO INSULATION	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.30	13.20	R
GXI	GENFLEX ISO INSULATION	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.50	14.40	R
GXI	GENFLEX ISO INSULATION	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.80	16.20	R
GXI	GENFLEX ISO INSULATION	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.00	17.40	R
GXI	GENFLEX ISO INSULATION	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.25	18.90	R
GXI	GENFLEX ISO INSULATION	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.50	20.50	R
GXI	GENFLEX ISO INSULATION	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.75	22.00	R
GXI	GENFLEX ISO INSULATION	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	4.00	23.60	R
GXT	TAPERED GENFLEX ISO AA	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**0.75	4.30	R
GXT	TAPERED GENFLEX ISO A	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.25	7.10	R
GXT	TAPERED GENFLEX ISO B	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.75	10.00	R
GXT	TAPERED GENFLEX ISO C	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**2.25	12.90	R
GXT	TAPERED GENFLEX ISO G	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.50	8.60	R
GXT	TAPERED GENFLEX ISO H	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**2.50	14.40	R
GXT	TAPERED GENFLEX ISO Q	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.50	8.60	R
GXT	TAPERED GENFLEX ISO X	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.00	5.70	R
GXT	TAPERED GENFLEX ISO Y	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**2.00	11.40	R
IGL	ISO GARD GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.00	5.70	R
IGL	ISO GARD GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.25	7.10	R
IGL	ISO GARD GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.50	8.60	R
IGL	ISO GARD GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	1.75	10.00	R
IGL	ISO GARD GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.00	11.40	R
IGL	ISO GARD GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.30	13.20	R
IGL	ISO GARD GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.50	14.40	R
IGL	ISO GARD GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	2.80	16.20	R
IGL	ISO GARD GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.00	17.40	R
IGL	ISO GARD GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.25	18.90	R
IGL	ISO GARD GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.50	20.50	R
IGL	ISO GARD GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.75	22.00	R
IGL	ISO GARD GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	3.80	22.30	R
IGL	ISO GARD GL	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	4.00	23.60	R
IHG	ISO GARD HG	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	1.50	6.30	R
IHG	ISO GARD HG	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	2.00	9.20	R
IHG	ISO GARD HG	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	2.50	12.00	R
IHG	ISO GARD HG	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	3.00	15.00	R
IHG	ISO GARD HG	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	3.50	18.00	R
IHG	ISO GARD HG	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	4.00	21.10	R
TCG	GENFLEX CG ISO (TAPERED) AA	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**0.75	4.30	R
TCG	GENFLEX CG ISO (TAPERED) A	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.25	7.10	R

BHGS - THERMAL INSULATION DIRECTORY
BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
TCG	GENFLEX CG ISO (TAPERED) B	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.75	10.00	R
TCG	GENFLEX CG ISO (TAPERED) C	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**2.25	12.90	R
TCG	GENFLEX CG ISO (TAPERED) G	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.50	8.60	R
TCG	GENFLEX CG ISO (TAPERED) H	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**2.50	14.40	R
TCG	GENFLEX CG ISO (TAPERED) Q	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.50	8.60	R
TCG	GENFLEX CG ISO (TAPERED) X	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**1.00	5.70	R
TCG	GENFLEX CG ISO (TAPERED) Y	ISOCYANURATE	FACED SINGLE MATERIAL	GLS FBR	ROOF DECK	NO	NO	**2.00	11.40	R

**Average Thickness

* DESCRIPTION OF BRAND CODES:

CGT = ISOGARD CG ISO (TAPERED)

FBT = ISO 95+ GL (TAPERED)

FCG = ISOGARD CG

FGL = ISOGARD GL (TAPERED)

FHG = HAILGARD

FRC = ISOGARD HD COMPOSITE

FRH = ISOGARD HD

FRI = ISO 95+ GL

FRR = RESISTA

FRT = RESISTA (TAPERED)

GCG = GENFLEX CG ISO

GGL = GENFLEX GL ISO

GHC = GENFLEX HD COMPOSITE ISO

GLT = GENFLEX GL ISO (TAPERED)

GNB = GENFLEX NB ISO

GTC = COATED GLASS FACER (TAPERED)

GXC = COATED GLASS FACER (FLAT)

GXH = GENFLEX HD ISO

GXI = GENFLEX ISO

GXT = TAPERED GENFLEX ISO

IGL = ISOGARD GL

IHG = ISOGARD HG

TCG = GENFLEX CG ISO (TAPERED)

Atlas Roofing Corporation - T 1231						Updated 11/6/2025				
ARC	ACFOAM-II	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FIBER FELT	ROOF DECK	NO	NO	1.00	5.70	R
ARC	ACFOAM-II	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FIBER FELT	ROOF DECK	NO	NO	1.50	8.60	R
ARC	ACFOAM-II	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FIBER FELT	ROOF DECK	NO	NO	2.00	11.40	R
ARC	ACFOAM-II	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FIBER FELT	ROOF DECK	NO	NO	2.50	14.40	R
ARC	ACFOAM-II	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FIBER FELT	ROOF DECK	NO	NO	3.00	17.40	R
ARC	ACFOAM-II	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FIBER FELT	ROOF DECK	NO	NO	3.50	20.50	R
ARC	ACFOAM-II	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FIBER FELT	ROOF DECK	NO	NO	4.00	23.60	R
ARC	ACFOAM-III	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	1.00	5.70	R
ARC	ACFOAM-III	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	1.50	8.60	R
ARC	ACFOAM-III	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	2.00	11.40	R
ARC	ACFOAM-III	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	2.50	14.40	R
ARC	ACFOAM-III	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	3.00	17.40	R
ARC	ACFOAM-III	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	3.50	20.50	R
ARC	ACFOAM-III	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	4.00	23.60	R
ARC	ACFOAM-II NH	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FIBER FELT	ROOF DECK	NO	NO	2.00	11.40	R
ARC	ACFOAM-III NH	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	2.00	11.40	R
ARC	ACFOAM HD COVERBOARD	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	0.50	2.50	R
ARC	ACFOAM HD COVERBOARD NH	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	0.50	2.50	R
ARC	ACFOAM SUPREME	ISOCYANURATE	FACED SINGLE MATERIAL	ALUM FOIL KRAFT	ROOF DECK	NO	NO	1.00	5.70	R
ARC	ACFOAM SUPREME	ISOCYANURATE	FACED SINGLE MATERIAL	ALUM FOIL KRAFT	ROOF DECK	NO	NO	1.50	8.60	R
ARC	ACFOAM SUPREME	ISOCYANURATE	FACED SINGLE MATERIAL	ALUM FOIL KRAFT	ROOF DECK	NO	NO	2.00	11.40	R
ARC	ACFOAM SUPREME	ISOCYANURATE	FACED SINGLE MATERIAL	ALUM FOIL KRAFT	ROOF DECK	NO	NO	2.50	14.40	R
ARC	ACFOAM SUPREME	ISOCYANURATE	FACED SINGLE MATERIAL	ALUM FOIL KRAFT	ROOF DECK	NO	NO	3.00	17.40	R
ARC	ACFOAM SUPREME	ISOCYANURATE	FACED SINGLE MATERIAL	ALUM FOIL KRAFT	ROOF DECK	NO	NO	3.50	20.50	R
ARC	ACFOAM SUPREME	ISOCYANURATE	FACED SINGLE MATERIAL	ALUM FOIL KRAFT	ROOF DECK	NO	NO	4.00	23.60	R
ARC	ACFOAM SUPREME NH	ISOCYANURATE	FACED SINGLE MATERIAL	ALUM FOIL KRAFT	ROOF DECK	NO	NO	2.00	11.40	R
ARC	ATLAS NAILBASE	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	1.50	6.30	R
ARC	ATLAS NAILBASE	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	2.00	9.10	R
ARC	ATLAS NAILBASE	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	3.00	15.00	R
ARC	ATLAS NAILBASE	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	4.00	21.10	R
ARC	CROSSVENT	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	2.50	5.70	R
ARC	CROSSVENT	ISOCYANURATE	COMPOSITE	BOARD	ROOF DECK	NO	NO	5.50	23.60	R
ARC	ENERGY SHIELD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES**	0.50	3.30	R
ARC	ENERGY SHIELD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES**	0.62	4.10	R
ARC	ENERGY SHIELD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES**	0.75	5.00	R
ARC	ENERGY SHIELD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES**	1.00	6.50	R
ARC	ENERGY SHIELD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES**	1.50	9.80	R
ARC	ENERGY SHIELD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES**	2.00	13.10	R
ARC	ENERGYSHIELD CGF	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBER	WALL	NO	NO	0.50	3.00	R
ARC	ENERGYSHIELD CGF	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBER	WALL	NO	NO	1.00	6.00	R
ARC	ENERGYSHIELD CGF	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	NO	1.50	9.00	R
ARC	ENERGYSHIELD CGF	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	NO	2.00	12.10	R

BHGS - THERMAL INSULATION DIRECTORY
BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
ARC	ENERGYSHIELD CGF	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	NO	2.50	15.30	R
ARC	ENERGYSHIELD CGF	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	NO	3.00	18.50	R
ARC	ENERGYSHIELD CGF	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	NO	3.50	21.70	R
ARC	ENERGYSHIELD CGF PRO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	NO	2.00	12.10	R
ARC	ENERGYSHIELD PANELCAST	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	NO	2.00	12.10	R
ARC	ENERGY SHIELD PRO	ISOCYANURATE	FACED SINGLE MATERIAL	ALUM FOIL	CLG WALL FLR	YES	YES**	1.00	6.50	R
ARC	ENERGY SHIELD PRO	ISOCYANURATE	FACED SINGLE MATERIAL	ALUM FOIL	CLG WALL FLR	YES	YES**	1.50	9.80	R
ARC	ENERGY SHIELD PRO	ISOCYANURATE	FACED SINGLE MATERIAL	ALUM FOIL	CLG WALL FLR	YES	YES**	2.00	13.10	R
ARC	ENERGY SHIELD PRO	ISOCYANURATE	FACED SINGLE MATERIAL	ALUM FOIL	CLG WALL FLR	YES	YES**	2.50	16.00	R
ARC	ENERGYSHIELD PLY	ISOCYANURATE	COMPOSITE	BOARD	WALL	NO	NO	2.00	12.10	R
ARC	ENERGYSHIELD PLY PRO	ISOCYANURATE	COMPOSITE	BOARD	WALL	NO	NO	2.00	12.10	R
ARC	ENERGY SHIELD XR	ISOCYANURATE	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES**	2.00	13.10	R

** With taped joints.

* DESCRIPTION OF BRAND CODES:
 ARC = ATLAS ROOFING CORP.

Carlisle Coatings and Waterproofing - T 1501						Updated 10/08/2015				
R2B	R2+ BASE 319811	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	1.60	6.60	R
R2B	R2+ BASE 319812	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	2.10	9.60	R
R2B	R2+ BASE 319813	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	2.60	12.70	R
R2B	R2+ BASE 319814	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	3.10	15.90	R
R2B	R2+ BASE 321990	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	3.70	19.10	R
R2H	R2+ SHEATHE	ISOCYANURATE	FACED SINGLE MATERIAL	EMBOSSED FOIL	WALL	NO	YES	1.00	6.50	R
R2H	R2+ SHEATHE	ISOCYANURATE	FACED SINGLE MATERIAL	EMBOSSED FOIL	WALL	NO	YES	1.50	10.00	R
R2H	R2+ SHEATHE	ISOCYANURATE	FACED SINGLE MATERIAL	EMBOSSED FOIL	WALL	NO	YES	2.00	13.00	R
R2H	R2+ SHEATHE	ISOCYANURATE	FACED SINGLE MATERIAL	EMBOSSED FOIL	WALL	NO	YES	2.50	16.50	R
R2H	R2+ SHEATHE	ISOCYANURATE	FACED SINGLE MATERIAL	EMBOSSED FOIL	WALL	NO	YES	3.00	20.30	R
R2H	R2+ SHEATHE	ISOCYANURATE	FACED SINGLE MATERIAL	EMBOSSED FOIL	WALL	NO	YES	3.50	23.00	R
R2M	R2+ MATTE 319100	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	YES	1.00	6.00	R
R2M	R2+ MATTE 319101	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	YES	1.50	9.00	R
R2M	R2+ MATTE 319102	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	YES	2.00	12.10	R
R2M	R2+ MATTE 319103	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	YES	2.50	15.30	R
R2M	R2+ MATTE 319104	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	YES	3.00	18.50	R
R2M	R2+ MATTE 322475	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	YES	3.30	20.40	R
R2M	R2+ MATTE 322483	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	YES	3.50	21.70	R
R2S	R2+ SILVER 322874	ISOCYANURATE	FACED SINGLE MATERIAL	ALUM FOIL CRAFT	WALL	NO	YES	1.00	6.7 **	R
R2S	R2+ SILVER 322875	ISOCYANURATE	FACED SINGLE MATERIAL	ALUM FOIL CRAFT	WALL	NO	YES	1.50	10.5 **	R
R2S	R2+ SILVER 322876	ISOCYANURATE	FACED SINGLE MATERIAL	ALUM FOIL CRAFT	WALL	NO	YES	2.00	14.4 **	R
R2S	R2+ SILVER 322877	ISOCYANURATE	FACED SINGLE MATERIAL	ALUM FOIL CRAFT	WALL	NO	YES	2.50	17.8 **	R
R2S	R2+ SILVER 322879	ISOCYANURATE	FACED SINGLE MATERIAL	ALUM FOIL CRAFT	WALL	NO	YES	3.00	21.2 **	R
R2S	R2+ SILVER 322880	ISOCYANURATE	FACED SINGLE MATERIAL	ALUM FOIL CRAFT	WALL	NO	YES	3.50	24.6 **	R

**= Initial R-Values

* DESCRIPTION OF BRAND CODES:
 R2B = R2+ BASE
 R2H = R2+ SHEATHE

R2M= R2+ MATTE
 R2S=R2+ SILVER

Carlisle Syntec Inc. - T 1418						Updated 09/02/2025				
CCG	SECURSHIELD POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	1.00	5.70	R
CCG	SECURSHIELD POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	1.50	8.60	R
CCG	SECURSHIELD POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	2.00	11.40	R
CCG	SECURSHIELD POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	2.50	14.40	R
CCG	SECURSHIELD POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	2.70	15.60	R
CCG	SECURSHIELD POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	3.00	17.40	R
CCG	SECURSHIELD POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	4.00	23.60	R
CHC	SECURSHIELD HD COMPOSITE POLYISO	ISOCYANURATE	COMPOSITE	COATED GLASS FELT	ROOF DECK	NO	NO	2.00	11.10	R
CHC	SECURSHIELD HD COMPOSITE POLYISO	ISOCYANURATE	COMPOSITE	COATED GLASS FELT	ROOF DECK	NO	NO	2.50	13.90	R
CHC	SECURSHIELD HD COMPOSITE POLYISO	ISOCYANURATE	COMPOSITE	COATED GLASS FELT	ROOF DECK	NO	NO	3.00	16.90	R
CHC	SECURSHIELD HD COMPOSITE POLYISO	ISOCYANURATE	COMPOSITE	COATED GLASS FELT	ROOF DECK	NO	NO	4.00	23.00	R

BHGS - THERMAL INSULATION DIRECTORY
BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
CHD	SECURSHIELD HD POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	0.50	2.50	R
CHDRL	SECURSHIELD HD RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	ED GLASS FELT WITH VEI	ROOF DECK	NO	NO	0.50	2.50	R
CINH	INSULBASE NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	1.00	5.70	R
CINH	INSULBASE NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	1.50	8.60	R
CINH	INSULBASE NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	2.00	11.40	R
CINH	INSULBASE NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	2.50	14.40	R
CINH	INSULBASE NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	2.70	15.60	R
CINH	INSULBASE NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	3.00	17.40	R
CINH	INSULBASE NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	3.50	20.50	R
CINH	INSULBASE NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	4.00	23.60	R
CIRL	INSULBASE RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT WITH VELCRC	ROOF DECK	NO	NO	1.00	5.70	R
CIRL	INSULBASE RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT WITH VELCRC	ROOF DECK	NO	NO	1.50	8.60	R
CIRL	INSULBASE RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT WITH VELCRC	ROOF DECK	NO	NO	2.00	11.40	R
CIRL	INSULBASE RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT WITH VELCRC	ROOF DECK	NO	NO	2.50	14.40	R
CIRL	INSULBASE RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT WITH VELCRC	ROOF DECK	NO	NO	2.70	15.60	R
CIRL	INSULBASE RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT WITH VELCRC	ROOF DECK	NO	NO	3.00	17.40	R
CIRL	INSULBASE RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT WITH VELCRC	ROOF DECK	NO	NO	3.50	20.50	R
CIRL	INSULBASE RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT WITH VELCRC	ROOF DECK	NO	NO	4.00	23.60	R
CNB	STORMBASE POLYISO	ISOCYANURATE	COMPOSITE	WAFERBOARD	ROOF DECK	NO	NO	1.50	6.20	R
CNB	STORMBASE POLYISO	ISOCYANURATE	COMPOSITE	WAFERBOARD	ROOF DECK	NO	NO	2.00	9.20	R
CNB	STORMBASE POLYISO	ISOCYANURATE	COMPOSITE	WAFERBOARD	ROOF DECK	NO	NO	3.00	15.00	R
CNB	STORMBASE POLYISO	ISOCYANURATE	COMPOSITE	WAFERBOARD	ROOF DECK	NO	NO	4.00	21.10	R
CSCRL	SECURSHIELD HD COMPOSITE RAPIDLOCK POLY	ISOCYANURATE	COMPOSITE	ED GLASS FELT WITH VEI	ROOF DECK	NO	NO	2.00	11.10	R
CSCRL	SECURSHIELD HD COMPOSITE RAPIDLOCK POLY	ISOCYANURATE	COMPOSITE	ED GLASS FELT WITH VEI	ROOF DECK	NO	NO	2.50	13.90	R
CSCRL	SECURSHIELD HD COMPOSITE RAPIDLOCK POLY	ISOCYANURATE	COMPOSITE	ED GLASS FELT WITH VEI	ROOF DECK	NO	NO	3.00	16.90	R
CSCRL	SECURSHIELD HD COMPOSITE RAPIDLOCK POLY	ISOCYANURATE	COMPOSITE	ED GLASS FELT WITH VEI	ROOF DECK	NO	NO	4.00	23.00	R
CSD	INSULBASE POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	1.00	5.70	R
CSD	INSULBASE POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	1.50	8.60	R
CSD	INSULBASE POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	2.00	11.40	R
CSD	INSULBASE POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	2.50	14.40	R
CSD	INSULBASE POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	2.70	15.60	R
CSD	INSULBASE POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	3.00	17.40	R
CSD	INSULBASE POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	3.50	20.50	R
CSD	INSULBASE POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	4.00	23.60	R
CSNH	SECURSHIELD NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	1.00	5.70	R
CSNH	SECURSHIELD NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	1.50	8.60	R
CSNH	SECURSHIELD NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	2.00	11.40	R
CSNH	SECURSHIELD NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	2.50	14.40	R
CSNH	SECURSHIELD NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	2.70	15.60	R
CSNH	SECURSHIELD NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	3.00	17.40	R
CSNH	SECURSHIELD NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	4.00	23.60	R
CSRL	SECURSHIELD RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	ED GLASS FELT WITH VEI	ROOF DECK	NO	NO	1.00	5.70	R
CSRL	SECURSHIELD RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	ED GLASS FELT WITH VEI	ROOF DECK	NO	NO	1.50	8.60	R
CSRL	SECURSHIELD RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	ED GLASS FELT WITH VEI	ROOF DECK	NO	NO	2.00	11.40	R
CSRL	SECURSHIELD RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	ED GLASS FELT WITH VEI	ROOF DECK	NO	NO	2.50	14.40	R
CSRL	SECURSHIELD RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	ED GLASS FELT WITH VEI	ROOF DECK	NO	NO	2.70	15.60	R
CSRL	SECURSHIELD RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	ED GLASS FELT WITH VEI	ROOF DECK	NO	NO	3.00	17.40	R
CSRL	SECURSHIELD RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	ED GLASS FELT WITH VEI	ROOF DECK	NO	NO	4.00	23.60	R
IHD	INSULBASE HD POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	0.50	2.50	R

* DESCRIPTION OF BRAND CODES:

CCG = SECURSHIELD POLYISO

CHC = SECURSHIELD HD COMPOSITE POLYIS

CHD= SECURSHIELD HD POLYISO

CNB = STORMBASE POLYISO

CSD = INSULBASE POLYISO

CIRL = INSULBASE RAPIDLOCK RL POLYISO

CSCRL = SECURSHIELD RAPIDLOCK RL POLYISO

CSCRL = SECURSHIELD HD COMPOSITE RAPIDLOCK POLYISO

CINH = INSULBASE NH POLYISO

CSNH = SECURSHIELD NH POLYISO

CHDRL = SECURSHIELD HD RAPIDLOCK RL POLYISO

IHD = INSULBASE HD POLYISO

DuPont de Nemours Inc. - T 1534

Updated 08/12/2025

ISC	ISOCAST R	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	NO	YES	1.00	6.40	R
ISC	ISOCAST R	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	NO	YES	1.50	9.60	R

BHGS - THERMAL INSULATION DIRECTORY
BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
ISC	ISOCAST R	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	NO	YES	2.00	12.6	R
NHB	THERMAX BASIC NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.50	3.70	R
NHB	THERMAX BASIC NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.75	5.60	R
NHB	THERMAX BASIC NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.00	6.60	R
NHB	THERMAX BASIC NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.25	8.30	R
NHB	THERMAX BASIC NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.50	9.30	R
NHB	THERMAX BASIC NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.55	9.60	R
NHB	THERMAX BASIC NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.00	12.10	R
NHB	THERMAX BASIC NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.25	13.60	R
NHB	THERMAX BASIC NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.50	15.10	R
NHB	THERMAX BASIC NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.75	16.60	R
NHB	THERMAX BASIC NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.00	18.70	R
NHH	THERMAX HDUTY HD NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.50	3.70	R
NHH	THERMAX HDUTY HD NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.75	5.60	R
NHH	THERMAX HDUTY HD NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.00	6.60	R
NHH	THERMAX HDUTY HD NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.25	8.30	R
NHH	THERMAX HDUTY HD NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.50	9.30	R
NHH	THERMAX HDUTY HD NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.55	9.60	R
NHH	THERMAX HDUTY HD NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.75	10.90	R
NHH	THERMAX HDUTY HD NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.00	12.10	R
NHH	THERMAX HDUTY HD NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.50	15.10	R
NHH	THERMAX HDUTY HD NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.00	18.70	R
NHL	THERMAX LDUTY LD NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.50	3.70	R
NHL	THERMAX LDUTY LD NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.75	5.60	R
NHL	THERMAX LDUTY LD NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.00	6.60	R
NHL	THERMAX LDUTY LD NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.25	8.30	R
NHL	THERMAX LDUTY LD NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.50	9.30	R
NHL	THERMAX LDUTY LD NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.55	9.60	R
NHL	THERMAX LDUTY LD NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.75	10.90	R
NHL	THERMAX LDUTY LD NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.00	12.10	R
NHL	THERMAX LDUTY LD NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.25	13.60	R
NHL	THERMAX LDUTY LD NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.50	15.10	R
NHL	THERMAX LDUTY LD NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.65	16.00	R
NHL	THERMAX LDUTY LD NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.75	16.60	R
NHL	THERMAX LDUTY LD NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.00	18.70	R
NHM	THERMAX MTL BLDG NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.50	3.70	R
NHM	THERMAX MTL BLDG NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.75	5.60	R
NHM	THERMAX MTL BLDG NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.00	6.60	R
NHM	THERMAX MTL BLDG NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.25	8.30	R
NHM	THERMAX MTL BLDG NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.50	9.30	R
NHM	THERMAX MTL BLDG NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.55	9.60	R
NHM	THERMAX MTL BLDG NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.75	10.90	R
NHM	THERMAX MTL BLDG NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.00	12.10	R
NHM	THERMAX MTL BLDG NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.25	13.60	R
NHM	THERMAX MTL BLDG NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.50	15.10	R
NHM	THERMAX MTL BLDG NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.75	16.60	R
NHM	THERMAX MTL BLDG NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.00	18.70	R
NHW	THERMAX WHITE FACE NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.50	3.70	R
NHW	THERMAX WHITE FACE NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.75	5.60	R
NHW	THERMAX WHITE FACE NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.00	6.60	R
NHW	THERMAX WHITE FACE NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.25	8.30	R
NHW	THERMAX WHITE FACE NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.50	9.30	R
NHW	THERMAX WHITE FACE NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.55	9.60	R
NHW	THERMAX WHITE FACE NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.75	10.90	R
NHW	THERMAX WHITE FACE NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.00	12.10	R
NHW	THERMAX WHITE FACE NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.25	13.60	R
NHW	THERMAX WHITE FACE NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.50	15.10	R

BHGS - THERMAL INSULATION DIRECTORY
BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
NHW	THERMAX WHITE FACE NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.75	16.60	R
NHW	THERMAX WHITE FACE NH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.00	18.70	R
STR	SUPER TUFF-R	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	NO	YES	0.50	3.30	R
STR	SUPER TUFF-R	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	NO	YES	0.63	4.10	R
STR	SUPER TUFF-R	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	NO	YES	0.75	4.90	R
STR	SUPER TUFF-R	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	NO	YES	1.38	8.80	R
STR	SUPER TUFF-R	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	NO	YES	1.50	9.60	R
STR	SUPER TUFF-R	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	NO	YES	2.00	12.60	R
TFR	TUFF-R	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	NO	YES	0.50	3.30	R
TFR	TUFF-R	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	NO	YES	0.63	4.10	R
TFR	TUFF-R	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	NO	YES	0.75	4.90	R
TFR	TUFF-R	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	NO	YES	1.00	6.40	R
TFR	TUFF-R	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	NO	YES	1.50	9.60	R
TFR	TUFF-R	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	NO	YES	2.00	12.60	R
TXH	THERMAX HDUTY HD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.50	3.40	R
TXH	THERMAX HDUTY HD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.75	5.10	R
TXH	THERMAX HDUTY HD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.00	7.00	R
TXH	THERMAX HDUTY HD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.25	8.80	R
TXH	THERMAX HDUTY HD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.50	10.50	R
TXH	THERMAX HDUTY HD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.55	10.90	R
TXH	THERMAX HDUTY HD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.75	12.30	R
TXH	THERMAX HDUTY HD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.00	13.00	R
TXH	THERMAX HDUTY HD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.50	16.30	R
TXH	THERMAX HDUTY HD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.00	18.30	R
TXH	THERMAX HDUTY HD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.20	19.60	R
TXH	THERMAX HDUTY HD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.25	19.90	R
TXH	THERMAX HDUTY HD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.50	21.40	R
TXH	THERMAX HDUTY HD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.75	22.90	R
TXH	THERMAX HDUTY HD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	4.00	24.30	R
TXL	THERMAX LDUTY LD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.50	3.40	R
TXL	THERMAX LDUTY LD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.75	5.10	R
TXL	THERMAX LDUTY LD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.88	5.90	R
TXL	THERMAX LDUTY LD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.00	7.00	R
TXL	THERMAX LDUTY LD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.25	8.80	R
TXL	THERMAX LDUTY LD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.50	10.50	R
TXL	THERMAX LDUTY LD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.55	10.90	R
TXL	THERMAX LDUTY LD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.75	12.30	R
TXL	THERMAX LDUTY LD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.00	13.00	R
TXL	THERMAX LDUTY LD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.25	14.60	R
TXL	THERMAX LDUTY LD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.50	16.30	R
TXL	THERMAX LDUTY LD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.65	17.30	R
TXL	THERMAX LDUTY LD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.75	17.90	R
TXL	THERMAX LDUTY LD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.00	18.30	R
TXL	THERMAX LDUTY LD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.25	19.90	R
TXL	THERMAX LDUTY LD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.50	21.40	R
TXL	THERMAX LDUTY LD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.75	22.90	R
TXL	THERMAX LDUTY LD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	4.00	24.30	R
TXM	THERMAX MTL BLDG	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.50	3.40	R
TXM	THERMAX MTL BLDG	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.75	5.10	R
TXM	THERMAX MTL BLDG	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.00	7.00	R
TXM	THERMAX MTL BLDG	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.25	8.80	R
TXM	THERMAX MTL BLDG	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.50	10.50	R
TXM	THERMAX MTL BLDG	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.55	10.90	R
TXM	THERMAX MTL BLDG	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.75	12.30	R
TXM	THERMAX MTL BLDG	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.00	13.00	R
TXM	THERMAX MTL BLDG	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.25	14.60	R
TXM	THERMAX MTL BLDG	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.50	16.30	R

BHGS - THERMAL INSULATION DIRECTORY
BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
TXM	THERMAX MTL BLDG	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.63	17.10	R
TXM	THERMAX MTL BLDG	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.75	17.90	R
TXM	THERMAX MTL BLDG	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.00	18.30	R
TXM	THERMAX MTL BLDG	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.25	19.90	R
TXM	THERMAX MTL BLDG	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.50	21.40	R
TXM	THERMAX MTL BLDG	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.75	22.90	R
TXM	THERMAX MTL BLDG	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	4.00	24.30	R
TXS	THERMAX (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.50	3.40	R
TXS	THERMAX (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.63	4.20	R
TXS	THERMAX (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.75	5.10	R
TXS	THERMAX (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.00	7.00	R
TXS	THERMAX (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.25	8.80	R
TXS	THERMAX (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.38	9.70	R
TXS	THERMAX (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.50	10.50	R
TXS	THERMAX (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.55	10.90	R
TXS	THERMAX (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.75	12.30	R
TXS	THERMAX (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.00	13.00	R
TXS	THERMAX (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.25	14.60	R
TXS	THERMAX (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.50	16.30	R
TXS	THERMAX (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.75	17.90	R
TXS	THERMAX (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.00	18.30	R
TXS	THERMAX (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.25	19.90	R
TXS	THERMAX (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.50	21.40	R
TXS	THERMAX (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.75	22.90	R
TXS	THERMAX (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	4.00	24.30	R
TXS	THERMAX SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.50	3.40	R
TXS	THERMAX SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.63	4.20	R
TXS	THERMAX SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.75	5.10	R
TXS	THERMAX SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.88	5.90	R
TXS	THERMAX SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.00	7.00	R
TXS	THERMAX SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.25	8.80	R
TXS	THERMAX SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.38	9.70	R
TXS	THERMAX SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.50	10.50	R
TXS	THERMAX SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.55	10.90	R
TXS	THERMAX SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.75	12.30	R
TXS	THERMAX SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.00	13.00	R
TXS	THERMAX SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.25	14.60	R
TXS	THERMAX SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.38	15.50	R
TXS	THERMAX SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.50	16.30	R
TXS	THERMAX SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.63	17.10	R
TXS	THERMAX SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.75	17.90	R
TXS	THERMAX SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.88	18.70	R
TXS	THERMAX SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.00	18.30	R
TXS	THERMAX SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.25	19.90	R
TXS	THERMAX SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.50	21.40	R
TXS	THERMAX SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.75	22.90	R
TXS	THERMAX SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	4.00	24.30	R
TXS	THERMAX XARMOR (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.50	3.40	R
TXS	THERMAX XARMOR (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.63	4.20	R
TXS	THERMAX XARMOR (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.75	5.10	R
TXS	THERMAX XARMOR (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.00	7.00	R
TXS	THERMAX XARMOR (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.25	8.80	R
TXS	THERMAX XARMOR (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.50	10.50	R
TXS	THERMAX XARMOR (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.55	10.90	R
TXS	THERMAX XARMOR (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.75	12.30	R
TXS	THERMAX XARMOR (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.00	13.00	R
TXS	THERMAX XARMOR (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.25	14.60	R
TXS	THERMAX XARMOR (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.50	16.30	R
TXS	THERMAX XARMOR (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.75	17.90	R

BHGS - THERMAL INSULATION DIRECTORY
BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
TXS	THERMAX XARMOR (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.00	18.30	R
TXS	THERMAX XARMOR (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.25	19.90	R
TXS	THERMAX XARMOR (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.50	21.40	R
TXS	THERMAX XARMOR (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.75	22.90	R
TXS	THERMAX XARMOR (CI)	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	4.00	24.30	R
TXW	THERMAX WHITE FACE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.50	3.40	R
TXW	THERMAX WHITE FACE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.75	5.10	R
TXW	THERMAX WHITE FACE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.00	7.00	R
TXW	THERMAX WHITE FACE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.25	8.80	R
TXW	THERMAX WHITE FACE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.50	10.50	R
TXW	THERMAX WHITE FACE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.55	10.90	R
TXW	THERMAX WHITE FACE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.75	12.30	R
TXW	THERMAX WHITE FACE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.00	13.00	R
TXW	THERMAX WHITE FACE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.25	14.60	R
TXW	THERMAX WHITE FACE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.50	16.30	R
TXW	THERMAX WHITE FACE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.75	17.90	R
TXW	THERMAX WHITE FACE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.00	18.30	R
TXW	THERMAX WHITE FACE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.25	19.90	R
TXW	THERMAX WHITE FACE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.50	21.40	R
TXW	THERMAX WHITE FACE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.75	22.90	R
TXW	THERMAX WHITE FACE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	4.00	24.30	R

* DESCRIPTION OF BRAND CODES:

ISC = ISOCAST R

NHB = THERMAX BASIC NH

NHH = THERMAX HDUTY HD NH

NHL = THERMAX LDUTY LD NH

NHM = THERMAX MTL BLDG NH

NHW = THERMAX WHITE FACE NH

STR = SUPER TUFF-R

TFR = TUFF-R

TXH = THERMAX HEAVY DUTY

TXL = THERMAX LIGHT DUTY

TXM = THERMAX METAL BLDG

TXS = THERMAX SHEATH

TXW = THERMAX WHITE FACE

GAF Materials Corp - T 1454						Updated 11/15/2024				
EG	4710	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.00	5.70	R
EG	4711	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.10	6.10	R
EG	4712	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.20	6.70	R
EG	4713	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.30	7.30	R
EG	47135	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.35	7.60	R
EG	4714	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.40	7.90	R
EG	4715	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.50	8.60	R
EG	4716	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.60	9.10	R
EG	4717	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.70	9.70	R
EG	4718	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.80	10.30	R
EG	4719	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.90	10.80	R
EG	4720	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.00	11.40	R
EG	4721	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.10	12.00	R
EG	4722	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.20	12.60	R
EG	4723	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.30	13.20	R
EG	4724	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.40	13.80	R
EG	4725	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.50	14.40	R
EG	4726	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.60	15.00	R
EG	4727	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.70	15.60	R
EG	47275	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.75	16.00	R
EG	4728	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.80	16.20	R
EG	4729	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.90	16.80	R
EG	4730	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.00	17.40	R
EG	4731	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.10	18.00	R
EG	4733	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.30	19.20	R
EG	4734	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.40	19.90	R
EG	4735	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.50	20.50	R
EG	4736	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.60	21.10	R
EG	4737	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.70	21.70	R
EG	473A	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.75	22.00	R

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EG	4738	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.80	22.30	R
EG	4739	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.90	23.00	R
EG	4740	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.00	23.60	R
EG	4741	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.10	24.20	R
EG	4742	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.20	24.80	R
EG	4743	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.30	25.30	R
EG	4744	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.40	25.90	R
EG	4745	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.50	26.50	R
EG	4746	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.60	27.10	R
EG	47A0	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.00	5.70	R
EG	47A1	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.10	6.10	R
EG	47A2	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.20	6.70	R
EG	47A3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.30	7.30	R
EG	47A4	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.40	7.90	R
EG	47A5	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.50	8.60	R
EG	47A6	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.60	9.10	R
EG	47A7	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.70	9.70	R
EG	47A8	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.80	10.30	R
EG	47A9	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.90	10.90	R
EG	47B0	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.00	11.40	R
EG	47B1	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.10	12.00	R
EG	47B2	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.20	12.60	R
EG	47B3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.30	13.20	R
EG	47B4	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.40	13.80	R
EG	47B5	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.50	14.40	R
EG	47B6	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.60	15.00	R
EG	47B7	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.70	15.60	R
EG	47B75	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.75	16.00	R
EG	47B8	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.80	16.20	R
EG	47B9	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.90	16.80	R
EG	47C0	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.00	17.40	R
EG	47C1	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.10	18.00	R
EG	47C2	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.20	18.70	R
EG	47C3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.30	19.20	R
EG	47C4	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.40	19.90	R
EG	47C5	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.50	20.50	R
EG	47C6	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.60	21.10	R
EG	47D0	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.00	23.60	R
EG	47D1	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.10	24.20	R
EG	47D2	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.20	24.80	R
EG	47D3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.30	25.30	R
EG	47D4	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.40	25.90	R
EG	47D45	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.50	26.50	R
EG	47D46	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.60	27.10	R
EG	47D5	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.75	10.00	R
EG	47D6	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.75	10.00	R
EG	47D7	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.25	18.90	R
EG	47D8	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.25	18.90	R
EG	47D9	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.75	22.00	R
EG	47D10	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.25	7.00	R
EG	47D11	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.25	7.00	R
EG	47D45	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.50	26.60	R
EG	47E0	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.25	13.00	R
EG	47F8	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.25	13.00	R
EGH	47H1	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.50	2.50	R
EGH	47H2	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.50	2.50	R
EGP	47H3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.50	2.50	R
EGP	47H4	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.50	2.50	R
EGU	4A31	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.50	2.90	R
EGU	4A00	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.00	5.70	R

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EGU	4A01	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.10	6.20	R
EGU	4A02	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.20	6.80	R
EGU	4A03	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.30	7.30	R
EGU	4A04	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.40	7.90	R
EGU	4A05	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.50	8.60	R
EGU	4A06	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.60	9.10	R
EGU	4A07	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.70	9.80	R
EGU	4A82	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.75	10.00	R
EGU	4A08	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.80	10.30	R
EGU	4A09	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.90	10.90	R
EGU	4A10	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.00	11.40	R
EGU	4A11	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.10	12.10	R
EGU	4A12	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.20	12.70	R
EGU	4A13	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.30	13.30	R
EGU	4A14	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.40	13.90	R
EGU	4A15	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.50	14.40	R
EGU	4A16	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.60	15.00	R
EGU	4A17	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.70	15.70	R
EGU	4A18	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.80	16.30	R
EGU	4A19	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.90	16.90	R
EGU	4A20	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.00	17.40	R
EGU	4A21	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.10	18.10	R
EGU	4A22	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.20	18.70	R
EGU	4A23	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.30	19.20	R
EGU	4A24	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.40	19.90	R
EGU	4A25	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.50	20.50	R
EGU	4A26	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.60	21.10	R
EGU	4A27	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.70	21.70	R
EGU	4A28	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.80	22.30	R
EGU	4A29	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.90	22.90	R
EGU	4A30	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.00	23.60	R
EGU	4A65	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.10	24.10	R
EGU	4A67	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.20	24.70	R
EGU	4A67	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.30	25.40	R
EGU	4A68	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.40	25.90	R
EGU	4A69	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.50	26.60	R
EGU	4A70	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.60	27.10	R
EGU	4A85	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.50	2.90	R
EGU	4A33	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.00	5.70	R
EGU	4A32	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.10	6.20	R
EGU	4A34	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.20	6.80	R
EGU	4A35	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.30	7.30	R
EGU	4A36	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.40	7.90	R
EGU	4A37	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.50	8.60	R
EGU	4A38	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.60	9.10	R
EGU	4A39	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.70	9.80	R
EGU	4A78	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.75	10.00	R
EGU	4A40	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.80	10.30	R
EGU	4A41	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.90	10.90	R
EGU	4A42	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.00	11.40	R
EGU	4A43	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.10	12.10	R
EGU	4A44	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.20	12.70	R
EGU	4A45	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.30	13.30	R
EGU	4A46	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.40	13.90	R
EGU	4A47	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.50	14.40	R
EGU	4A48	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.60	15.00	R
EGU	4A49	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.70	15.70	R
EGU	4A50	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.80	16.30	R
EGU	4A51	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.90	16.90	R
EGU	4A52	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.00	17.40	R

BHGS - THERMAL INSULATION DIRECTORY
BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
EGU	4A53	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.10	18.10	R
EGU	4A54	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.20	18.70	R
EGU	4A55	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.30	19.20	R
EGU	4A56	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.40	19.90	R
EGU	4A57	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.50	20.50	R
EGU	4A58	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.60	21.10	R
EGU	4A59	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.70	21.70	R
EGU	4A60	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.80	22.30	R
EGU	4A61	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.90	22.90	R
EGU	4A62	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.00	23.60	R
EGU	4A71	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.10	24.10	R
EGU	4A72	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.20	24.70	R
EGU	4A73	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.30	25.40	R
EGU	4A74	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.40	25.90	R
EGU	4A75	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.50	26.60	R
EGU	4A76	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.60	27.10	R

* DESCRIPTION OF BRAND CODES:

EG = ENERGYGUARD

EGH = ENERGYGUARD HD

EGP = ENERGYGUARD HD PLUS

EGU = ENERGYGUARD ULTRA

Hunter Panels - T 1420					Updated 11/13/2025					
CV	COOL-VENT	ISOCYANURATE	COMPOSITE	WAFERBOARD	ROOF DECK	NO	NO	2.50	5.70	R
CV	COOL-VENT	ISOCYANURATE	COMPOSITE	WAFERBOARD	ROOF DECK	NO	NO	3.00	8.60	R
CV	COOL-VENT	ISOCYANURATE	COMPOSITE	WAFERBOARD	ROOF DECK	NO	NO	3.50	11.40	R
CV	COOL-VENT	ISOCYANURATE	COMPOSITE	WAFERBOARD	ROOF DECK	NO	NO	4.00	14.40	R
CV	COOL-VENT	ISOCYANURATE	COMPOSITE	WAFERBOARD	ROOF DECK	NO	NO	4.10	15.00	R
CV	COOL-VENT	ISOCYANURATE	COMPOSITE	WAFERBOARD	ROOF DECK	NO	NO	4.50	17.40	R
CV	COOL-VENT	ISOCYANURATE	COMPOSITE	WAFERBOARD	ROOF DECK	NO	NO	5.00	20.50	R
HCG	H-SHIELD CG	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	1.00	5.70	R
HCG	H-SHIELD CG	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	1.50	8.60	R
HCG	H-SHIELD CG	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	2.00	11.40	R
HCG	H-SHIELD CG	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	2.70	15.60	R
HCG	H-SHIELD CG	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	3.00	17.40	R
HCG	H-SHIELD CG	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	4.00	23.60	R
HDMA	H-SHIELD HD-MA	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	0.50	2.50	R
HHC	H-SHIELD HD COMPOSITE CG	ISOCYANURATE	COMPOSITE	COATED GLASS FELT	ROOF DECK	NO	NO	2.50	13.90	R
HHC	H-SHIELD HD COMPOSITE CG	ISOCYANURATE	COMPOSITE	COATED GLASS FELT	ROOF DECK	NO	NO	3.00	16.90	R
HH	H-SHIELD HD	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	0.50	2.50	R
HNB	H-SHIELD NB	ISOCYANURATE	COMPOSITE	WAFERBOARD	ROOF DECK	NO	NO	1.50	6.20	R
HNB	H-SHIELD NB	ISOCYANURATE	COMPOSITE	WAFERBOARD	ROOF DECK	NO	NO	2.00	9.20	R
HNB	H-SHIELD NB	ISOCYANURATE	COMPOSITE	WAFERBOARD	ROOF DECK	NO	NO	3.00	15.00	R
HNB	H-SHIELD NB	ISOCYANURATE	COMPOSITE	WAFERBOARD	ROOF DECK	NO	NO	4.00	21.10	R
HSD	H-SHIELD	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	1.00	5.70	R
HSD	H-SHIELD	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	1.50	8.60	R
HSD	H-SHIELD	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	2.00	11.40	R
HSD	H-SHIELD	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	2.50	14.40	R
HSD	H-SHIELD	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	2.70	15.60	R
HSD	H-SHIELD	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	3.00	17.40	R
HSD	H-SHIELD	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	3.50	20.50	R
HSD	H-SHIELD	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	4.00	23.60	R
XAP	XCI FOIL CLASS A PLUS	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	1.00	6.60	R
XAP	XCI FOIL CLASS A PLUS	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	1.50	9.70	R
XAP	XCI FOIL CLASS A PLUS	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	2.00	13.00	R
XCA	XCI FOIL CLASS A	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	1.00	6.30	R
XCA	XCI FOIL CLASS A	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	1.50	9.50	R
XCA	XCI FOIL CLASS A	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	2.00	13.00	R
XCA	XCI FOIL CLASS A	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	2.50	16.00	R
XCA	XCI FOIL CLASS A	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	3.00	19.00	R
XCA	XCI FOIL CLASS A	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	3.50	22.00	R

BHGS - THERMAL INSULATION DIRECTORY
BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
XCC	XCI CG	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	YES	0.50	3.00	R
XCC	XCI CG	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	YES	0.75	4.50	R
XCC	XCI CG	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	YES	1.00	6.00	R
XCC	XCI CG	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	YES	1.50	9.00	R
XCC	XCI CG	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	YES	2.00	12.10	R
XCC	XCI CG	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	YES	2.50	15.30	R
XCC	XCI CG	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	YES	3.00	18.50	R
XCC	XCI CG	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	YES	3.30	20.40	R
XCC	XCI CG	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	YES	3.50	21.70	R
XCC	XCI CG	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	YES	4.00	24.90	R
XCC	XCI CG	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	YES	4.50	28.10	R
XCF	XCI FOIL	ISOCYANURATE	FACED SINGLE MATERIAL	ALUMINUM FOIL KRAFT	WALL	NO	YES	0.50	3.00	R
XCF	XCI FOIL	ISOCYANURATE	FACED SINGLE MATERIAL	ALUMINUM FOIL KRAFT	WALL	NO	YES	0.75	4.50	R
XCF	XCI FOIL	ISOCYANURATE	FACED SINGLE MATERIAL	ALUMINUM FOIL KRAFT	WALL	NO	YES	1.00	6.00	R
XCF	XCI FOIL	ISOCYANURATE	FACED SINGLE MATERIAL	ALUMINUM FOIL KRAFT	WALL	NO	YES	1.50	9.00	R
XCF	XCI FOIL	ISOCYANURATE	FACED SINGLE MATERIAL	ALUMINUM FOIL KRAFT	WALL	NO	YES	2.00	12.10	R
XCF	XCI FOIL	ISOCYANURATE	FACED SINGLE MATERIAL	ALUMINUM FOIL KRAFT	WALL	NO	YES	2.50	15.30	R
XCF	XCI FOIL	ISOCYANURATE	FACED SINGLE MATERIAL	ALUMINUM FOIL KRAFT	WALL	NO	YES	2.70	16.60	R
XCF	XCI FOIL	ISOCYANURATE	FACED SINGLE MATERIAL	ALUMINUM FOIL KRAFT	WALL	NO	YES	3.00	18.50	R
XCF	XCI FOIL	ISOCYANURATE	FACED SINGLE MATERIAL	ALUMINUM FOIL KRAFT	WALL	NO	YES	3.50	21.70	R
XCF	XCI FOIL	ISOCYANURATE	FACED SINGLE MATERIAL	ALUMINUM FOIL KRAFT	WALL	NO	YES	4.00	24.90	R
XCF	XCI FOIL	ISOCYANURATE	FACED SINGLE MATERIAL	ALUMINUM FOIL KRAFT	WALL	NO	YES	4.50	28.10	R
XCGA	XCI CG CLASS A	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	NO	1.00	6.00	R
XCGA	XCI CG CLASS A	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	NO	1.50	9.00	R
XCGA	XCI CG CLASS A	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	NO	2.00	12.10	R
XCGA	XCI CG CLASS A	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	NO	2.50	15.30	R
XCGA	XCI CG CLASS A	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	NO	3.00	18.50	R
XCGA	XCI CG CLASS A	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	NO	3.50	21.70	R
XCGA	XCI CG CLASS A	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	WALL	NO	NO	4.00	25.00	R
XCI	XCI 286	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	1.00	6.30	R
XCI	XCI 286	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	1.20	7.60	R
XCI	XCI 286	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	1.50	9.50	R
XCI	XCI 286	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	1.60	10.10	R
XCI	XCI 286	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	2.00	13.00	R
XCI	XCI 286	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	2.10	13.50	R
XCI	XCI 286	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	2.50	16.00	R
XCI	XCI 286	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	3.00	19.00	R
XCI	XCI 286	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	3.10	19.50	R
XCI	XCI 286	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	3.50	22.00	R
XCN	XCI NB	ISOCYANURATE	COMPOSITE	WAFERBOARD	WALL	NO	NO	1.50	6.60	R
XCN	XCI NB	ISOCYANURATE	COMPOSITE	WAFERBOARD	WALL	NO	NO	2.00	9.60	R
XCN	XCI NB	ISOCYANURATE	COMPOSITE	WAFERBOARD	WALL	NO	NO	2.10	10.20	R
XCN	XCI NB	ISOCYANURATE	COMPOSITE	WAFERBOARD	WALL	NO	NO	2.50	12.70	R
XCN	XCI NB	ISOCYANURATE	COMPOSITE	WAFERBOARD	WALL	NO	NO	3.00	15.90	R
XCN	XCI NB	ISOCYANURATE	COMPOSITE	WAFERBOARD	WALL	NO	NO	3.50	19.10	R
XCN	XCI NB	ISOCYANURATE	COMPOSITE	WAFERBOARD	WALL	NO	NO	4.50	25.60	R
XCP	XCI PLY	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	1.60	6.60	R
XCP	XCI PLY	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	1.70	7.20	R
XCP	XCI PLY	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	2.10	9.60	R
XCP	XCI PLY	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	2.20	10.20	R
XCP	XCI PLY	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	2.60	12.70	R
XCP	XCI PLY	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	2.70	13.30	R
XCP	XCI PLY	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	3.10	15.90	R
XCP	XCI PLY	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	3.20	16.40	R
XCP	XCI PLY	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	3.60	18.50	R
XCP	XCI PLY	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	3.70	19.10	R
XCP	XCI PLY	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	3.80	19.60	R
XCP	XCI PLY	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	4.10	21.10	R

BHGS - THERMAL INSULATION DIRECTORY
BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
XCP	XCI PLY	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	4.70	24.10	R
XCPA	XCI PLY CLASS A	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	1.60	6.60	R
XCPA	XCI PLY CLASS A	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	1.70	7.20	R
XCPA	XCI PLY CLASS A	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	2.10	9.60	R
XCPA	XCI PLY CLASS A	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	2.20	10.20	R
XCPA	XCI PLY CLASS A	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	2.60	12.70	R
XCPA	XCI PLY CLASS A	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	2.70	13.30	R
XCPA	XCI PLY CLASS A	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	3.10	15.90	R
XCPA	XCI PLY CLASS A	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	3.20	16.40	R
XCPA	XCI PLY CLASS A	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	3.60	18.50	R
XCPA	XCI PLY CLASS A	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	3.70	19.10	R
XCPA	XCI PLY CLASS A	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	3.80	19.60	R
XCPA	XCI PLY CLASS A	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	4.10	21.10	R
XCPA	XCI PLY CLASS A	ISOCYANURATE	COMPOSITE	PLYWOOD	WALL	NO	NO	4.70	24.10	R

* DESCRIPTION OF BRAND CODES:

CV = COOL-VENT

HCG = H-SHIELD-CG

HDMA = H-SHIELD HD-MA

HHC = H-SHIELD HD COMPOSITE CG

HHD=H-SHIELD HD

HNB = H-SHIELD-NB

HSD = H-SHIELD

XAP = XCI FOIL CLASS A PLUS

XCA = XCI FOIL CLASS A

XCC = XCI CG

XCF = XCI FOIL

XCGA = XCI CG CLASS A

XCI = XCI 286

XCP = XCI PLY

XCN = XCI NB

XCPA = XCI PLY CLASS A

Johns Manville - T 1341						Updated 11/10/2022				
JM	AP FOIL-FACED SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	0.50	2.90	R
JM	AP FOIL-FACED SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	0.62	3.50	R
JM	AP FOIL-FACED SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	0.75	5.00	R
JM	AP FOIL-FACED SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	1.00	6.00	R
JM	AP FOIL-FACED SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	1.20	7.50	R
JM	AP FOIL-FACED SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	1.50	9.30	R
JM	AP FOIL-FACED SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	1.55	9.60	R
JM	AP FOIL-FACED SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	1.65	10.00	R
JM	AP FOIL-FACED SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	2.00	13.00	R
JM	AP FOIL-FACED SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	2.50	16.00	R
JM	AP FOIL-FACED SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	3.00	19.00	R
JM	AP FOIL-FACED SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	3.50	22.00	R
JM	AP FOIL-FACED SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	4.00	26.00	R
JM	AP FOIL-FACED SHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	4.50	28.00	R
JM	CIMAX 0.5	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	0.50	2.90	R
JM	CIMAX 0.77	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	0.77	4.50	R
JM	CIMAX 0.85	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	0.85	5.00	R
JM	CIMAX 1	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	1.00	6.00	R
JM	CIMAX 1.50	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	1.50	9.30	R
JM	CIMAX 1.55	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	1.55	9.60	R
JM	CIMAX 1.65	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	1.65	10.00	R
JM	CIMAX 2	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	2.00	13.00	R
JM	CIMAX 2.5	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	2.50	16.00	R
JM	CIMAX 3	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	3.00	19.00	R
JM	CIMAX 3.5	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	3.50	22.00	R
JM	CIMAX 4	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	YES	YES	4.00	26.00	R
JM	ENRGY 3® 0.5"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.50	3.00	R
JM	ENRGY 3® 0.75"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.75	4.50	R
JM	ENRGY 3® 1"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.00	5.70	R
JM	ENRGY 3® 1.1"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.10	6.30	R
JM	ENRGY 3® 1.2"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.20	6.80	R
JM	ENRGY 3® 1.25"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.25	7.10	R
JM	ENRGY 3® 1.3"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.30	7.40	R

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Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
JM	ENRGY 3® 1.4"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.40	8.00	R
JM	ENRGY 3® 1.5"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.50	8.60	R
JM	ENRGY 3® 1.6"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.60	9.10	R
JM	ENRGY 3® 1.7"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.70	9.70	R
JM	ENRGY 3® 1.75"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.75	10.00	R
JM	ENRGY 3® 1.8"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.80	10.30	R
JM	ENRGY 3® 1.9"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.90	10.80	R
JM	ENRGY 3® 2"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.00	11.40	R
JM	ENRGY 3® 2.1"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.10	12.00	R
JM	ENRGY 3® 2.2"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.20	12.60	R
JM	ENRGY 3® 2.25"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.25	12.90	R
JM	ENRGY 3® 2.3"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.30	13.20	R
JM	ENRGY 3® 2.4"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.40	13.80	R
JM	ENRGY 3® 2.5"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.50	14.40	R
JM	ENRGY 3® 2.6"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.60	15.00	R
JM	ENRGY 3® 2.7"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.70	15.60	R
JM	ENRGY 3® 2.75"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.75	15.90	R
JM	ENRGY 3® 2.8"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.80	16.20	R
JM	ENRGY 3® 2.9"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.90	16.80	R
JM	ENRGY 3® 3"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.00	17.40	R
JM	ENRGY 3® 3.1"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.10	18.00	R
JM	ENRGY 3® 3.2"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.20	18.60	R
JM	ENRGY 3® 3.25"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.25	18.90	R
JM	ENRGY 3® 3.3"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.30	19.20	R
JM	ENRGY 3® 3.4"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.40	19.90	R
JM	ENRGY 3® 3.5"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.50	20.50	R
JM	ENRGY 3® 3.6"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.60	21.10	R
JM	ENRGY 3® 3.7"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.70	21.70	R
JM	ENRGY 3® 3.75"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.75	22.00	R
JM	ENRGY 3® 3.8"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.80	22.30	R
JM	ENRGY 3® 3.9"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.90	23.00	R
JM	ENRGY 3® 4"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.00	23.60	R
JM	ENRGY 3® 4.1"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.10	24.20	R
JM	ENRGY 3® 4.2"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.20	24.90	R
JM	ENRGY 3® 4.3"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.30	25.50	R
JM	ENRGY 3® 4.4"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.40	26.10	R
JM	ENRGY 3® 4.5"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.50	26.80	R
JM	Tapered ENRGY 3® 1A	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.5**	3.60	R
JM	Tapered ENRGY 3® 1B	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.75**	5.00	R
JM	Tapered ENRGY 3® 01	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1**	6.40	R
JM	Tapered ENRGY 3® 02	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.25**	7.80	R
JM	Tapered ENRGY 3® 03	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.5**	9.30	R
JM	Tapered ENRGY 3® 04	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.75**	10.70	R
JM	Tapered ENRGY 3® 05	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2**	12.10	R
JM	Tapered ENRGY 3® 06	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.25**	13.60	R
JM	Tapered ENRGY 3® AA	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.5**	4.30	R
JM	Tapered ENRGY 3® A	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1**	7.10	R
JM	Tapered ENRGY 3® B	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.5**	10.00	R
JM	Tapered ENRGY 3® C	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2**	12.90	R
JM	Tapered ENRGY 3® D	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.5**	15.90	R
JM	Tapered ENRGY 3® E	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3**	18.90	R
JM	Tapered ENRGY 3® F	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.5**	22.10	R
JM	Tapered ENRGY 3® G	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1**	8.60	R
JM	Tapered ENRGY 3® H	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2**	14.40	R
JM	Tapered ENRGY 3® J	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1**	7.80	R
JM	Tapered ENRGY 3® K	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.75**	12.10	R
JM	Tapered ENRGY 3® L	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.5**	16.60	R

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JM	Tapered ENRGY 3® M	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.25**	21.20	R
JM	Tapered ENRGY 3® I	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3**	20.50	R
JM	Tapered ENRGY 3® X	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.5**	5.70	R
JM	Tapered ENRGY 3® Y	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.5**	11.40	R
JM	Tapered ENRGY 3® Z	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.5**	17.40	R
JM	Tapered ENRGY 3® ZZ	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.5**	23.60	R
JM	Tapered ENRGY 3® SS	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.5**	7.10	R
JM	Tapered ENRGY 3® TT	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2**	15.90	R
JM	Tapered ENRGY 3® Q	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.5**	8.60	R
JM	Tapered ENRGY 3® QQ	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.5**	20.50	R
JM	Tapered ENRGY 3® R	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.75**	5.70	R
JM	Tapered ENRGY 3® S	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.25**	8.60	R
JM	Tapered ENRGY 3® T	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.75**	11.40	R
JM	Tapered ENRGY 3® U	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.25**	14.40	R
JM	Tapered ENRGY 3® V	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.75**	17.40	R
JM	Tapered ENRGY 3® W	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.25**	20.50	R
JM	Tapered ENRGY 3® XX	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1**	11.40	R
JM	Tapered ENRGY 3® KK	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.25**	9.30	R
JM	Tapered ENRGY 3® JJ	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.5**	5.00	R
JM	Tapered ENRGY 3® FF	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4**	25.30	R
JM	Tapered ENRGY 3® LL	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2**	13.60	R
JM	Tapered ENRGY 3® MM	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.75**	18.20	R
JM	ENRGY 3® 0.5" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.50	3.00	R
JM	ENRGY 3® 0.75" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.75	4.50	R
JM	ENRGY 3® 1" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.00	5.70	R
JM	ENRGY 3® 1.1" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.10	6.30	R
JM	ENRGY 3® 1.2" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.20	6.80	R
JM	ENRGY 3® 1.25" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.25	7.10	R
JM	ENRGY 3® 1.3" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.30	7.40	R
JM	ENRGY 3® 1.4" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.40	8.00	R
JM	ENRGY 3® 1.5" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.50	8.60	R
JM	ENRGY 3® 1.6" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.60	9.10	R
JM	ENRGY 3® 1.7" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.70	9.70	R
JM	ENRGY 3® 1.75" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.75	10.00	R
JM	ENRGY 3® 1.8" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.80	10.30	R
JM	ENRGY 3® 1.9" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.90	10.80	R
JM	ENRGY 3® 2" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.00	11.40	R
JM	ENRGY 3® 2.1" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.10	12.00	R
JM	ENRGY 3® 2.2" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.20	12.60	R
JM	ENRGY 3® 2.25" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.25	12.90	R
JM	ENRGY 3® 2.3" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.30	13.20	R
JM	ENRGY 3® 2.4" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.40	13.80	R
JM	ENRGY 3® 2.5" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.50	14.40	R
JM	ENRGY 3® 2.6" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.60	15.00	R
JM	ENRGY 3® 2.7" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.70	15.60	R
JM	ENRGY 3® 2.75" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.75	15.90	R
JM	ENRGY 3® 2.8" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.80	16.20	R
JM	ENRGY 3® 2.9" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.90	16.80	R
JM	ENRGY 3® 3" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.00	17.40	R
JM	ENRGY 3® 3.1" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.10	18.00	R
JM	ENRGY 3® 3.2" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.20	18.60	R
JM	ENRGY 3® 3.25" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.25	18.90	R
JM	ENRGY 3® 3.3" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.30	19.20	R
JM	ENRGY 3® 3.4" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.40	19.90	R
JM	ENRGY 3® 3.5" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.50	20.50	R
JM	ENRGY 3® 3.6" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.60	21.10	R
JM	ENRGY 3® 3.7" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.70	21.70	R

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JM	ENRGY 3® 3.75" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.75	22.00	R
JM	ENRGY 3® 3.8" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.80	22.30	R
JM	ENRGY 3® 3.9" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.90	23.00	R
JM	ENRGY 3® 4" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.00	23.60	R
JM	ENRGY 3® 4.1" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.10	24.20	R
JM	ENRGY 3® 4.2" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.20	24.90	R
JM	ENRGY 3® 4.3" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.30	25.50	R
JM	ENRGY 3® 4.4" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.40	26.10	R
JM	ENRGY 3® 4.5" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.50	26.80	R
JM	Tapered ENRGY 3® 1A 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.5**	3.60	R
JM	Tapered ENRGY 3® 1B 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.75**	5.00	R
JM	Tapered ENRGY 3® 01 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1**	6.40	R
JM	Tapered ENRGY 3® 02 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.25**	7.80	R
JM	Tapered ENRGY 3® 03 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.5**	9.30	R
JM	Tapered ENRGY 3® 04 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.75**	10.70	R
JM	Tapered ENRGY 3® 05 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2**	12.10	R
JM	Tapered ENRGY 3® 06 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.25**	13.60	R
JM	Tapered ENRGY 3® AA 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.5**	4.30	R
JM	Tapered ENRGY 3® A 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1**	7.10	R
JM	Tapered ENRGY 3® B 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.5**	10.00	R
JM	Tapered ENRGY 3® C 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2**	12.90	R
JM	Tapered ENRGY 3® D 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.5**	15.90	R
JM	Tapered ENRGY 3® E 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3**	18.90	R
JM	Tapered ENRGY 3® F 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.5**	22.10	R
JM	Tapered ENRGY 3® G 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1**	8.60	R
JM	Tapered ENRGY 3® H 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2**	14.40	R
JM	Tapered ENRGY 3® J 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1**	7.80	R
JM	Tapered ENRGY 3® K 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.75**	12.10	R
JM	Tapered ENRGY 3® L 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.5**	16.60	R
JM	Tapered ENRGY 3® M 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.25**	21.20	R
JM	Tapered ENRGY 3® I 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3**	20.50	R
JM	Tapered ENRGY 3® X 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.5**	5.70	R
JM	Tapered ENRGY 3® Y 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.5**	11.40	R
JM	Tapered ENRGY 3® Z 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.5**	17.40	R
JM	Tapered ENRGY 3® ZZ 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.5**	23.60	R
JM	Tapered ENRGY 3® SS 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.5**	7.10	R
JM	Tapered ENRGY 3® TT 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2**	15.90	R
JM	Tapered ENRGY 3® Q 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.5**	8.60	R
JM	Tapered ENRGY 3® QQ 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.5**	20.50	R
JM	Tapered ENRGY 3® R 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.75**	5.70	R
JM	Tapered ENRGY 3® S 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.25**	8.60	R
JM	Tapered ENRGY 3® T 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.75**	11.40	R
JM	Tapered ENRGY 3® U 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.25**	14.40	R
JM	Tapered ENRGY 3® V 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.75**	17.40	R
JM	Tapered ENRGY 3® W 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.25**	20.50	R
JM	Tapered ENRGY 3® XX 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1**	11.40	R
JM	Tapered ENRGY 3® KK 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.25**	9.30	R
JM	Tapered ENRGY 3® JJ 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.5**	5.00	R
JM	Tapered ENRGY 3® FF 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4**	25.30	R
JM	Tapered ENRGY 3® LL 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2**	13.60	R
JM	Tapered ENRGY 3® MM 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.75**	18.20	R
JM	ENRGY 3® CGF 0.5"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	0.50	3.00	R
JM	ENRGY 3® CGF 0.75"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	0.75	4.50	R
JM	ENRGY 3® CGF 1"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.00	5.70	R
JM	ENRGY 3® CGF 1.1"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.10	6.30	R
JM	ENRGY 3® CGF 1.2"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.20	6.80	R
JM	ENRGY 3® CGF 1.25"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.25	7.10	R

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Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
JM	ENRGY 3® CGF 1.3"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.30	7.40	R
JM	ENRGY 3® CGF 1.4"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.40	8.00	R
JM	ENRGY 3® CGF 1.5"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.50	8.60	R
JM	ENRGY 3® CGF 1.6"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.60	9.10	R
JM	ENRGY 3® CGF 1.7"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.70	9.70	R
JM	ENRGY 3® CGF 1.75"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.75	10.00	R
JM	ENRGY 3® CGF 1.8"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.80	10.30	R
JM	ENRGY 3® CGF 1.9"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.90	10.80	R
JM	ENRGY 3® CGF 2"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.00	11.40	R
JM	ENRGY 3® CGF 2.1"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.10	12.00	R
JM	ENRGY 3® CGF 2.2"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.20	12.60	R
JM	ENRGY 3® CGF 2.25"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.25	12.90	R
JM	ENRGY 3® CGF 2.3"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.30	13.20	R
JM	ENRGY 3® CGF 2.4"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.40	13.80	R
JM	ENRGY 3® CGF 2.5"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.50	14.40	R
JM	ENRGY 3® CGF 2.6"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.60	15.00	R
JM	ENRGY 3® CGF 2.7"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.70	15.60	R
JM	ENRGY 3® CGF 2.75"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.75	15.90	R
JM	ENRGY 3® CGF 2.8"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.80	16.20	R
JM	ENRGY 3® CGF 2.9"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.90	16.80	R
JM	ENRGY 3® CGF 3"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.00	17.40	R
JM	ENRGY 3® CGF 3.1"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.10	18.00	R
JM	ENRGY 3® CGF 3.2"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.20	18.60	R
JM	ENRGY 3® CGF 3.25"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.25	18.90	R
JM	ENRGY 3® CGF 3.3"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.30	19.20	R
JM	ENRGY 3® CGF 3.4"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.40	19.90	R
JM	ENRGY 3® CGF 3.5"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.50	20.50	R
JM	ENRGY 3® CGF 3.6"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.60	21.10	R
JM	ENRGY 3® CGF 3.7"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.70	21.70	R
JM	ENRGY 3® CGF 3.75"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.75	22.00	R
JM	ENRGY 3® CGF 3.8"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.80	22.30	R
JM	ENRGY 3® CGF 3.9"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.90	23.00	R
JM	ENRGY 3® CGF 4"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	4.00	23.60	R
JM	ENRGY 3® CGF 4.1"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	4.10	24.20	R
JM	ENRGY 3® CGF 4.2"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	4.20	24.90	R
JM	ENRGY 3® CGF 4.3"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	4.30	25.50	R
JM	ENRGY 3® CGF 4.4"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	4.40	26.10	R
JM	ENRGY 3® CGF 4.5"	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	4.50	26.80	R
JM	Tapered ENRGY 3® CGF 1A	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	0.5**	3.60	R
JM	Tapered ENRGY 3® CGF 1B	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	0.75**	5.00	R
JM	Tapered ENRGY 3® CGF 01	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1**	6.40	R
JM	Tapered ENRGY 3® CGF 02	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.25**	7.80	R
JM	Tapered ENRGY 3® CGF 03	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.5**	9.30	R
JM	Tapered ENRGY 3® CGF 04	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.75**	10.70	R
JM	Tapered ENRGY 3® CGF 05	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2**	12.10	R
JM	Tapered ENRGY 3® CGF 06	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.25**	13.60	R
JM	Tapered ENRGY 3® CGF AA	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	0.5**	4.30	R
JM	Tapered ENRGY 3® CGF A	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1**	7.10	R
JM	Tapered ENRGY 3® CGF B	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.5**	10.00	R
JM	Tapered ENRGY 3® CGF C	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2**	12.90	R
JM	Tapered ENRGY 3® CGF D	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.5**	15.90	R
JM	Tapered ENRGY 3® CGF E	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3**	18.90	R
JM	Tapered ENRGY 3® CGF F	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.5**	22.10	R
JM	Tapered ENRGY 3® CGF G	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1**	8.60	R
JM	Tapered ENRGY 3® CGF H	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2**	14.40	R
JM	Tapered ENRGY 3® CGF J	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1**	7.80	R
JM	Tapered ENRGY 3® CGF K	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.75**	12.10	R

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JM	Tapered ENRGY 3® CGF L	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.5**	16.60	R
JM	Tapered ENRGY 3® CGF M	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.25**	21.20	R
JM	Tapered ENRGY 3® CGF I	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3**	20.50	R
JM	Tapered ENRGY 3® CGF X	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	0.5**	5.70	R
JM	Tapered ENRGY 3® CGF Y	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.5**	11.40	R
JM	Tapered ENRGY 3® CGF Z	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.5**	17.40	R
JM	Tapered ENRGY 3® CGF ZZ	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.5**	23.60	R
JM	Tapered ENRGY 3® CGF SS	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	0.5**	7.10	R
JM	Tapered ENRGY 3® CGF TT	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2**	15.90	R
JM	Tapered ENRGY 3® CGF Q	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	0.5**	8.60	R
JM	Tapered ENRGY 3® CGF QQ	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.5**	20.50	R
JM	Tapered ENRGY 3® CGF R	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	0.75**	5.70	R
JM	Tapered ENRGY 3® CGF S	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.25**	8.60	R
JM	Tapered ENRGY 3® CGF T	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.75**	11.40	R
JM	Tapered ENRGY 3® CGF U	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.25**	14.40	R
JM	Tapered ENRGY 3® CGF V	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.75**	17.40	R
JM	Tapered ENRGY 3® CGF W	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.25**	20.50	R
JM	Tapered ENRGY 3® CGF XX	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1**	11.40	R
JM	Tapered ENRGY 3® CGF KK	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.25**	9.30	R
JM	Tapered ENRGY 3® CGF JJ	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	0.5**	5.00	R
JM	Tapered ENRGY 3® CGF FF	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	4**	25.30	R
JM	Tapered ENRGY 3® CGF LL	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2**	13.60	R
JM	Tapered ENRGY 3® CGF MM	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.75**	18.20	R
JM	ENRGY 3® CGF 0.5" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	0.50	3.00	R
JM	ENRGY 3® CGF 0.75" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	0.75	4.50	R
JM	ENRGY 3® CGF 1" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.00	5.70	R
JM	ENRGY 3® CGF 1.1" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.10	6.30	R
JM	ENRGY 3® CGF 1.2" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.20	6.80	R
JM	ENRGY 3® CGF 1.25" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.25	7.10	R
JM	ENRGY 3® CGF 1.3" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.30	7.40	R
JM	ENRGY 3® CGF 1.4" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.40	8.00	R
JM	ENRGY 3® CGF 1.5" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.50	8.60	R
JM	ENRGY 3® CGF 1.6" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.60	9.10	R
JM	ENRGY 3® CGF 1.7" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.70	9.70	R
JM	ENRGY 3® CGF 1.75" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.75	10.00	R
JM	ENRGY 3® CGF 1.8" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.80	10.30	R
JM	ENRGY 3® CGF 1.9" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.90	10.80	R
JM	ENRGY 3® CGF 2" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.00	11.40	R
JM	ENRGY 3® CGF 2.1" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.10	12.00	R
JM	ENRGY 3® CGF 2.2" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.20	12.60	R
JM	ENRGY 3® CGF 2.25" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.25	12.90	R
JM	ENRGY 3® CGF 2.3" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.30	13.20	R
JM	ENRGY 3® CGF 2.4" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.40	13.80	R
JM	ENRGY 3® CGF 2.5" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.50	14.40	R
JM	ENRGY 3® CGF 2.6" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.60	15.00	R
JM	ENRGY 3® CGF 2.7" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.70	15.60	R
JM	ENRGY 3® CGF 2.75" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.75	15.90	R
JM	ENRGY 3® CGF 2.8" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.80	16.20	R
JM	ENRGY 3® CGF 2.9" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.90	16.80	R
JM	ENRGY 3® CGF 3" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.00	17.40	R
JM	ENRGY 3® CGF 3.1" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.10	18.00	R
JM	ENRGY 3® CGF 3.2" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.20	18.60	R
JM	ENRGY 3® CGF 3.25" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.25	18.90	R
JM	ENRGY 3® CGF 3.3" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.30	19.20	R
JM	ENRGY 3® CGF 3.4" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.40	19.90	R
JM	ENRGY 3® CGF 3.5" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.50	20.50	R
JM	ENRGY 3® CGF 3.6" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.60	21.10	R

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BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
JM	ENRGY 3® CGF 3.7" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.70	21.70	R
JM	ENRGY 3® CGF 3.75" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.75	22.00	R
JM	ENRGY 3® CGF 3.8" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.80	22.30	R
JM	ENRGY 3® CGF 3.9" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.90	23.00	R
JM	ENRGY 3® CGF 4" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	4.00	23.60	R
JM	ENRGY 3® CGF 4.1" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	4.10	24.20	R
JM	ENRGY 3® CGF 4.2" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	4.20	24.90	R
JM	ENRGY 3® CGF 4.3" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	4.30	25.50	R
JM	ENRGY 3® CGF 4.4" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	4.40	26.10	R
JM	ENRGY 3® CGF 4.5" 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	4.50	26.80	R
JM	Tapered ENRGY 3® CGF 1A 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	0.5**	3.60	R
JM	Tapered ENRGY 3® CGF 1B 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	0.75**	5.00	R
JM	Tapered ENRGY 3® CGF 01 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1**	6.40	R
JM	Tapered ENRGY 3® CGF 02 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.25**	7.80	R
JM	Tapered ENRGY 3® CGF 03 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.5**	9.30	R
JM	Tapered ENRGY 3® CGF 04 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.75**	10.70	R
JM	Tapered ENRGY 3® CGF 05 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2**	12.10	R
JM	Tapered ENRGY 3® CGF 06 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.25**	13.60	R
JM	Tapered ENRGY 3® CGF AA 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	0.5**	4.30	R
JM	Tapered ENRGY 3® CGF A 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1**	7.10	R
JM	Tapered ENRGY 3® CGF B 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.5**	10.00	R
JM	Tapered ENRGY 3® CGF C 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2**	12.90	R
JM	Tapered ENRGY 3® CGF D 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.5**	15.90	R
JM	Tapered ENRGY 3® CGF E 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3**	18.90	R
JM	Tapered ENRGY 3® CGF F 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.5**	22.10	R
JM	Tapered ENRGY 3® CGF G 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1**	8.60	R
JM	Tapered ENRGY 3® CGF H 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2**	14.40	R
JM	Tapered ENRGY 3® CGF J 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1**	7.80	R
JM	Tapered ENRGY 3® CGF K 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.75**	12.10	R
JM	Tapered ENRGY 3® CGF L 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.5**	16.60	R
JM	Tapered ENRGY 3® CGF M 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.25**	21.20	R
JM	Tapered ENRGY 3® CGF I 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3**	20.50	R
JM	Tapered ENRGY 3® CGF X 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	0.5**	5.70	R
JM	Tapered ENRGY 3® CGF Y 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.5**	11.40	R
JM	Tapered ENRGY 3® CGF Z 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.5**	17.40	R
JM	Tapered ENRGY 3® CGF ZZ 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.5**	23.60	R
JM	Tapered ENRGY 3® CGF SS 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	0.5**	7.10	R
JM	Tapered ENRGY 3® CGF TT 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2**	15.90	R
JM	Tapered ENRGY 3® CGF Q 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	0.5**	8.60	R
JM	Tapered ENRGY 3® CGF QQ 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.5**	20.50	R
JM	Tapered ENRGY 3® CGF R 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	0.75**	5.70	R
JM	Tapered ENRGY 3® CGF S 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.25**	8.60	R
JM	Tapered ENRGY 3® CGF T 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.75**	11.40	R
JM	Tapered ENRGY 3® CGF U 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.25**	14.40	R
JM	Tapered ENRGY 3® CGF V 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.75**	17.40	R
JM	Tapered ENRGY 3® CGF W 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	3.25**	20.50	R
JM	Tapered ENRGY 3® CGF XX 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1**	11.40	R
JM	Tapered ENRGY 3® CGF KK 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	1.25**	9.30	R
JM	Tapered ENRGY 3® CGF JJ 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	0.5**	5.00	R
JM	Tapered ENRGY 3® CGF FF 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	4**	25.30	R
JM	Tapered ENRGY 3® CGF LL 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2**	13.60	R
JM	Tapered ENRGY 3® CGF MM 25PSI	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	2.75**	18.20	R
JM	ENRGY 3.E® 0.5"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.50	3.00	R
JM	ENRGY 3.E® 0.75"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.75	4.50	R
JM	ENRGY 3.E® 1"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.00	5.70	R
JM	ENRGY 3.E® 1.1"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.10	6.30	R
JM	ENRGY 3.E® 1.2"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.20	6.80	R

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Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
JM	ENRGY 3.E@ 1.25"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.25	7.10	R
JM	ENRGY 3.E@ 1.3"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.30	7.40	R
JM	ENRGY 3.E@ 1.4"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.40	8.00	R
JM	ENRGY 3.E@ 1.5"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.50	8.60	R
JM	ENRGY 3.E@ 1.6"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.60	9.10	R
JM	ENRGY 3.E@ 1.7"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.70	9.70	R
JM	ENRGY 3.E@ 1.75"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.75	10.00	R
JM	ENRGY 3.E@ 1.8"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.80	10.30	R
JM	ENRGY 3.E@ 1.9"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.90	10.80	R
JM	ENRGY 3.E@ 2"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.00	11.40	R
JM	ENRGY 3.E@ 2.1"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.10	12.00	R
JM	ENRGY 3.E@ 2.2"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.20	12.60	R
JM	ENRGY 3.E@ 2.25"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.25	12.90	R
JM	ENRGY 3.E@ 2.3"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.30	13.20	R
JM	ENRGY 3.E@ 2.4"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.40	13.80	R
JM	ENRGY 3.E@ 2.5"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.50	14.40	R
JM	ENRGY 3.E@ 2.6"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.60	15.00	R
JM	ENRGY 3.E@ 2.7"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.70	15.60	R
JM	ENRGY 3.E@ 2.75"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.75	15.90	R
JM	ENRGY 3.E@ 2.8"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.80	16.20	R
JM	ENRGY 3.E@ 2.9"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.90	16.80	R
JM	ENRGY 3.E@ 3"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.00	17.40	R
JM	ENRGY 3.E@ 3.1"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.10	18.00	R
JM	ENRGY 3.E@ 3.2"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.20	18.60	R
JM	ENRGY 3.E@ 3.25"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.25	18.90	R
JM	ENRGY 3.E@ 3.3"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.30	19.20	R
JM	ENRGY 3.E@ 3.4"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.40	19.90	R
JM	ENRGY 3.E@ 3.5"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.50	20.50	R
JM	ENRGY 3.E@ 3.6"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.60	21.10	R
JM	ENRGY 3.E@ 3.7"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.70	21.70	R
JM	ENRGY 3.E@ 3.75"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.75	22.00	R
JM	ENRGY 3.E@ 3.8"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.80	22.30	R
JM	ENRGY 3.E@ 3.9"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.90	23.00	R
JM	ENRGY 3.E@ 4"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.00	23.60	R
JM	ENRGY 3.E@ 4.1"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.10	24.20	R
JM	ENRGY 3.E@ 4.2"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.20	24.90	R
JM	ENRGY 3.E@ 4.3"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.30	25.50	R
JM	ENRGY 3.E@ 4.4"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.40	26.10	R
JM	ENRGY 3.E@ 4.5"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.50	26.80	R
JM	Tapered ENRGY 3.E@ 1A	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.5**	3.60	R
JM	Tapered ENRGY 3.E@ 1B	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.75**	5.00	R
JM	Tapered ENRGY 3.E@ 01	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1**	6.40	R
JM	Tapered ENRGY 3.E@ 02	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.25**	7.80	R
JM	Tapered ENRGY 3.E@ 03	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.5**	9.30	R
JM	Tapered ENRGY 3.E@ 04	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.75**	10.70	R
JM	Tapered ENRGY 3.E@ 05	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2**	12.10	R
JM	Tapered ENRGY 3.E@ 06	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.25**	13.60	R
JM	Tapered ENRGY 3.E@ AA	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.5**	4.30	R
JM	Tapered ENRGY 3.E@ A	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1**	7.10	R
JM	Tapered ENRGY 3.E@ B	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.5**	10.00	R
JM	Tapered ENRGY 3.E@ C	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2**	12.90	R
JM	Tapered ENRGY 3.E@ D	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.5**	15.90	R
JM	Tapered ENRGY 3.E@ E	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3**	18.90	R
JM	Tapered ENRGY 3.E@ F	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.5**	22.10	R
JM	Tapered ENRGY 3.E@ G	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1**	8.60	R
JM	Tapered ENRGY 3.E@ H	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2**	14.40	R
JM	Tapered ENRGY 3.E@ J	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1**	7.80	R
JM	Tapered ENRGY 3.E@ K	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.75**	12.10	R

BHGS - THERMAL INSULATION DIRECTORY
BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
JM	Tapered ENRGY 3.E® L	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.5**	16.60	R
JM	Tapered ENRGY 3.E® M	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.25**	21.20	R
JM	Tapered ENRGY 3.E® I	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3**	20.50	R
JM	Tapered ENRGY 3.E® X	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.5**	5.70	R
JM	Tapered ENRGY 3.E® Y	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.5**	11.40	R
JM	Tapered ENRGY 3.E® Z	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.5**	17.40	R
JM	Tapered ENRGY 3.E® ZZ	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.5**	23.60	R
JM	Tapered ENRGY 3.E® SS	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.5**	7.10	R
JM	Tapered ENRGY 3.E® TT	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2**	15.90	R
JM	Tapered ENRGY 3.E® Q	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.5**	8.60	R
JM	Tapered ENRGY 3.E® QQ	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.5**	20.50	R
JM	Tapered ENRGY 3.E® R	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.75**	5.70	R
JM	Tapered ENRGY 3.E® S	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.25**	8.60	R
JM	Tapered ENRGY 3.E® T	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.75**	11.40	R
JM	Tapered ENRGY 3.E® U	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.25**	14.40	R
JM	Tapered ENRGY 3.E® V	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.75**	17.40	R
JM	Tapered ENRGY 3.E® W	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.25**	20.50	R
JM	Tapered ENRGY 3.E® XX	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1**	11.40	R
JM	Tapered ENRGY 3.E® KK	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.25**	9.30	R
JM	Tapered ENRGY 3.E® JJ	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.5**	5.00	R
JM	Tapered ENRGY 3.E® FF	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4**	25.30	R
JM	Tapered ENRGY 3.E® LL	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2**	13.60	R
JM	Tapered ENRGY 3.E® MM	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.75**	18.20	R
JM	ENRGY 3.E® 25PSI 0.5"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.50	3.00	R
JM	ENRGY 3.E® 25PSI 0.75"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.75	4.50	R
JM	ENRGY 3.E® 25PSI 1"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.00	5.70	R
JM	ENRGY 3.E® 25PSI 1.1"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.10	6.30	R
JM	ENRGY 3.E® 25PSI 1.2"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.20	6.80	R
JM	ENRGY 3.E® 25PSI 1.25"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.25	7.10	R
JM	ENRGY 3.E® 25PSI 1.3"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.30	7.40	R
JM	ENRGY 3.E® 25PSI 1.4"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.40	8.00	R
JM	ENRGY 3.E® 25PSI 1.5"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.50	8.60	R
JM	ENRGY 3.E® 25PSI 1.6"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.60	9.10	R
JM	ENRGY 3.E® 25PSI 1.7"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.70	9.70	R
JM	ENRGY 3.E® 25PSI 1.75"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.75	10.00	R
JM	ENRGY 3.E® 25PSI 1.8"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.80	10.30	R
JM	ENRGY 3.E® 25PSI 1.9"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.90	10.80	R
JM	ENRGY 3.E® 25PSI 2"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.00	11.40	R
JM	ENRGY 3.E® 25PSI 2.1"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.10	12.00	R
JM	ENRGY 3.E® 25PSI 2.2"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.20	12.60	R
JM	ENRGY 3.E® 25PSI 2.25"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.25	12.90	R
JM	ENRGY 3.E® 25PSI 2.3"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.30	13.20	R
JM	ENRGY 3.E® 25PSI 2.4"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.40	13.80	R
JM	ENRGY 3.E® 25PSI 2.5"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.50	14.40	R
JM	ENRGY 3.E® 25PSI 2.6"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.60	15.00	R
JM	ENRGY 3.E® 25PSI 2.7"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.70	15.60	R
JM	ENRGY 3.E® 25PSI 2.75"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.75	15.90	R
JM	ENRGY 3.E® 25PSI 2.8"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.80	16.20	R
JM	ENRGY 3.E® 25PSI 2.9"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.90	16.80	R
JM	ENRGY 3.E® 25PSI 3"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.00	17.40	R
JM	ENRGY 3.E® 25PSI 3.1"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.10	18.00	R
JM	ENRGY 3.E® 25PSI 3.2"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.20	18.60	R
JM	ENRGY 3.E® 25PSI 3.25"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.25	18.90	R
JM	ENRGY 3.E® 25PSI 3.3"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.30	19.20	R
JM	ENRGY 3.E® 25PSI 3.4"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.40	19.90	R
JM	ENRGY 3.E® 25PSI 3.5"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.50	20.50	R
JM	ENRGY 3.E® 25PSI 3.6"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.60	21.10	R
JM	ENRGY 3.E® 25PSI 3.7"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.70	21.70	R
JM	ENRGY 3.E® 25PSI 3.75"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.75	22.00	R
JM	ENRGY 3.E® 25PSI 3.8"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.80	22.30	R

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JM	ENRGY 3.E@ 25PSI 3.9"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.90	23.00	R
JM	ENRGY 3.E@ 25PSI 4"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.00	23.60	R
JM	ENRGY 3.E@ 25PSI 4.1"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.10	24.20	R
JM	ENRGY 3.E@ 25PSI 4.2"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.20	24.90	R
JM	ENRGY 3.E@ 25PSI 4.3"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.30	25.50	R
JM	ENRGY 3.E@ 25PSI 4.4"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.40	26.10	R
JM	ENRGY 3.E@ 25PSI 4.5"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.50	26.80	R
JM	Tapered ENRGY 3.E@ 25PSI 1A	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.5**	3.60	R
JM	Tapered ENRGY 3.E@ 25PSI 1B	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.75**	5.00	R
JM	Tapered ENRGY 3.E@ 25PSI 01	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1**	6.40	R
JM	Tapered ENRGY 3.E@ 25PSI 02	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.25**	7.80	R
JM	Tapered ENRGY 3.E@ 25PSI 03	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.5**	9.30	R
JM	Tapered ENRGY 3.E@ 25PSI 04	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.75**	10.70	R
JM	Tapered ENRGY 3.E@ 25PSI 05	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2**	12.10	R
JM	Tapered ENRGY 3.E@ 25PSI 06	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.25**	13.60	R
JM	Tapered ENRGY 3.E@ 25PSI AA	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.5**	4.30	R
JM	Tapered ENRGY 3.E@ 25PSI A	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1**	7.10	R
JM	Tapered ENRGY 3.E@ 25PSI B	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.5**	10.00	R
JM	Tapered ENRGY 3.E@ 25PSI C	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2**	12.90	R
JM	Tapered ENRGY 3.E@ 25PSI D	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.5**	15.90	R
JM	Tapered ENRGY 3.E@ 25PSI E	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3**	18.90	R
JM	Tapered ENRGY 3.E@ 25PSI F	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.5**	22.10	R
JM	Tapered ENRGY 3.E@ 25PSI G	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1**	8.60	R
JM	Tapered ENRGY 3.E@ 25PSI H	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2**	14.40	R
JM	Tapered ENRGY 3.E@ 25PSI J	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1**	7.80	R
JM	Tapered ENRGY 3.E@ 25PSI K	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.75**	12.10	R
JM	Tapered ENRGY 3.E@ 25PSI L	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.5**	16.60	R
JM	Tapered ENRGY 3.E@ 25PSI M	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.25**	21.20	R
JM	Tapered ENRGY 3.E@ 25PSI I	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3**	20.50	R
JM	Tapered ENRGY 3.E@ 25PSI X	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.5**	5.70	R
JM	Tapered ENRGY 3.E@ 25PSI Y	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.5**	11.40	R
JM	Tapered ENRGY 3.E@ 25PSI Z	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.5**	17.40	R
JM	Tapered ENRGY 3.E@ 25PSI ZZ	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.5**	23.60	R
JM	Tapered ENRGY 3.E@ 25PSI SS	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.5**	7.10	R
JM	Tapered ENRGY 3.E@ 25PSI TT	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2**	15.90	R
JM	Tapered ENRGY 3.E@ 25PSI Q	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.5**	8.60	R
JM	Tapered ENRGY 3.E@ 25PSI QQ	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.5**	20.50	R
JM	Tapered ENRGY 3.E@ 25PSI R	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.75**	5.70	R
JM	Tapered ENRGY 3.E@ 25PSI S	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.25**	8.60	R
JM	Tapered ENRGY 3.E@ 25PSI T	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.75**	11.40	R
JM	Tapered ENRGY 3.E@ 25PSI U	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.25**	14.40	R
JM	Tapered ENRGY 3.E@ 25PSI V	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.75**	17.40	R
JM	Tapered ENRGY 3.E@ 25PSI W	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.25**	20.50	R
JM	Tapered ENRGY 3.E@ 25PSI XX	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1**	11.40	R
JM	Tapered ENRGY 3.E@ 25PSI KK	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.25**	9.30	R
JM	Tapered ENRGY 3.E@ 25PSI JJ	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.5**	5.00	R
JM	Tapered ENRGY 3.E@ 25PSI FF	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4**	25.30	R
JM	Tapered ENRGY 3.E@ 25PSI LL	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2**	13.60	R
JM	Tapered ENRGY 3.E@ 25PSI MM	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.75**	18.20	R
JM	INVINSA	ISOCYANURATE	COMPOSITE	COATED FIBERGLASS	ROOF DECK	NO	NO	0.25	1.20	R
JM	INVINSA FR	ISOCYANURATE	COMPOSITE	COATED FIBERGLASS	ROOF DECK	NO	NO	0.25	1.20	R
JM	NAILBOARD 1.5"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	1.50	6.80	R
JM	NAILBOARD 1.75"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	1.75	8.38	R
JM	NAILBOARD 2"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	2.00	9.97	R
JM	NAILBOARD 2.25"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	2.25	11.55	R
JM	NAILBOARD 2.5"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	2.50	13.14	R
JM	NAILBOARD 2.75"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	2.75	14.72	R
JM	NAILBOARD 3"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	3.00	16.31	R
JM	NAILBOARD 3.25"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	3.25	17.89	R
JM	NAILBOARD 3.5"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	3.50	19.48	R

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JM	NAILBOARD 3.75"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	3.75	21.06	R
JM	NAILBOARD 4"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	4.00	22.65	R
JM	NAILBOARD 4.25"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	4.25	24.23	R
JM	NAILBOARD 4.5"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	4.50	25.82	R
JM	VENTED NAILBOARD 2.5"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	2.50	6.00	R
JM	VENTED NAILBOARD 2.75"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	2.75	7.50	R
JM	VENTED NAILBOARD 3"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	3.00	9.00	R
JM	VENTED NAILBOARD 3.25"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	3.25	10.50	R
JM	VENTED NAILBOARD 3.5"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	3.50	12.10	R
JM	VENTED NAILBOARD 3.75"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	3.75	13.70	R
JM	VENTED NAILBOARD 4"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	4.00	15.30	R
JM	VENTED NAILBOARD 4.25"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	4.25	16.90	R
JM	VENTED NAILBOARD 4.5"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	4.50	18.50	R
JM	VENTED NAILBOARD 4.75"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	4.75	20.10	R
JM	VENTED NAILBOARD 5"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	5.00	21.70	R
JM	VENTED NAILBOARD 5.25"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	5.25	23.40	R
JM	VENTED NAILBOARD 5.5"	ISOCYANURATE	COMPOSITE	STRAND BD	ROOF DECK	NO	NO	5.50	25.00	R
JM	Protector™ HD	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	0.50	2.50	R
JM	Protector™ HD FR	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	0.50	2.50	R
JM	R-Panel™ 1"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.00	5.70	R
JM	R-Panel™ 1.5"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.50	8.60	R
JM	R-Panel™ 1.7"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.70	9.70	R
JM	R-Panel™ 2"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.00	11.40	R
JM	R-Panel™ 2.3"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.30	13.20	R
JM	R-Panel™ 2.5"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.50	14.40	R
JM	R-Panel™ 3"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.00	17.40	R
JM	R-Panel™ 3.3"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.30	19.20	R
JM	R-Panel™ 4"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.00	23.60	R
JM	SeparatoR™ 0.5"	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.50	2.90	R
JM	SeparatoR™ CGF	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	0.50	2.90	R
JM	SeparatoR™ FR	ISOCYANURATE	FACED SINGLE MATERIAL	COATED FIBERGLASS	ROOF DECK	NO	NO	0.50	2.90	R
JM	XSPECT® ISOFOAM APF BOARD	ISOCYANURATE	FACED SINGLE MTL	METAL FOIL	EQUIP/DUCT	NO	YES	1.00	6.00	R
JM	XSPECT® ISOFOAM APF BOARD	ISOCYANURATE	FACED SINGLE MTL	METAL FOIL	EQUIP/DUCT	NO	YES	1.50	9.30	R
JM	XSPECT® ISOFOAM APF BOARD	ISOCYANURATE	FACED SINGLE MTL	METAL FOIL	EQUIP/DUCT	NO	YES	2.00	13.00	R
JM	XSPECT® ISOFOAM APF BOARD	ISOCYANURATE	FACED SINGLE MTL	METAL FOIL	EQUIP/DUCT	NO	YES	2.50	16.00	R
JM	XSPECT® ISOFOAM APF BOARD	ISOCYANURATE	FACED SINGLE MTL	METAL FOIL	EQUIP/DUCT	NO	YES	3.00	19.00	R
JM	XSPECT® ISOFOAM APF BOARD	ISOCYANURATE	FACED SINGLE MTL	METAL FOIL	EQUIP/DUCT	NO	YES	3.50	22.00	R
JM	XSPECT® ISOFOAM APF BOARD	ISOCYANURATE	FACED SINGLE MTL	METAL FOIL	EQUIP/DUCT	NO	YES	4.00	26.00	R

**Minimum Thickness

* DESCRIPTION OF BRAND CODES:

JM = JOHNS MANVILLE

Kingspan Insulation LLC - T 1538						Updated 08/24/2022				
ISO	ISO-C1/2.0	ISOCYANURATE	SINGLE MATERIAL	NONE	WALL	NO	NO	2.00	11.30	R
ISO	ISO-C1/2.0	ISOCYANURATE	SINGLE MATERIAL	NONE	WALL	NO	NO	3.00	17.00	R

* DESCRIPTION OF BRAND CODES:

ISO= ISO-C1

Polyglass USA - T 1529						Updated 06/03/2019				
PLT	POLYTHERM	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FIBER FELT	ROOF DECK	NO	NO	1.00	5.70	R
PLT	POLYTHERM	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FIBER FELT	ROOF DECK	NO	NO	1.50	8.60	R
PLT	POLYTHERM	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FIBER FELT	ROOF DECK	NO	NO	2.00	11.40	R
PLT	POLYTHERM	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FIBER FELT	ROOF DECK	NO	NO	2.50	14.40	R
PLT	POLYTHERM	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FIBER FELT	ROOF DECK	NO	NO	3.00	17.40	R
PLT	POLYTHERM	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FIBER FELT	ROOF DECK	NO	NO	3.50	20.50	R
PLT	POLYTHERM	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FIBER FELT	ROOF DECK	NO	NO	4.00	23.60	R
PTG	POLYTHERM G	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	1.00	5.70	R
PTG	POLYTHERM G	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	1.50	8.60	R

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BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
PTG	POLYTHERM G	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	2.00	11.40	R
PTG	POLYTHERM G	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	2.50	14.40	R
PTG	POLYTHERM G	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	3.00	17.40	R
PTG	POLYTHERM G	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	3.50	20.50	R
PTG	POLYTHERM G	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	4.00	23.60	R
PTH	POLYTHERM-H	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.00	5.60	R
PTH	POLYTHERM-H	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.50	8.60	R
PTH	POLYTHERM-H	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.00	11.40	R
PTH	POLYTHERM-H	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.50	14.40	R
PTH	POLYTHERM-H	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.00	17.40	R
PTH	POLYTHERM-H	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.50	20.50	R
PTH	POLYTHERM-H	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.00	23.60	R

* DESCRIPTION OF BRAND CODES:

PLT = POLYTHERM

PTG = POLYTHERM G

PTH = POLYTHERM-H

RMAX - T 1523					Updated 11/12/2025					
AB	ECOMAXCI FR AB	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	2.00	13.10	R
AB	ECOMAXCI FR AB	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	2.50	16.70	R
AB	ECOMAXCI FR AB	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	3.00	20.30	R
AB	ECOMAXCI FR AB	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	3.50	23.90	R
AB	ECOMAXCI FR AB	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	4.00	27.40	R
AB	ECOMAXCI FR AB	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	4.50	31.00	R
CCG	CONCRETE CORE CG	ISOCYANURATE	FACED SINGLE MATERIAL	FIB GLS	CLG WALL FLR	NO	NO	0.50	3.00	R
CCG	CONCRETE CORE CG	ISOCYANURATE	FACED SINGLE MATERIAL	FIB GLS	CLG WALL FLR	NO	NO	1.00	6.00	R
CCG	CONCRETE CORE CG	ISOCYANURATE	FACED SINGLE MATERIAL	FIB GLS	CLG WALL FLR	NO	NO	1.50	9.00	R
CCG	CONCRETE CORE CG	ISOCYANURATE	FACED SINGLE MATERIAL	FIB GLS	CLG WALL FLR	NO	NO	2.00	12.10	R
CCG	CONCRETE CORE CG	ISOCYANURATE	FACED SINGLE MATERIAL	FIB GLS	CLG WALL FLR	NO	NO	2.50	15.30	R
CCG	CONCRETE CORE CG	ISOCYANURATE	FACED SINGLE MATERIAL	FIB GLS	CLG WALL FLR	NO	NO	3.00	18.50	R
CCG	CONCRETE CORE CG	ISOCYANURATE	FACED SINGLE MATERIAL	FIB GLS	CLG WALL FLR	NO	NO	3.50	21.70	R
CCG	CONCRETE CORE CG	ISOCYANURATE	FACED SINGLE MATERIAL	FIB GLS	CLG WALL FLR	NO	NO	4.00	25.00	R
CCG	CONCRETE CORE CG	ISOCYANURATE	FACED SINGLE MATERIAL	FIB GLS	CLG WALL FLR	NO	NO	4.50	28.30	R
DS	DURASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	FIB GLS	CLG WALL FLR	NO	NO	0.50	3.00	R
DS	DURASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	FIB GLS	CLG WALL FLR	NO	NO	0.63	3.80	R
DS	DURASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	FIB GLS	CLG WALL FLR	NO	NO	0.75	4.50	R
DS	DURASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	FIB GLS	CLG WALL FLR	NO	NO	1.00	6.00	R
DS	DURASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	FIB GLS	CLG WALL FLR	NO	NO	1.50	9.00	R
DS	DURASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	FIB GLS	CLG WALL FLR	NO	NO	2.00	12.10	R
DS	DURASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	FIB GLS	CLG WALL FLR	NO	NO	2.50	15.30	R
DS	DURASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	FIB GLS	CLG WALL FLR	NO	NO	3.00	18.50	R
DS	DURASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	FIB GLS	CLG WALL FLR	NO	NO	3.50	21.70	R
DS	DURASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	FIB GLS	CLG WALL FLR	NO	NO	4.00	25.00	R
DS	DURASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	FIB GLS	CLG WALL FLR	NO	NO	4.50	28.30	R
ECI	ECOMAXCI	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	2.00	13.10	R
ECI	ECOMAXCI	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	2.50	16.70	R
ECI	ECOMAXCI	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	3.00	20.30	R
ECI	ECOMAXCI	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	3.50	23.90	R
ECI	ECOMAXCI	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	4.00	27.40	R
ECI	ECOMAXCI	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	4.50	31.00	R
ECP	ECOMAXCI PLY***	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	1.38	5.20	R
ECP	ECOMAXCI PLY***	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	1.63	6.70	R
ECP	ECOMAXCI PLY***	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	2.13	9.80	R
ECP	ECOMAXCI PLY***	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	3.13	16.00	R
ECP	ECOMAXCI PLY***	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	3.63	19.20	R
ECP	ECOMAXCI PLY***	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	4.13	22.50	R
ECP	ECOMAXCI PLY***	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	4.63	25.70	R
ECP	ECOMAXCI PLY***	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	5.13	29.00	R
ECP	ECOMAXCI PLY****	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	1.50	5.40	R

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Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
ECP	ECOMAXCI PLY****	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	1.75	6.90	R
ECP	ECOMAXCI PLY****	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	2.15	9.30	R
ECP	ECOMAXCI PLY****	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	3.25	16.20	R
ECP	ECOMAXCI PLY****	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	3.75	19.40	R
ECP	ECOMAXCI PLY****	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	4.25	22.70	R
ECP	ECOMAXCI PLY****	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	4.75	25.90	R
ECP	ECOMAXCI PLY****	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	5.25	29.20	R
EVO	EVOMAXCI	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	2.00	13.10	R
EVO	EVOMAXCI	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	2.50	16.70	R
EVO	EVOMAXCI	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	3.00	20.30	R
EVO	EVOMAXCI	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	3.50	23.90	R
EVO	EVOMAXCI	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	4.00	27.40	R
EVO	EVOMAXCI	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	4.50	31.00	R
FR	ECOMAXCI FR	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.75	5.00	R
FR	ECOMAXCI FR	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.00	6.00	R
FR	ECOMAXCI FR	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.25	7.80	R
FR	ECOMAXCI FR	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.50	9.60	R
FR	ECOMAXCI FR	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.75	11.40	R
FR	ECOMAXCI FR	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.00	13.10	R
FR	ECOMAXCI FR	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.25	14.90	R
FR	ECOMAXCI FR	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.50	16.70	R
FR	ECOMAXCI FR	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.00	20.30	R
FR	ECOMAXCI FR	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.25	22.10	R
FR	ECOMAXCI FR	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.50	23.90	R
FR	ECOMAXCI FR	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.75	25.70	R
FR	ECOMAXCI FR	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	4.00	27.40	R
FR	ECOMAXCI FR	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	4.50	31.00	R
FRP	ECOMAXCI FR PLY***	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	1.38	5.70	R
FRP	ECOMAXCI FR PLY***	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	1.63	6.70	R
FRP	ECOMAXCI FR PLY***	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	2.13	10.30	R
FRP	ECOMAXCI FR PLY***	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	3.13	17.40	R
FRP	ECOMAXCI FR PLY***	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	3.63	21.00	R
FRP	ECOMAXCI FR PLY***	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	4.13	24.60	R
FRP	ECOMAXCI FR PLY***	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	4.63	28.10	R
FRP	ECOMAXCI FR PLY***	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	5.13	31.70	R
FRP	ECOMAXCI FR PLY****	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	1.50	5.90	R
FRP	ECOMAXCI FR PLY****	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	1.75	6.90	R
FRP	ECOMAXCI FR PLY****	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	2.25	10.50	R
FRP	ECOMAXCI FR PLY****	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	3.25	17.60	R
FRP	ECOMAXCI FR PLY****	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	3.75	21.20	R
FRP	ECOMAXCI FR PLY****	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	4.25	24.80	R
FRP	ECOMAXCI FR PLY****	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	4.75	28.30	R
FRP	ECOMAXCI FR PLY****	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	5.25	31.90	R
FRW	ECOMAXCI FR WHITE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.00	6.00	R
FRW	ECOMAXCI FR WHITE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.25	7.80	R
FRW	ECOMAXCI FR WHITE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.50	9.60	R
FRW	ECOMAXCI FR WHITE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.75	11.40	R
FRW	ECOMAXCI FR WHITE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.00	13.10	R
FRW	ECOMAXCI FR WHITE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.50	16.70	R
FRW	ECOMAXCI FR WHITE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.00	20.30	R
FRW	ECOMAXCI FR WHITE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.50	23.90	R
FRW	ECOMAXCI FR WHITE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	4.00	27.40	R
FRW	ECOMAXCI FR WHITE	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	4.50	31.00	R
MFA	MULTI-MAX FA-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.50	8.60	R
MFA	MULTI-MAX FA-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.60	9.10	R
MFA	MULTI-MAX FA-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.80	10.30	R
MFA	MULTI-MAX FA-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.00	11.40	R
MFA	MULTI-MAX FA-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.10	12.00	R
MFA	MULTI-MAX FA-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.30	13.20	R

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BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
MFA	MULTI-MAX FA-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.50	14.40	R
MFA	MULTI-MAX FA-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.60	15.00	R
MFA	MULTI-MAX FA-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.70	15.60	R
MFA	MULTI-MAX FA-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.00	17.40	R
MFA	MULTI-MAX FA-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.30	19.20	R
MFA	MULTI-MAX FA-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.50	20.50	R
MFA	MULTI-MAX FA-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.00	23.60	R
MFA	MULTI-MAX FA-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.50	26.80	R
MHD	MULTI-MAX HD	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.50	8.60	R
MHD	MULTI-MAX HD	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.60	9.10	R
MHD	MULTI-MAX HD	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.80	10.30	R
MHD	MULTI-MAX HD	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.00	11.40	R
MHD	MULTI-MAX HD	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.10	12.00	R
MHD	MULTI-MAX HD	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.30	13.20	R
MHD	MULTI-MAX HD	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.50	14.40	R
MHD	MULTI-MAX HD	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.60	15.00	R
MHD	MULTI-MAX HD	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.70	15.60	R
MHD	MULTI-MAX HD	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.00	17.40	R
MHD	MULTI-MAX HD	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.30	19.20	R
MHD	MULTI-MAX HD	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.50	20.50	R
MHD	MULTI-MAX HD	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.00	23.60	R
MHD	MULTI-MAX HD	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.50	26.80	R
MM	MULTI-MAX-3	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.10	12.00	R
MM	MULTI-MAX-3	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.30	13.20	R
MM	MULTI-MAX-3	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.50	14.40	R
MM	MULTI-MAX-3	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.60	15.00	R
MM	MULTI-MAX-3	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.70	15.60	R
MM	MULTI-MAX-3	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	3.00	17.40	R
MM	MULTI-MAX-3	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	3.30	19.20	R
MM	MULTI-MAX-3	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	3.50	20.50	R
MM	MULTI-MAX-3	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	4.00	23.60	R
NB3	NAILABLE BASE-3	ISOCYANURATE	COMPOSITE	OTHER	ROOF DECK	NO	NO	1.50	6.30	R
NB3	NAILABLE BASE-3	ISOCYANURATE	COMPOSITE	OTHER	ROOF DECK	NO	NO	2.10	9.70	R
NB3	NAILABLE BASE-3	ISOCYANURATE	COMPOSITE	OTHER	ROOF DECK	NO	NO	2.50	12.00	R
NB3	NAILABLE BASE-3	ISOCYANURATE	COMPOSITE	OTHER	ROOF DECK	NO	NO	2.70	13.20	R
NB3	NAILABLE BASE-3	ISOCYANURATE	COMPOSITE	OTHER	ROOF DECK	NO	NO	3.00	15.00	R
NB3	NAILABLE BASE-3	ISOCYANURATE	COMPOSITE	OTHER	ROOF DECK	NO	NO	3.30	16.80	R
NB3	NAILABLE BASE-3	ISOCYANURATE	COMPOSITE	OTHER	ROOF DECK	NO	NO	3.50	18.00	R
NB3	NAILABLE BASE-3	ISOCYANURATE	COMPOSITE	OTHER	ROOF DECK	NO	NO	3.80	19.80	R
NB3	NAILABLE BASE-3	ISOCYANURATE	COMPOSITE	OTHER	ROOF DECK	NO	NO	4.00	21.10	R
NB3	NAILABLE BASE-3	ISOCYANURATE	COMPOSITE	OTHER	ROOF DECK	NO	NO	4.50	24.20	R
NB3	NAILABLE BASE-3	ISOCYANURATE	COMPOSITE	OTHER	ROOF DECK	NO	NO	5.00	27.40	R
RB3	RE-COVER BOARD-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.75	4.30	R
RB3	RE-COVER BOARD-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.00	5.70	R
RB3	RE-COVER BOARD-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.20	6.80	R
RB3	RE-COVER BOARD-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.40	8.00	R
RBG	RMAX BELOW GRADE	ISOCYANURATE	FACED SINGLE MATERIAL	PLASTIC FILM	CLG WALL FLR	NO	YES	0.75	5.00	R
RBG	RMAX BELOW GRADE	ISOCYANURATE	FACED SINGLE MATERIAL	PLASTIC FILM	CLG WALL FLR	NO	YES	1.00	6.00	R
RBG	RMAX BELOW GRADE	ISOCYANURATE	FACED SINGLE MATERIAL	PLASTIC FILM	CLG WALL FLR	NO	YES	1.50	10.00	R
RBG	RMAX BELOW GRADE	ISOCYANURATE	FACED SINGLE MATERIAL	PLASTIC FILM	CLG WALL FLR	NO	YES	2.00	13.10	R
RBG	RMAX BELOW GRADE	ISOCYANURATE	FACED SINGLE MATERIAL	PLASTIC FILM	CLG WALL FLR	NO	YES	2.30	15.00	R
RBG	RMAX BELOW GRADE	ISOCYANURATE	FACED SINGLE MATERIAL	PLASTIC FILM	CLG WALL FLR	NO	YES	2.50	16.70	R
RBG	RMAX BELOW GRADE	ISOCYANURATE	FACED SINGLE MATERIAL	PLASTIC FILM	CLG WALL FLR	NO	YES	3.00	20.30	R
RMP	R MATTE PLUS-3	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	0.50	3.20	R
RMP	R MATTE PLUS-3	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	0.63	4.00	R
RMP	R MATTE PLUS-3	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	0.75	5.00	R
RMP	R MATTE PLUS-3	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	1.00	6.00	R

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RMP	R MATTE PLUS-3	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	1.50	9.60	R
RMP	R MATTE PLUS-3	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	2.00	13.10	R
RMP	R MATTE PLUS-3	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	2.50	16.70	R
RMP	R MATTE PLUS-3	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	3.00	20.30	R
RMP	R MATTE PLUS-3	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	3.50	23.90	R
RMP	R MATTE PLUS-3	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	4.00	27.40	R
RMP	R MATTE PLUS-3	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	WALL	NO	YES	4.50	31.00	R
SCG	SARNATHERM R CG	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	1.50	8.60	R
SCG	SARNATHERM R CG	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.00	11.40	R
SCG	SARNATHERM R CG	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.50	14.40	R
SCG	SARNATHERM R CG	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	3.00	17.40	R
SCG	SARNATHERM R CG	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	3.50	20.50	R
SCG	SARNATHERM R CG	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	4.00	23.60	R
SCG	SARNATHERM R CG	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	4.50	26.80	R
SS	SARNATHERM R	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.50	8.60	R
SS	SARNATHERM R	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.60	9.10	R
SS	SARNATHERM R	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.80	10.30	R
SS	SARNATHERM R	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.00	11.40	R
SS	SARNATHERM R	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.10	12.00	R
SS	SARNATHERM R	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.30	13.20	R
SS	SARNATHERM R	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.50	14.40	R
SS	SARNATHERM R	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.60	15.00	R
SS	SARNATHERM R	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.70	15.60	R
SS	SARNATHERM R	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.00	17.40	R
SS	SARNATHERM R	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.30	19.20	R
SS	SARNATHERM R	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.50	20.50	R
SS	SARNATHERM R	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.00	23.60	R
SS	SARNATHERM R	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.50	26.80	R
TBD	THERMABASE-CI DS	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	NO	1.00	3.60	R
TBD	THERMABASE-CI DS	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	NO	1.25	5.10	R
TBD	THERMABASE-CI DS	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	NO	1.50	6.60	R
TBD	THERMABASE-CI DS	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	NO	2.00	9.60	R
TBD	THERMABASE-CI DS	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	NO	2.50	12.70	R
TBD	THERMABASE-CI DS	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	NO	3.00	15.90	R
TBD	THERMABASE-CI DS	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	NO	3.50	19.10	R
TBD	THERMABASE-CI DS	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	NO	4.00	22.30	R
TBD	THERMABASE-CI DS	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	NO	4.50	25.60	R
TBD	THERMABASE-CI DS	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	NO	5.00	28.90	R
TBT	THERMABASE-CI TS	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	NO	1.00	3.80	R
TBT	THERMABASE-CI TS	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	NO	1.25	5.30	R
TBT	THERMABASE-CI TS	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	NO	1.50	6.60	R
TBT	THERMABASE-CI TS	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	NO	2.00	10.20	R
TBT	THERMABASE-CI TS	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	NO	2.50	13.70	R
TBT	THERMABASE-CI TS	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	NO	3.00	17.30	R
TBT	THERMABASE-CI TS	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	NO	3.50	20.90	R
TBT	THERMABASE-CI TS	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	NO	4.00	24.50	R
TBT	THERMABASE-CI TS	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	NO	4.50	28.00	R
TBT	THERMABASE-CI TS	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	NO	5.00	31.60	R
TRP	THERMAROOF PLUS-3	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	ROOF DECK	NO	YES	1.00	6.00	R
TRP	THERMAROOF PLUS-3	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	ROOF DECK	NO	YES	1.50	9.60	R
TRP	THERMAROOF PLUS-3	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	ROOF DECK	NO	YES	2.00	13.10	R
TRP	THERMAROOF PLUS-3	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	ROOF DECK	NO	YES	2.25	16.70	R
TRP	THERMAROOF PLUS-3	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	ROOF DECK	NO	YES	3.00	20.30	R
TRP	THERMAROOF PLUS-3	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	ROOF DECK	NO	YES	3.50	23.90	R
TRP	THERMAROOF PLUS-3	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	ROOF DECK	NO	YES	4.00	27.40	R
TRP	THERMAROOF PLUS-3	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	ROOF DECK	NO	YES	4.50	31.00	R
TS	THERMASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES**	0.50	3.20	R
TS	THERMASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES**	0.75	5.00	R
TS	THERMASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES**	1.00	6.00	R
TS	THERMASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES**	1.25	7.80	R

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TS	THERMASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES**	1.50	9.60	R
TS	THERMASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES**	1.75	11.40	R
TS	THERMASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES**	2.00	13.10	R
TS	THERMASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES**	2.25	14.90	R
TS	THERMASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES**	2.50	16.70	R
TS	THERMASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES**	3.00	20.30	R
TS	THERMASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES**	3.25	22.10	R
TS	THERMASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES**	3.50	23.90	R
TS	THERMASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES**	3.75	25.70	R
TS	THERMASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES**	4.00	27.40	R
TS	THERMASHEATH	ISOCYANURATE	FACED SINGLE MATERIAL	METAL	CLG WALL FLR	NO	YES**	4.50	31.00	R
TSC	SARNATHERM R CG TAPERED	ISOCYANURATE	FACED SINGLE MATERIAL	OTHER	ROOF DECK	NO	NO	0.75	4.30	R
TSC	SARNATHERM R CG TAPERED	ISOCYANURATE	FACED SINGLE MATERIAL	OTHER	ROOF DECK	NO	NO	1.00	5.70	R
TSC	SARNATHERM R CG TAPERED	ISOCYANURATE	FACED SINGLE MATERIAL	OTHER	ROOF DECK	NO	NO	1.50	8.60	R
TSC	SARNATHERM R CG TAPERED	ISOCYANURATE	FACED SINGLE MATERIAL	OTHER	ROOF DECK	NO	NO	2.00	11.40	R
TSC	SARNATHERM R CG TAPERED	ISOCYANURATE	FACED SINGLE MATERIAL	OTHER	ROOF DECK	NO	NO	2.50	14.40	R
TSC	SARNATHERM R CG TAPERED	ISOCYANURATE	FACED SINGLE MATERIAL	OTHER	ROOF DECK	NO	NO	3.00	17.40	R
TSC	SARNATHERM R CG TAPERED	ISOCYANURATE	FACED SINGLE MATERIAL	OTHER	ROOF DECK	NO	NO	3.50	20.50	R
TSC	SARNATHERM R CG TAPERED	ISOCYANURATE	FACED SINGLE MATERIAL	OTHER	ROOF DECK	NO	NO	4.00	23.60	R
TSC	SARNATHERM R CG TAPERED	ISOCYANURATE	FACED SINGLE MATERIAL	OTHER	ROOF DECK	NO	NO	4.25	25.20	R
TSI	THERMASHEATH-SI	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	0.50	3.20	R
TSI	THERMASHEATH-SI	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	0.75	5.00	R
TSI	THERMASHEATH-SI	ISOCYANURATE	COMPOSITE	OTHER	WALL	NO	YES	1.00	6.00	R
TSR	TS-RDECK	ISOCYANURATE	COMPOSITE	OTHER	ROOF DECK	YES	YES	1.00	3.80	R
TSR	TS-RDECK	ISOCYANURATE	COMPOSITE	OTHER	ROOF DECK	YES	YES	1.50	6.60	R
TSR	TS-RDECK	ISOCYANURATE	COMPOSITE	OTHER	ROOF DECK	YES	YES	2.00	10.20	R
TSR	TS-RDECK	ISOCYANURATE	COMPOSITE	OTHER	ROOF DECK	YES	YES	2.50	13.70	R
TSR	TS-RDECK	ISOCYANURATE	COMPOSITE	OTHER	ROOF DECK	YES	YES	3.00	17.30	R
TSR	TS-RDECK	ISOCYANURATE	COMPOSITE	OTHER	ROOF DECK	YES	YES	3.50	20.90	R
TSR	TS-RDECK	ISOCYANURATE	COMPOSITE	OTHER	ROOF DECK	YES	YES	4.00	24.50	R
TSR	TS-RDECK	ISOCYANURATE	COMPOSITE	OTHER	ROOF DECK	YES	YES	4.50	28.00	R
TSS	SARNATHERM R TAPERED	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.75	4.30	R
TSS	SARNATHERM R TAPERED	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.00	5.70	R
TSS	SARNATHERM R TAPERED	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.25	7.10	R
TSS	SARNATHERM R TAPERED	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.50	8.60	R
TSS	SARNATHERM R TAPERED	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.75	10.00	R
TSS	SARNATHERM R TAPERED	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.00	11.40	R
TSS	SARNATHERM R TAPERED	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.25	12.90	R
TSS	SARNATHERM R TAPERED	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.50	14.40	R
TSS	SARNATHERM R TAPERED	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.75	15.90	R
TSS	SARNATHERM R TAPERED	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.00	17.40	R
TSS	SARNATHERM R TAPERED	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.25	18.90	R
TSS	SARNATHERM R TAPERED	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.50	20.50	R
TSS	SARNATHERM R TAPERED	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.75	22.10	R
TSS	SARNATHERM R TAPERED	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.00	23.60	R
TSS	SARNATHERM R TAPERED	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.25	25.20	R
TTR	TAPERED THERMAROOF-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	0.75	4.30	R
TTR	TAPERED THERMAROOF-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.00	5.70	R
TTR	TAPERED THERMAROOF-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.25	7.10	R
TTR	TAPERED THERMAROOF-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.50	8.60	R
TTR	TAPERED THERMAROOF-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	1.75	10.00	R
TTR	TAPERED THERMAROOF-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.00	11.40	R
TTR	TAPERED THERMAROOF-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.25	12.90	R
TTR	TAPERED THERMAROOF-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.50	14.40	R
TTR	TAPERED THERMAROOF-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	2.75	15.90	R
TTR	TAPERED THERMAROOF-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.00	17.40	R
TTR	TAPERED THERMAROOF-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.25	18.90	R
TTR	TAPERED THERMAROOF-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.50	20.50	R
TTR	TAPERED THERMAROOF-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	3.75	22.10	R
TTR	TAPERED THERMAROOF-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.00	23.60	R

BHGS - THERMAL INSULATION DIRECTORY
BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
TTR	TAPERED THERMAROOF-3	ISOCYANURATE	FACED SINGLE MATERIAL	PAPER	ROOF DECK	NO	NO	4.25	25.20	R
TUF	TAPERED ULT-MAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	0.75	4.30	R
TUF	TAPERED ULT-MAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	1.00	5.70	R
TUF	TAPERED ULT-MAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	1.25	7.10	R
TUF	TAPERED ULT-MAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	1.50	8.60	R
TUF	TAPERED ULT-MAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	1.75	10.00	R
TUF	TAPERED ULT-MAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.00	11.40	R
TUF	TAPERED ULT-MAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.25	12.90	R
TUF	TAPERED ULT-MAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.50	14.40	R
TUF	TAPERED ULT-MAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.75	15.90	R
TUF	TAPERED ULT-MAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	3.25	18.90	R
TUF	TAPERED ULT-MAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	3.50	20.50	R
TUF	TAPERED ULT-MAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	3.75	22.10	R
TUF	TAPERED ULT-MAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	4.00	23.60	R
TUF	TAPERED ULT-MAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	4.25	25.20	R
TUM	TAPERED ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	0.75	4.30	R
TUM	TAPERED ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	1.00	5.70	R
TUM	TAPERED ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	1.25	7.10	R
TUM	TAPERED ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	1.50	8.60	R
TUM	TAPERED ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	1.75	10.00	R
TUM	TAPERED ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.00	11.40	R
TUM	TAPERED ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.25	12.90	R
TUM	TAPERED ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.50	14.40	R
TUM	TAPERED ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.75	15.90	R
TUM	TAPERED ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	3.00	17.40	R
TUM	TAPERED ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	3.25	18.90	R
TUM	TAPERED ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	3.50	20.50	R
TUM	TAPERED ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	3.75	22.10	R
TUM	TAPERED ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	4.00	23.60	R
TUM	TAPERED ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	4.25	25.20	R
UHD	ULTRAMAX-HD	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	0.50	2.50	R
UM	ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	1.50	8.60	R
UM	ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	1.60	9.10	R
UM	ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	1.80	10.30	R
UM	ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.00	11.40	R
UM	ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.10	12.00	R
UM	ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.30	13.20	R
UM	ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.50	14.40	R
UM	ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.60	15.00	R
UM	ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.70	15.60	R
UM	ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	3.00	17.40	R
UM	ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	3.30	19.20	R
UM	ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	3.50	20.50	R
UM	ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	4.00	23.60	R
UM	ULTRAMAX	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	4.50	26.80	R
UMF	ULTRAMAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	1.50	8.60	R
UMF	ULTRAMAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	1.60	9.10	R
UMF	ULTRAMAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	1.80	10.30	R
UMF	ULTRAMAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.00	11.40	R
UMF	ULTRAMAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.10	12.00	R
UMF	ULTRAMAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.30	13.20	R
UMF	ULTRAMAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.50	14.40	R
UMF	ULTRAMAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.60	15.00	R
UMF	ULTRAMAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.70	15.60	R
UMF	ULTRAMAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	3.00	17.40	R
UMF	ULTRAMAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	3.30	19.20	R
UMF	ULTRAMAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	3.50	20.50	R
UMF	ULTRAMAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	4.00	23.60	R
UMF	ULTRAMAX FR	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	4.50	26.80	R
UMP	ULTRAMAX PLUS	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	1.50	8.60	R

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BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
UMP	ULTRAMAX PLUS	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.00	11.40	R
UMP	ULTRAMAX PLUS	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.50	14.40	R
UMP	ULTRAMAX PLUS	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	3.00	17.40	R
UMP	ULTRAMAX PLUS	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	3.50	20.50	R
UMP	ULTRAMAX PLUS	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	4.00	23.60	R
UMP	ULTRAMAX PLUS	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	4.50	26.80	R
UPT	ULTRAMAX PLUS TAP	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	0.75	4.30	R
UPT	ULTRAMAX PLUS TAP	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	1.00	5.70	R
UPT	ULTRAMAX PLUS TAP	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	1.50	8.60	R
UPT	ULTRAMAX PLUS TAP	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.00	11.40	R
UPT	ULTRAMAX PLUS TAP	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	2.50	14.40	R
UPT	ULTRAMAX PLUS TAP	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	3.00	17.40	R
UPT	ULTRAMAX PLUS TAP	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	3.50	20.50	R
UPT	ULTRAMAX PLUS TAP	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	4.00	23.60	R
UPT	ULTRAMAX PLUS TAP	ISOCYANURATE	FACED SINGLE MATERIAL	FBR GLS	ROOF DECK	NO	NO	4.25	25.20	R
X00	TSX 8500	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.75	5.00	R
X00	TSX 8500	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.00	6.00	R
X00	TSX 8500	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.25	7.80	R
X00	TSX 8500	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.50	9.60	R
X00	TSX 8500	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.75	11.40	R
X00	TSX 8500	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.00	13.10	R
X00	TSX 8500	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.25	14.90	R
X00	TSX 8500	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.50	16.70	R
X00	TSX 8500	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.00	20.30	R
X00	TSX 8500	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.25	22.10	R
X00	TSX 8500	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.50	23.90	R
X00	TSX 8500	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.75	25.70	R
X00	TSX 8500	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	4.00	27.40	R
X00	TSX 8500	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	4.50	31.00	R
X10	TSX-8510	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.00	6.00	R
X10	TSX-8510	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.25	7.80	R
X10	TSX-8510	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.50	9.60	R
X10	TSX-8510	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.75	11.40	R
X10	TSX-8510	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.00	13.10	R
X10	TSX-8510	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.50	16.70	R
X10	TSX-8510	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.00	20.30	R
X10	TSX-8510	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.50	23.90	R
X10	TSX-8510	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	4.00	27.40	R
X10	TSX-8510	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	4.50	31.00	R
X20	TSX-8520	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	0.75	5.00	R
X20	TSX-8520	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.00	6.00	R
X20	TSX-8520	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.25	7.80	R
X20	TSX-8520	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.50	9.60	R
X20	TSX-8520	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	1.75	11.40	R
X20	TSX-8520	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.00	13.10	R
X20	TSX-8520	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.25	14.90	R
X20	TSX-8520	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	2.50	16.70	R
X20	TSX-8520	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.00	20.30	R
X20	TSX-8520	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.25	22.10	R
X20	TSX-8520	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.50	23.90	R
X20	TSX-8520	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	3.75	25.70	R
X20	TSX-8520	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	4.00	27.40	R
X20	TSX-8520	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	CLG WALL FLR	YES	YES	4.50	31.00	R

** WITH TAPED JOINTS

*** WITH 5/8-IN FRTP

*** WITH 3/4-IN FRTP

* DESCRIPTION OF BRAND CODES:

AB = ECOMAXCI FR AB

CCG = CONCRETE CORE-CGF

DS = DURASHEATH

MHD = MULTI-MAX HD

MM = MULTI-MAX-3

NB3 = NAILABLE BASE-3

TRP = THERMAROOF PLUS-3

TS = THERMASHEATH

TSC = SARNATHERM R CG TAPERED

UM = ULTRAMAX

UMF = ULTRAMAX FR

UMP = ULTRAMAX PLUS

NOTE: PRODUCTS ARE AVAILABLE IN ADDITIONAL THICKNESSES. THE RANGE IS REPORTED IN INCREMENTS FOR EASE OF USE

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BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
	ECI = ECOMAXCI ECP = ECOMAXCI PLY EVO = EVOMAXCI FR = ECOMAXCI FR FRP = ECOMAXCI FR PLY FRW = ECOMAXCI FR WHITE MFA = MULTI-MAX FA-3	RB3 = RE-COVER BOARD-3 RBG = RMAX BELOW GRADE RMP = R MATTE PLUS-3 SCG = SARNATHERM R CG SS = SARNATHERM R TBD = THERMABASE-CI DS TBT = THERMABASE-CI TS	TSI = THERMASHEATH-SI TSR = THERMASHEATH-RDECK TSS = SARNATHERM R TAPERED TTR = TAPERED THERMAROOF-3 TUF = TAPERED ULT-MAX FR TUM = TAPERED ULTRAMAX UHD = ULTRAMAX-HD		UPT = ULTRAMAX PLUS TAP X00 = TSX 8500 X10 = TSX-8510 X20 = TSX-8520					

Versico Inc. - T 1419						Updated 09/08/2025				
VCG	SECURSHIELD POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	1.00	5.70	R
VCG	SECURSHIELD POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	1.50	8.60	R
VCG	SECURSHIELD POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	2.00	11.40	R
VCG	SECURSHIELD POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	2.50	14.40	R
VCG	SECURSHIELD POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	2.70	15.60	R
VCG	SECURSHIELD POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	3.00	17.40	R
VCG	SECURSHIELD POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	4.00	23.60	R
VHC	SECURSHIELD HD COMPOSITE POLYISO	ISOCYANURATE	COMPOSITE	COATED GLASS FELT	ROOF DECK	NO	NO	2.00	11.10	R
VHC	SECURSHIELD HD COMPOSITE POLYISO	ISOCYANURATE	COMPOSITE	COATED GLASS FELT	ROOF DECK	NO	NO	2.50	13.90	R
VHC	SECURSHIELD HD COMPOSITE POLYISO	ISOCYANURATE	COMPOSITE	COATED GLASS FELT	ROOF DECK	NO	NO	3.00	16.90	R
VHC	SECURSHIELD HD COMPOSITE POLYISO	ISOCYANURATE	COMPOSITE	COATED GLASS FELT	ROOF DECK	NO	NO	4.00	23.00	R
VHD	SECURSHIELD HD POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	0.50	2.50	R
VHDL	SECURSHIELD HD RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	FED GLASS FELT WITH VEI	ROOF DECK	NO	NO	0.50	2.50	R
VHP	VERSICORE HD POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	0.50	2.50	R
VIRL	VERSICORE RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	3LASS FELT WITH VELCRC	ROOF DECK	NO	NO	1.00	5.70	R
VIRL	VERSICORE RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	3LASS FELT WITH VELCRC	ROOF DECK	NO	NO	1.50	8.60	R
VIRL	VERSICORE RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	3LASS FELT WITH VELCRC	ROOF DECK	NO	NO	2.00	11.40	R
VIRL	VERSICORE RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	3LASS FELT WITH VELCRC	ROOF DECK	NO	NO	2.50	14.40	R
VIRL	VERSICORE RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	3LASS FELT WITH VELCRC	ROOF DECK	NO	NO	2.70	15.60	R
VIRL	VERSICORE RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	3LASS FELT WITH VELCRC	ROOF DECK	NO	NO	3.00	17.40	R
VIRL	VERSICORE RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	3LASS FELT WITH VELCRC	ROOF DECK	NO	NO	3.50	20.50	R
VIRL	VERSICORE RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	3LASS FELT WITH VELCRC	ROOF DECK	NO	NO	4.00	23.60	R
VNB	DURAFACER POLYISO	ISOCYANURATE	COMPOSITE	WAFERBOARD	ROOF DECK	NO	NO	1.50	6.20	R
VNB	DURAFACER POLYISO	ISOCYANURATE	COMPOSITE	WAFERBOARD	ROOF DECK	NO	NO	2.00	9.20	R
VNB	DURAFACER POLYISO	ISOCYANURATE	COMPOSITE	WAFERBOARD	ROOF DECK	NO	NO	3.00	15.00	R
VNB	DURAFACER POLYISO	ISOCYANURATE	COMPOSITE	WAFERBOARD	ROOF DECK	NO	NO	4.00	21.10	R
VNH	VERSICORE NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	1.00	5.70	R
VNH	VERSICORE NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	1.50	8.60	R
VNH	VERSICORE NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	2.00	11.40	R
VNH	VERSICORE NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	2.50	14.40	R
VNH	VERSICORE NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	2.70	15.60	R
VNH	VERSICORE NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	3.00	17.40	R
VNH	VERSICORE NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	3.50	20.50	R
VNH	VERSICORE NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	4.00	23.60	R
VSD	VERSICORE POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	1.00	5.70	R
VSD	VERSICORE POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	1.50	8.60	R
VSD	VERSICORE POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	2.00	11.40	R
VSD	VERSICORE POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	2.50	14.40	R
VSD	VERSICORE POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	2.70	15.60	R
VSD	VERSICORE POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	3.00	17.40	R
VSD	VERSICORE POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	3.50	20.50	R
VSD	VERSICORE POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	GLASS FELT	ROOF DECK	NO	NO	4.00	23.60	R
VSCRL	SECURSHIELD HD COMPOSITE RAPIDLOCK POLY	ISOCYANURATE	COMPOSITE	FED GLASS FELT WITH VEI	ROOF DECK	NO	NO	2.00	11.10	R
VSCRL	SECURSHIELD HD COMPOSITE RAPIDLOCK POLY	ISOCYANURATE	COMPOSITE	FED GLASS FELT WITH VEI	ROOF DECK	NO	NO	2.50	13.90	R
VSCRL	SECURSHIELD HD COMPOSITE RAPIDLOCK POLY	ISOCYANURATE	COMPOSITE	FED GLASS FELT WITH VEI	ROOF DECK	NO	NO	3.00	16.90	R
VSCRL	SECURSHIELD HD COMPOSITE RAPIDLOCK POLY	ISOCYANURATE	COMPOSITE	FED GLASS FELT WITH VEI	ROOF DECK	NO	NO	4.00	23.00	R
VSNH	SECURSHIELD NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	1.00	5.70	R
VSNH	SECURSHIELD NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	1.50	8.60	R
VSNH	SECURSHIELD NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	2.00	11.40	R
VSNH	SECURSHIELD NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	2.50	14.40	R

BHGS - THERMAL INSULATION DIRECTORY
BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
VSNH	SECURSHIELD NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	2.70	15.60	R
VSNH	SECURSHIELD NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	3.00	17.40	R
VSNH	SECURSHIELD NH POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	COATED GLASS FELT	ROOF DECK	NO	NO	4.00	23.60	R
VSRL	SECURSHIELD RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	ED GLASS FELT WITH VEI	ROOF DECK	NO	NO	1.00	5.70	R
VSRL	SECURSHIELD RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	ED GLASS FELT WITH VEI	ROOF DECK	NO	NO	1.50	8.60	R
VSRL	SECURSHIELD RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	ED GLASS FELT WITH VEI	ROOF DECK	NO	NO	2.00	11.40	R
VSRL	SECURSHIELD RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	ED GLASS FELT WITH VEI	ROOF DECK	NO	NO	2.50	14.40	R
VSRL	SECURSHIELD RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	ED GLASS FELT WITH VEI	ROOF DECK	NO	NO	2.70	15.60	R
VSRL	SECURSHIELD RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	ED GLASS FELT WITH VEI	ROOF DECK	NO	NO	3.00	17.40	R
VSRL	SECURSHIELD RAPIDLOCK RL POLYISO	ISOCYANURATE	FACED SINGLE MATERIAL	ED GLASS FELT WITH VEI	ROOF DECK	NO	NO	4.00	23.60	R

***Initial R-Values

* DESCRIPTION OF BRAND CODES:

VCG = SECURSHIELD POLYISO

VHC = SECURSHIELD HD COMPOSITE POLYIS

VHD = SECURSHIELD HD POLYISO

VNB = DURAFAKER POLYISO

VSD = VERSICORE POLYISO

VIRL = VERSICORE RAPIDLOCK RL POLYISO

VSRL = SECURSHIELD RAPIDLOCK RL POLYISO

VSCRL = SECURSHIELD HD COMPOSITE RAPIDLOCK POLYISO

VNH = VERSICORE NH POLYISO

VSNH = SECURSHIELD NH POLYISO

VHDRL = SECURSHIELD HD RAPIDLOCK RL POLYISO

VHP = VERSICORE HD POLYISO

Polystyrene Board										
Atlas Molded Products - T 1472						Updated 06/18/2026				
EPS	THERMALSTAR E 10	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	NO	**1.00	**3.6	R
EPS	THERMALSTAR E 13	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	NO	**1.00	**3.8	R
EPS	THERMALSTAR E 15	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	NO	**1.00	**4.0	R
EPS	THERMALSTAR E 25	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	NO	**1.00	**4.2	R
GPS	THERMALSTAR G 10	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	NO	**1.00	**4.7	R
GPS	THERMALSTAR G 13	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	NO	**1.00	**4.7	R
GPS	THERMALSTAR G 15	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	NO	**1.00	**4.7	R
GPS	THERMALSTAR G 25	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	NO	**1.00	**4.7	R
EPS	THERMALSTAR X 10	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	NO	**1.00	**3.6	R
EPS	THERMALSTAR X 13	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	NO	**1.00	**3.8	R
EPS	THERMALSTAR X 15	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	NO	**1.00	**4.0	R
EPS	THERMALSTAR X 25	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	NO	**1.00	**4.2	R
EPS	THERMALSTAR X 40	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	NO	**1.00	**4.2	R
EPS	THERMALSTAR X 60	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	NO	**1.00	**4.3	R
EPS	THERMALSTAR E+ 10	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	RF WALL FLR	YES	YES	**1.00	**3.6	R
EPS	THERMALSTAR E+ 13	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	RF WALL FLR	YES	YES	**1.00	**3.8	R
EPS	THERMALSTAR E+ 15	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	RF WALL FLR	YES	YES	**1.00	**4.0	R
EPS	THERMALSTAR E+ 25	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	RF WALL FLR	YES	YES	**1.00	**4.2	R
GPS	THERMALSTAR G+ 10	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	RF WALL FLR	YES	YES	**1.00	**4.7	R
GPS	THERMALSTAR G+ 13	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	RF WALL FLR	YES	YES	**1.00	**4.7	R
GPS	THERMALSTAR G+ 15	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	RF WALL FLR	YES	YES	**1.00	**4.7	R
GPS	THERMALSTAR G+ 25	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	RF WALL FLR	YES	YES	**1.00	**4.7	R
EPS	THERMALSTAR X+ 10	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	RF WALL FLR	YES	YES	**1.00	**3.6	R
EPS	THERMALSTAR X+ 13	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	RF WALL FLR	YES	YES	**1.00	**3.8	R
EPS	THERMALSTAR X+ 15	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	RF WALL FLR	YES	YES	**1.00	**4.0	R
EPS	THERMALSTAR X+ 25	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	RF WALL FLR	YES	YES	**1.00	**4.2	R
EPS	THERMALSTAR X+ 40	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	RF WALL FLR	YES	YES	**1.00	**4.2	R
EPS	THERMALSTAR X+ 60	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	RF WALL FLR	YES	YES	**1.00	**4.3	R

* DESCRIPTION OF BRAND CODES:

GPS = GRAPHITE EPS

EPS = EPS

** = Values will vary with thickness. Stated values are R values per inch. EPS and GPS materials can be manufactured up to 48" thick.

However, ThermalStar E+, ThermalStar X+, and ThermalStar G+ are only offered up to 4" thickness.

BASF Corporation - T 1533						Updated 10/29/2020				
NEO	TYPE I	POLYSTYRENE	SINGLE MATERIAL	NONE	RF, WALL, PERIMETER	NO	NO	1.00	4.70	R
NEO	TYPE VIII	POLYSTYRENE	SINGLE MATERIAL	NONE	RF, WALL, PERIMETER	NO	NO	1.00	4.70	R
NEO	TYPE VIII	POLYSTYRENE	SINGLE MATERIAL	NONE	RF, WALL, PERIMETER	NO	NO	1.06	5.00	R
NEO	TYPE II	POLYSTYRENE	SINGLE MATERIAL	NONE	RF, WALL, PERIMETER	NO	NO	1.00	4.70	R
NEO	TYPE II	POLYSTYRENE	SINGLE MATERIAL	NONE	RF, WALL, PERIMETER	NO	NO	1.06	5.00	R

BHGS - THERMAL INSULATION DIRECTORY
BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
NEO	TYPE XI	POLYSTYRENE	SINGLE MATERIAL	NONE	PERIMETER	YES	NO	1.06	4.90	R
THR	TYPE II	POLYSTYRENE	DUAL MATERIAL	HOUSEWRAP	WALL, PERIMETER	YES	YES	1.06	5.00	R

* DESCRIPTION OF BRAND CODES:
NEO=NEOPOR GRAPHITE ENHANCED POLYSTYRENE
THR=NEOPOR THERMAPLUS WRB CONTINUOUS INSULATION

DuPont de Nemours Inc. - T 1535					Updated 04/15/2024					
DOW	BLUECOR	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL	NO	YES	0.25	1.00	R
DOW	DOW HP UL	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL	NO	YES	0.25	1.00	R
DOW	DOW HP UL	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL	NO	YES	0.38	1.50	R
DOW	DOW HP UL	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL	NO	YES	0.50	2.10	R
DOW	STO INSUL-X**	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	YES	1.00	5.00	R
SF	CAVITYMATE ULTRA	POLYSTYRENE	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	YES	1.00	5.60	R
SF	CAVITYMATE ULTRA	POLYSTYRENE	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	YES	1.75	10.00	R
SF	CAVITYMATE ULTRA	POLYSTYRENE	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	YES	2.13	12.00	R
SF	CAVITYMATE ULTRA	POLYSTYRENE	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	YES	2.50	14.00	R
SF	CAVITYMATE ULTRA	POLYSTYRENE	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	YES	2.79	15.60	R
SF	CAVITYMATE ULTRA	POLYSTYRENE	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	YES	3.00	16.80	R
SF	CAVITYMATE ULTRA	POLYSTYRENE	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	YES	3.50	19.60	R
SF	DOW PROTECTION BD III	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL FLR	NO	YES	0.25	1.00	R
SF	LEVELR	POLYSTYRENE	SINGLE MATERIAL	NONE	WALL	NO	YES	0.25	1.00	R
SF	LEVELR	POLYSTYRENE	SINGLE MATERIAL	NONE	WALL	NO	YES	0.38	1.40	R
SF	RECOVERMATE CR	POLYSTYRENE	FACED SINGLE MATERIAL	KRAFT	ROOF	NO	YES	0.38	1.50	R
SF	RESIDENTIAL SHEATHING	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL	NO	YES	0.55	3.00	R
SF	RESIDENTIAL SHEATHING	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL	NO	YES	0.75	4.00	R
SF	RESIDENTIAL SHEATHING	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL	NO	YES	1.00	5.00	R
SF	STUCCOMATE	POLYSTYRENE	SINGLE MATERIAL	NONE	WALL	NO	YES	0.75	4.00	R
SF	STUCCOMATE	POLYSTYRENE	SINGLE MATERIAL	NONE	WALL	NO	YES	1.00	5.00	R
SF	TYPE IV**	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	YES	1.00	5.00	R
SF	TYPE V**	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	YES	1.00	5.00	R
SF	TYPE VI**	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	YES	1.00	5.00	R
SF	TYPE VII**	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	YES	1.00	5.00	R
SF	TYPE X**	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	YES	1.00	5.00	R
SF	ULTRA	POLYSTYRENE	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	YES	1.00	5.60	R
SF	ULTRA	POLYSTYRENE	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	YES	1.75	10.00	R
SF	ULTRA	POLYSTYRENE	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	YES	2.13	12.00	R
SF	ULTRA	POLYSTYRENE	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	YES	2.50	14.00	R
SF	ULTRA	POLYSTYRENE	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	YES	2.79	15.60	R
SF	ULTRA	POLYSTYRENE	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	YES	3.00	16.80	R
SF	ULTRA	POLYSTYRENE	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	YES	3.50	19.60	R

** = Values will vary with thickness. Stated values are for 1 inch = R-5.

* DESCRIPTION OF BRAND CODES:
DOW = DOW CHEMICAL CO SF = STYROFOAM

Insulfoam - T 1482					Updated 10/04/2012					
IF	INSULFOAM15FS015	POLYSTYRENE	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	NO	1.00	4.20	R
IF	INSULFOAM15FS015	POLYSTYRENE	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	NO	1.50	6.20	R
IF	INSULFOAM1FSO-15	POLYSTYRENE	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	NO	0.50	2.00	R
IF	INSULFOAM1FSO-15	POLYSTYRENE	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	NO	1.00	4.00	R
IF	INSULFOAM1FSO-15	POLYSTYRENE	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	NO	1.50	6.00	R
IF	INSULFOAM1FSO-15	POLYSTYRENE	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	NO	2.00	8.00	R
IF	INSULFOAM1FSO-15	POLYSTYRENE	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	NO	2.50	10.00	R
IF	INSULFOAM1FSO-15	POLYSTYRENE	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	NO	3.00	12.00	R
IF	INSULFOAM1FSO-15	POLYSTYRENE	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	NO	3.50	14.00	R
IF	INSULFOAM1FSO-15	POLYSTYRENE	SINGLE MATERIAL	NONE	CLG WALL FLR	NO	NO	4.00	16.00	R
IF	INSULFOAMR-TECH I	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	CLG WALL FLR	NO	NO	0.38	1.45	R
IF	INSULFOAMR-TECH I	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	CLG WALL FLR	NO	NO	0.50	1.93	R
IF	INSULFOAMR-TECH I	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	CLG WALL FLR	NO	NO	0.75	2.89	R

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BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
IF	INSULFOAMR-TECH I	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	CLG WALL FLR	NO	NO	1.00	3.85	R
IF	INSULFOAMR-TECH I	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	CLG WALL FLR	NO	NO	1.50	5.78	R
IF	INSULFOAMR-TECH I	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	CLG WALL FLR	NO	NO	2.00	7.70	R
IF	INSULFOAMR-TECH I	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	CLG WALL FLR	NO	NO	3.00	11.60	R
IF	INSULFOAMR-TECH I	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	CLG WALL FLR	NO	NO	4.00	15.50	R

R VALUE TEST ASTM C518

*DESCRIPTION OF BRAND CODES

IF = INSULFOAM

Kingspan Insulation, LLC - T 1506					Updated 03/29/2021					
KNG	DC14**	POLYSTYRENE	FOAM LAYERS	PLASTIC	WALL	NO	NO	0.25	1.00	R
KNG	FP1450**	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL	NO	NO	0.25	1.00	R
KNG	FQ250	POLYSTYRENE	SINGLE MATERIAL	FOIL	WALL	NO	NO	0.20	2.9*****	R
KNG	FQ350	POLYSTYRENE	SINGLE MATERIAL	FOIL	WALL	NO	NO	0.30	3.1*****	R
KNG	GREENGUARD LG	POLYSTYRENE	SINGLE MATERIAL	NONE	WALL	NO	YES	0.50	3.00	R
KNG	GREENGUARD LG	POLYSTYRENE	SINGLE MATERIAL	NONE	WALL	NO	YES	0.75	3.80	R
KNG	GREENGUARD LG	POLYSTYRENE	SINGLE MATERIAL	NONE	WALL	NO	YES	1.00	5.00	R
KNG	GREENGUARD LG	POLYSTYRENE	SINGLE MATERIAL	NONE	WALL	NO	YES	2.00	10.00	R
KNG	GREENGUARD LG	POLYSTYRENE	SINGLE MATERIAL	NONE	WALL	NO	YES	3.00	15.00	R
KNG	GREENGUARD LG	POLYSTYRENE	SINGLE MATERIAL	NONE	WALL	NO	YES	4.00	20.00	R
KNG	GREENGUARD LG	POLYSTYRENE	SINGLE MATERIAL	NONE	ROOF	NO	YES	1.00	5.00	R
KNG	GREENGUARD LG	POLYSTYRENE	SINGLE MATERIAL	NONE	ROOF	NO	YES	2.00	10.00	R
KNG	GREENGUARD LG	POLYSTYRENE	SINGLE MATERIAL	NONE	ROOF	NO	YES	3.00	15.00	R
KNG	GREENGUARD LG	POLYSTYRENE	SINGLE MATERIAL	NONE	ROOF	NO	YES	4.00	20.00	R
KNG	GREENGUARD LG-CMX/SLX	POLYSTYRENE	FOAM LAYERS	PLASTIC	WALL	NO	YES	0.50	3.00	R
KNG	GREENGUARD LG-CMX/SLX	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	ROOF	NO	YES	0.75	3.80	R
KNG	GREENGUARD LG-CMX/SLX	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	ROOF	NO	YES	1.00	5.00	R
KNG	P1450**	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL	NO	NO	0.25	1.00	R
KNG	PB38***	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	ROOF	NO	YES	0.37	1.50	R
KNG	PB4**	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL	NO	YES	0.25	1.00	R
KNG	PB6**	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	ROOF	NO	YES	0.37	1.50	R
KNG	PB6HD**	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	ROOF	NO	YES	0.37	1.50	R
KNG	PB6 PLUS**	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	ROOF	NO	NO	0.37	1.50	R
KNG	PB6W/DURO-GUARD	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	ROOF	NO	NO	0.37	1.50	R
KNG	PG38***	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	ROOF	NO	YES	0.37	1.50	R
KNG	PG38***	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL	NO	NO	0.44	2.00	R
KNG	PG48***	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL	NO	NO	0.44	2.00	R
KNG	PG49***	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL	NO	NO	0.44	2.00	R
KNG	PGF28***	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	ROOF	NO	YES	0.37	1.50	R
KNG	PLYGOOD-ULTRA	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL	NO	YES	0.37	1.50	R
KNG	PLYGOOD-ULTRA	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL	NO	YES	0.44	1.80	R
KNG	Q250**	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL	NO	NO	0.20	---	-
KNG	Q350**	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL	NO	NO	0.30	---	-
KNG	S14**	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL	NO	NO	0.25	1.00	R
KNG	XFP14**	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL	NO	NO	0.25	1.00	R
KNG	XFP38	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL	NO	NO	0.37	1.50	R
KNG	XP14**	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL	NO	NO	0.25	1.00	R
KNG	XP38	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL	NO	NO	0.37	1.50	R

** = Values will vary with thickness. Stated values are for R-5.

*** = Exposure applicable to AGTEK only.

**** = System R-Value is calculated in accordance with the "ASHRE Handbook of Fundamentals" using a 1/2" uniform parallel uniform dead air space. The R-Value of this product installed without an air space is 1.1

***** = System R-Value is calculated in accordance with the "ASHRE Handbook of Fundamentals" using a 1/2" uniform parallel dead air space. The R-Value of this product installed without an air space is 0.9

*DESCRIPTION OF BRAND CODES:

KNG = KINGSPAN INSULATION, LLC

BHGS - THERMAL INSULATION DIRECTORY
BOARD INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
Owens Corning Foam Insulation LLC - T 1427				Updated 6/14/2008						
FMR	D-FA, D-PLUS	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	ROOF	NO	YES	**1.00	**5.0	R
FMR	F-IS	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL	NO	YES	**1.00	**5.0	R
FMR	FF, F-1/2"	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	YES	**1.00	**5.0	R
FMR	TYPE IV	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	YES***	YES	**1.00	**5.0	R
FMR	TYPE V	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	YES	**1.00	**5.0	R
FMR	TYPE VI	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	YES	**1.00	**5.0	R
FMR	TYPE VII	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	YES	**1.00	**5.0	R
FMR	TYPE X	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	YES	**1.00	**5.0	R

** = Values will vary with thickness. Stated values are for R-5.

*** = Exposure applicable to AGTEK only.

* DESCRIPTION OF BRAND CODES:
FMR = FOAMULAR

Poliestireno Alfa Gamma S.A. de C.V. - T 1470				Updated 09/30/2022						
ALT	TYPE XI/EPS12	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	NO	**1.00	**3.20	R
ALT	TYPE I/EPS15	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	NO	**1.00	**3.60	R
ALT	TYPE VIII/EPS19	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	NO	**1.00	**3.80	R
ALT	TYPE II/EPS22	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	NO	**1.00	**4.00	R
ALT	TYPE IX/EPS29	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	NO	**1.00	**4.20	R
ALT	TYPE XIV/EPS39	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	NO	**1.00	**4.20	R
ALT	TYPE XV/EPS46	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	NO	**1.00	**4.30	R
ALT	GPS TYPE II	POLYSTYRENE	SINGLE MATERIAL	NONE	RF WALL FLR	NO	NO	**1.00	**4.70	R

** = Values will vary with thickness. Stated values are R values per inch.

* DESCRIPTION OF BRAND CODES:
ALT = ALFATERM GEOFOAM

Premier Building Systems - T 1563				Updated 04/07/2025						
RFF	RS+FF	POLYSTYRENE	FACED SINGLE MATERIAL	PLASTIC	WALL	NO	NO	0.50	1.9	R

* DESCRIPTION OF BRAND CODES:
RFF = RS+FF

Siplast, Inc. - T 1320				Updated 06/14/2008						
ISP	INSULPERM	POLYSTYRENE	SINGLE MATERIAL	NONE	ROOF DECK	NO	NO	1.00	3.90	R
ISP	INSULPERM	POLYSTYRENE	SINGLE MATERIAL	NONE	ROOF DECK	NO	NO	2.00	7.80	R
ISP	INSULPERM	POLYSTYRENE	SINGLE MATERIAL	NONE	ROOF DECK	NO	NO	4.00	16.00	R
ISP	INSULPERM	POLYSTYRENE	SINGLE MATERIAL	NONE	ROOF DECK	NO	NO	5.00	20.00	R
ISP	INSULPERM	POLYSTYRENE	SINGLE MATERIAL	NONE	ROOF DECK	NO	NO	6.00	24.00	R
ISP	INSULPERM	POLYSTYRENE	SINGLE MATERIAL	NONE	ROOF DECK	NO	NO	7.00	28.00	R
ISP	INSULPERM	POLYSTYRENE	SINGLE MATERIAL	NONE	ROOF DECK	NO	NO	8.00	32.00	R

* DESCRIPTION OF BRAND CODES:
ISP = INSULPERM

BHGS - THERMAL INSULATION DIRECTORY RIGID STOCK INSULATION MANUFACTURERS

Brand Code*	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder?	Density Lbs per Cubic Foot	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
Polyisocyanurate Rigid Stock											
Duna USA Inc. - T 1476						Updated 12/12/2011					
COR	CORAFOAM P20	ISOCYANURATE	SINGLE MATERIAL	NONE	PIPE	YES	NO	---	---	0.19	K

* DESCRIPTION OF BRAND CODES:
COR = CORAFOAM

Johns Manville - T 1341						Updated 06/08/2020					
TRY	TRYMER 25-50	ISOCYANURATE	SINGLE MATERIAL	NONE	PIPE	YES	NO	---	---	0.19	K
TRY	TRYMER 1800	ISOCYANURATE	SINGLE MATERIAL	NONE	PIPE	YES	NO	---	---	0.19	K
TRY	TRYMER 2000XP	ISOCYANURATE	SINGLE MATERIAL	NONE	PIPE	YES	NO	---	---	0.19	K
TRY	TRYMER 2500	ISOCYANURATE	SINGLE MATERIAL	NONE	PIPE	YES	NO	---	---	0.19	K
TRY	TRYMER 3000	ISOCYANURATE	SINGLE MATERIAL	NONE	PIPE	YES	NO	---	---	0.19	K
TRY	TRYMER 4000	ISOCYANURATE	SINGLE MATERIAL	NONE	PIPE	YES	NO	---	---	0.19	K
TRY	TRYMER 6000	ISOCYANURATE	SINGLE MATERIAL	NONE	PIPE	YES	NO	---	---	0.20	K
TRY	TRYMER 200L	ISOCYANURATE	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	---	---	0.19	K
TRY	TRYMER 250L	ISOCYANURATE	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	---	---	0.19	K
TRY	TRYMER 350L	ISOCYANURATE	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	---	---	0.19	K
TRY	TRYMER 400L	ISOCYANURATE	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	---	---	0.19	K

* DESCRIPTION OF BRAND CODES:
TRY = TRYMER

Kingspan Insulation LLC - T 1538						Updated 08/24/2022					
ISO	ISO-C1/2.0	ISOCYANURATE	SINGLE MATERIAL	NONE	PIPE	NO	NO	---	---	0.18	K
ISO	ISO-C1/2.5	ISOCYANURATE	SINGLE MATERIAL	NONE	PIPE	NO	NO	---	---	0.18	K

* DESCRIPTION OF BRAND CODES:
ISO = ISO-C1

Polystyrene Rigid Stock											
DuPont de Nemours Inc. - T 1535						Updated 04/24/2020					
XPS	PIPE INSULATION BILLET	POLYSTYRENE	SINGLE MATERIAL	NONE	PIPE	---	YES	1.60	---	0.26	K

* DESCRIPTION OF BRAND CODES:
XPS = EXTRUDED POLYSTYRENE FOAM

BHGS - THERMAL INSULATION DIRECTORY
FOIL INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder?	Labeled Thermal Performance Heatflow Up	Labeled Thermal Performance Heatflow Down	Labeled Thermal Performance Heatflow Level	R, K or C Value
Reflective Foil										
Covertch Flexible Packaging A Division of Balcan Innovation Inc - T 1354							Updated 12/09/2021			
CVR	FOIL 1XBUBBLW FL	REFLECTIVE FOIL	FACED SINGLE MATERIAL	CLG WALL FLR	YES	YES	5.3	10.6	6.8	R
CVR	FOIL 2XBUBBLE FL	REFLECTIVE FOIL	FACED SINGLE MATERIAL	CLG WALL FLR	YES	YES	5.3	10.6	6.8	R
CVR	FR POLY1BUBBLE FL	REFLECTIVE FOIL	FACED SINGLE MATERIAL	CLG WALL FLR	NO	YES	5.3	10.6	6.8	R
CVR	FR POLY2BUBBLE FL	REFLECTIVE FOIL	FACED SINGLE MATERIAL	CLG WALL FLR	NO	YES	5.3	10.6	6.8	R

* DESCRIPTION OF BRAND CODES:
CVR = COVERTECH FABRICATING

Environmentally Safe Products Inc. - T 1281							Updated 04/06/2023			
ESP	HOUSEWRAP 4PFNS (1)	FOIL/PE FOAM/FOIL	COMPOSITE	WALL	NO	NO	---	---	4.00	R
ESP	LOW-E 4LFLT (1, 2)	FOIL/PE FOAM/FOIL	COMPOSITE	CLG WALL FLR	YES	YES	7.55	11.00	7.75	R
ESP	SLAB-SHIELD 4SFSB 4MSMB (3)	PE FM/FOIL/PE FM	COMPOSITE	FLOOR	NO	YES	---	---	1.40	R
ESP	THERMA-SHEET (4)	FOIL/PE FOAM/FOIL	COMPOSITE	ROOF	NO	YES	4.00	9.00	---	R

(1) = AVAILABLE in 4', 5', 6' widths

(3) = AVAILABLE in 4' widths only

4LFLX (7/32") THERMA-SHEET has an R-Value of 1.03

(2) = AVAILABLE with staple flange edges or EZ Seal edge

(4) = When installed in systems without an airspace,

* DESCRIPTION OF BRAND CODES:

ESP = ENVIRONMENTALLY SAFE PRODUCTS

Fi-Foil Company Inc. - T 1390							Updated 09/08/2025			
FFC	RBI SHIELD	REFLECTFOIL/FOIL	SYSTEM	CLG FLR	YES	YES	---	16.0	---	R
FFC	RBI SHIELD	REFLECTFOIL/WHITE	SYSTEM	CLG FLR	YES	YES	---	12.0	---	R
FFC	RBI- HVAC***	REFLECTIVE FOIL/FOIL	SYSTEM	DUCT	YES	NO	4.2**	6**	8**	R

* DESCRIPTION OF BRAND CODES:

FFC = FI-FOIL CO

**All values are for radial heatflow.

***R-values averaged between surface-to-surface and surface-to-air R-values

Innovative Insulation Inc. - T 1408							Updated 06/14/2008			
RXI	BP	BUBBLEPK/FOIL	<u>IN 2X4" APPLICATIONS</u> SINGLE MATERIAL	CLG WALL FLR	YES	YES	5.0	10.08	6.55	R
RXI	BP	BUBBLEPK/FOIL	<u>IN 2X6" APPLICATIONS</u> SINGLE MATERIAL	CLG WALL FLR	YES	YES	5.16	11.71	6.65	R

* DESCRIPTION OF BRAND CODES:

RXI = REFLECTIX INC

Insulation "R" is for the Reflectix plus enclosed air spaces on both sides of the product.

International Insulation Products - T 1512							Updated 05/12/2020			
ESH	ESHIELD	REFLECTIVE FOIL	COMPOSITE	ROOF DECK	YES	YES	---	10.9	---	R
SCA	SOL-R-SKIN CLASS A	REFLECTIVE FOIL	COMPOSITE	ROOF DECK	YES	YES	---	5.5	---	R
SLE	SOLRECLIPSE	REFLECTIVE FOIL	COMPOSITE	ROOF DECK	YES	YES	---	10.7	---	R

* DESCRIPTION OF BRAND CODES:

ESH = INTERNATIONAL INSULATION PRODUCTS

SCA = INTERNATIONAL INSULATION PRODUCTS

SLE = INTERNATIONAL INSULATION PRODUCTS

BHGS - THERMAL INSULATION DIRECTORY
FOIL INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder?	Labeled Thermal Performance Heatflow Up	Labeled Thermal Performance Heatflow Down	Labeled Thermal Performance Heatflow Level	R, K or C Value
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M-D Building Products Inc - T 1120						Updated 09/24/2024				
MD	02394	REFLECT FOIL/FM	FACED SINGLE MATERIAL	METAL	PIPES	YES	YES	0.12	0.40	R
MD	02378	REFLECT FOIL/FM	FACED SINGLE MATERIAL	METAL	PIPES	YES	YES	0.12	0.40	R

* DESCRIPTION OF BRAND CODES:
MD = M-D BUILDING PRODUCTS

Reflectix, Inc. - T 1543						Updated 12/16/2021				
RXI	BB060410V2	BUBBLE/METAL	EXTERIOR WRAP	DUCT WRAP	YES	YES	---	---	** 6.63	R
RXI	BB060410V3	BUBBLE/METAL	EXTERIOR WRAP	DUCT WRAP	YES	YES	---	---	*** 7.97	R
RXI	BP	BUBBLEPK/FOIL	<u>IN 2X4" APPLICATIONS</u> SINGLE MATERIAL	CLG WALL FLR	YES	YES	4.96	10.08	6.55	R
RXI	BP	BUBBLEPK/FOIL	<u>IN 2X6" APPLICATIONS</u> SINGLE MATERIAL	CLG WALL FLR	YES	YES	5.16	11.71	6.65	R
RXI	DW	BUBBLEPK/FOIL	EXTERIOR WRAP	DUCT WRAP	YES	YES	---	---	** 4.20	R
RXI	DW	BUBBLEPK/FOIL	EXTERIOR WRAP	DUCT WRAP	YES	YES	---	---	*** 6.40	R
RXI	LPW	BUBBLEPK/FOIL	SPIRAL PIPE WRAP	PIPE WRAP	YES	YES	NO R-VALUE CLAIMED			

Insulation "R" is for the Reflectix plus enclosed air spaces on both sides of the product.
** Total R-value of duct with Reflectix attached directly to the outside duct. Measured by maintaining a 30° temperature difference.
*** R-value of duct with Reflectix installed with 3/4" airspace measured to ASTM 335 at 75° mean.

* DESCRIPTION OF BRAND CODES:
RXI = REFLECTIX INC

Resisto - T 1469						Updated 05/18/2026				
RES	SOPRA-FOILM1M	REFLECTIVE FOIL	COMPOSITE	CLG WALL FLR	YES	YES	5.4	14.6	6.7	R
RES	SOPRA-FOILM1V	REFLECTIVE FOIL	COMPOSITE	CLG WALL FLR	YES	YES	5.4	14.6	6.7	R
RES	SOPRA-FOILM2M	REFLECTIVE FOIL	COMPOSITE	CLG WALL FLR	YES	YES	5.4	14.6	6.7	R
RES	SOPRA-FOILM2V	REFLECTIVE FOIL	COMPOSITE	CLG WALL FLR	YES	YES	5.4	14.6	6.7	R

RES = RESISTO

BHGS - THERMAL INSULATION DIRECTORY
RADIANT BARRIER INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)
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Radiant Barrier

Coverttech Flexible Packaging A Division of Balcan Innovation Inc - T 1354

Updated 12/09/2021

CVR	NT RAD BARRIER RFOIL	REFLECTIVE FOIL	FACED SINGLE MATERIAL	CLG WALL FLR	YES	YES
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* DESCRIPTION OF BRAND CODES:
CVR = COVERTECH FABRICATING

Fi-Foil Company Inc. - T 1390

Updated 09/08/2025

FFC	SILVERSHIELD RB	REFLECTIVE FOIL	SYSTEM	CEILING	YES	NO
FFC	RADIANT SHIELD	REFLECTIVE METALLIZED FILM	SYSTEM	CEILING	YES	NO
FFC	SKYFLEX	REFLECTIVE METALLIZED FILM (SOLID)	SYSTEM	CEILING	YES	YES
FFC	RF SHIELD	REFLECTIVE FOIL	SYSTEM	WALL	YES	NO
FFC	RF SHIELD	REFLECTIVE FOIL (SOLID)	SYSTEM	WALL	YES	YES

* DESCRIPTION OF BRAND CODES:
FFC = FI-FOIL CO

Innovative Insulation Inc. - T 1408

Updated 07/10/17

RXI	RADIANT BARRIER	REFLECTIVE FOIL	SINGLE MATERIAL	CLG WALL FLR	YES	NO
SPR	RADIANT BARRIER	REFLECTIVE FOIL	SINGLE MATERIAL	CLG WALL FLR	YES	NO
SPR	RADIANT BARRIER	REFLECTIVE FOIL	SINGLE MATERIAL	CLG WALL FLR	YES	YES

* DESCRIPTION OF BRAND CODES:
RXI = REFLECTIX INC SPR = SUPER-R

Insul-Quilts, Inc. - T 1522

Updated 10/21/2020

IQ	RBF	REFLECTIVE FOIL	SINGLE MATERIAL	ROOF DECK	YES	YES
IQ	RBGB	REFLECTIVE FOIL	SINGLE MATERIAL	ROOF DECK	YES	YES
IQ	RBS	REFLECTIVE FOIL	SINGLE MATERIAL	ROOF DECK	YES	NO

* DESCRIPTION OF BRAND CODES:
IQ = INSUL-QUILTS, INC.

International Insulation Products - T 1512

Updated 05/12/2020

SSC	SOL-R-SKIN COMPOSITE	REFLECTIVE FOIL	SYSTEM	ROOF DECK	YES	YES
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* DESCRIPTION OF BRAND CODES:
SSC = INTERNATIONAL INSULATION PRODUCTS

BHGS - THERMAL INSULATION DIRECTORY
RADIANT BARRIER INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)
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Lamtec Corporation - T 1489					Updated 03/29/2018	
LAM	30J	REFLECTIVE FOIL	SINGLE MATERIAL	ROOF DECK	YES	YES
LAM	FSKF	REFLECTIVE FOIL	SINGLE MATERIAL	ROOF DECK	YES	YES
LAM	R-3035	REFLECTIVE FOIL	SINGLE MATERIAL	ROOF DECK	YES	YES
LAM	WHITE FSKF	REFLECTIVE FOIL	SINGLE MATERIAL	ROOF DECK	YES	YES
LAM	WMP-ASJ	REFLECTIVE FOIL	SINGLE MATERIAL	ROOF DECK	YES	YES

* DESCRIPTION OF BRAND CODES:
 LAM = LAMTEC

Radiant Barrier USA - T 1564					Updated 05/05/2026	
RB+	RADIANT BARRIER RB+	REFLECTIVE FOIL	SINGLE MATERIAL	CEILING	NO	NO

* DESCRIPTION OF BRAND CODES:
 RB+ = RADIANT BARRIER RB+

Service Partners LLC - T 1516					Updated 05/05/2026	
AFS	ALUMA-FOIL SUPER PLUS	REFLECTIVE FOIL	SINGLE MATERIAL	CLG WALL FLR	YES	NO
AFS	FSKF/WHITE PW	REFLECTIVE FOIL	SINGLE MATERIAL	ROOF DECK	YES	YES

(PB = PAINTED BLACK) (PW = PAINTED WHITE)
 * DESCRIPTION OF BRAND CODES:
 AFS = ADVANCED FOIL SYSTEMS

**BHGS - THERMAL INSULATION DIRECTORY
FOAM & SPRAY INSULATION MANUFACTURERS**

Brand Code*	Product ID	Material	Type	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Thermal Performance per Inch	R, K or C Value
Cellulose Spray or Field Applied								
Applegate Greenfiber Aquisition, LLC - T 1548					Updated 09/15/2022			
CC	STABILIZED BLENDED	CELLULOSE	SINGLE MATERIAL	CEILING	NO	NO	3.70	R
CC	STABILIZED BORATE	CELLULOSE	SINGLE MATERIAL	CLG WALL FLR	NO	NO	3.70	R
SANC	SANCTUARY	CELLULOSE	SINGLE MATERIAL	CLG WALL FLR	NO	NO	3.70	R

NOTE: The above product is not intended to be used in applications where it is exposed on the interior of walls and ceilings.

* DESCRIPTION OF BRAND CODES:

CC = COCOON

SANC = SANCTUARY

ICC Acquisitions Corporation - T 1551					Updated 03/18/2025			
CBW	CELBAR WALLSPRAY	CELLULOSE	SINGLE MATERIAL	WALL	NO	NO	3.70	R
K13	K13 SPRAY ON	CELLULOSE	SINGLE MATERIAL	CLG WALL FLR	YES	NO	3.70	R
UREK	UREK THERMAL BAR	CELLULOSE	SINGLE MATERIAL	CLG WALL FLR	YES	NO	3.60	R

* DESCRIPTION OF BRAND CODES:

CBW = CELBAR WALLSPRAY

K13 = K13 SPRAY ON

UREK = UREK THERMAL BAR

Mountain Fiber Insulation Inc. - T 1405					Updated 03/19/2009			
MFI	758164000229	CELLULOSE	SINGLE MATERIAL	WALL	YES	NO	3.70	R

* DESCRIPTION OF BRAND CODES:

MFI = MOUNTAIN FIBER INSULATION

Mineral Fiber Spray or Field Applied								
Johns Manville - T 1039					Updated 05/18/2020			
JM	SPIDER PLUS	FIBER GLASS	SINGLE	WALL	NO	NO	4.0**	R
JM	SPIDER PLUS	FIBER GLASS	SINGLE	WALL	NO	NO	4.3***	R

* DESCRIPTION OF BRAND CODES:

JM = JOHNS MANVILLE

** = installed at a density of 1.5 lbs/ft³

*** = installed at a density of 1.8 lbs/ft³

Polyurethane Spray or Field Applied								
Amrize Building Envelope, LLC - T 1558					Updated 06/30/2025			
ENVG	ENVERGE EASYSEAL 0.5 OPEN CELL	URETHANE	SYSTEM	CLG WALL FLR	YES	NO	3.70	R
ENVG	ENVERGE EASYSEAL ULTRA OPEN CELL	URETHANE	SYSTEM	CLG WALL FLR	YES	YES	3.80	R
ENVG	ENVERGE NEXSEAL 2.0 CLOSED CELL	URETHANE	SYSTEM	CLG WALL FLR	YES	YES	7.20	R
ENVG	ENVERGE NEXSEAL LE CLOSED CELL	URETHANE	SYSTEM	CLG WALL FLR	YES	YES	7.20	R
ENVG	ENVERGE ONEPASS HFO CLOSED CELL	URETHANE	SYSTEM	CLG WALL FLR	YES	YES	7.20	R
ENVG	ENVERGE SUCRASEAL OPEN CELL	URETHANE	SYSTEM	CLG WALL FLR	YES	NO	4.10	R

* DESCRIPTION OF BRAND CODES:

ENVG = AMRIZE BUILDING ENVELOPE, LLC

**BHGS - THERMAL INSULATION DIRECTORY
FOAM & SPRAY INSULATION MANUFACTURERS**

Brand Code*	Product ID	Material	Type	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Thermal Performance per Inch	R, K or C Value
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BASF Corporation - T 1153					Updated 06/01/2026			
BSF	AUTOFROTH 1704	URETHANE	SINGLE MATERIAL	WALL	NO	NO	0.15 **	K
BSF	ELASTOPOR 19087	URETHANE	SINGLE MATERIAL	WALL	NO	NO	0.15 **	K
BSF	ELASTOPOR 52210	URETHANE	SINGLE MATERIAL	WALL	NO	NO	0.15 **	K
BSF	ELASTOPOR 52480	URETHANE	SINGLE MATERIAL	WALL	NO	NO	0.15 **	K
BSF	ELASTOPOR 52490	URETHANE	SINGLE MATERIAL	WALL	NO	NO	0.15 **	K
BSF	ENERTITE G	URETHANE	SYSTEM	CLG WALL FLR	YES****	NO	3.90	R
BSF	ENERTITE MAX	URETHANE	SYSTEM	CLG WALL FLR	YES****	NO	3.90	R
BSF	ENERTITE X	URETHANE	SYSTEM	CLG WALL FLR	YES****	NO	4.10	R
BSF	SKYTITE C3 2.5	URETHANE	SYSTEM	ROOF DECK	YES****	YES**	6.20	R
BSF	SKYTITE C3 2.8	URETHANE	SYSTEM	ROOF DECK	YES****	YES**	6.20	R
BSF	SKYTITE C3 3.0	URETHANE	SYSTEM	ROOF DECK	YES****	YES**	6.20	R
BSF	WALLTITE MAX	URETHANE	SYSTEM	CLG WALL FLR	YES****	YES***	7.40	R
BSF	WALLTITE ONE	URETHANE	SYSTEM	CLG WALL FLR	YES****	YES***	7.50	R
BSF	WALLTITE RSB	URETHANE	SYSTEM	CLG WALL FLR	YES****	YES***	7.60	R

* = Initial K-Values

* DESCRIPTION OF BRAND CODES:
BSF = BASF CORP.

**-Permeance <1.0 Perm at thickness >= 1.0 in.

***-Permeance <1.0 Perm at thickness >= 1.5 in.

****-Per applicable code and testing

2013 California Building Code Sec. 2603.4.1 and Sec. 2603.1

2013 California Residential Code Sec. R316.5 and Sec. R316.6

ICC Evaluation Service Acceptance Criteria for Spray-applied Insulation (AC377), Appendix X
ICC 1100-2019 Standard for Spray-Applied Polyurethane Foam Plastic

BASF Corporation (Spray-Applied PUF) - T 1423					Updated 05/18/2026			
BSF	ENERTITE G	URETHANE	SYSTEM	CLG WALL FLR	YES****	NO	3.90	R
BSF	ENERTITE MAX	URETHANE	SYSTEM	CLG WALL FLR	YES****	NO	3.90	R
BSF	ENERTITE X	URETHANE	SYSTEM	CLG WALL FLR	YES****	NO	4.10	R
BSF	SKYTITE C3 2.5	URETHANE	SYSTEM	ROOF DECK	YES****	YES**	6.20	R
BSF	SKYTITE C3 2.8	URETHANE	SYSTEM	ROOF DECK	YES****	YES**	6.20	R
BSF	SKYTITE C3 3.0	URETHANE	SYSTEM	ROOF DECK	YES****	YES**	6.20	R
BSF	WALLTITE MAX	URETHANE	SYSTEM	CLG WALL FLR	YES****	YES***	7.40	R
BSF	WALLTITE ONE	URETHANE	SYSTEM	CLG WALL FLR	YES****	YES***	7.50	R
BSF	WALLTITE RSB	URETHANE	SYSTEM	CLG WALL FLR	YES****	YES***	7.60	R

* DESCRIPTION OF BRAND CODES:
BSF = BASF CORP.

**-Permeance <1.0 Perm at thickness >= 1.0 in.

***-Permeance <1.0 Perm at thickness >= 1.5 in.

****-Per applicable code and testing

2013 California Building Code Sec. 2603.4.1 and Sec. 2603.1

2013 California Residential Code Sec. R316.5 and Sec. R316.6

ICC Evaluation Service Acceptance Criteria for Spray-applied Insulation (AC377), Appendix X
ICC 1100-2019 Standard for Spray-Applied Polyurethane Foam Plastic

Carlisle Spray Foam Insulation - T 1513					Updated 05/11/2026			
CSFI	FOAMSULATE 50	URETHANE	SINGLE MATERIAL	CLG WALL FLR	NO	NO	3.70	R

**BHGS - THERMAL INSULATION DIRECTORY
FOAM & SPRAY INSULATION MANUFACTURERS**

Brand Code*	Product ID	Material	Type	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Thermal Performance per Inch	R, K or C Value
CSFI	FOAMSULATE HFO 2.0	URETHANE	SINGLE MATERIAL	CLG WALL FLR	NO	YES**	7.20	R
CSFI	FOAMSULATE OCX	URETHANE	SINGLE MATERIAL	CLG WALL FLR	NO	NO	3.70	R
CSFI	SEALTITE PRO HFO	URETHANE	SINGLE MATERIAL	CLG WALL FLR	NO	YES**	7.20	R
CSFI	SEALTITE PRO HIGH YIELD	URETHANE	SINGLE MATERIAL	CLG WALL FLR	YES	NO	3.60	R
CSFI	SEALTITE PRO NO MIX	URETHANE	SINGLE MATERIAL	CLG WALL FLR	NO	NO	3.70	R
CSFI	SEALTITE PRO NO TRIM 21	URETHANE	SINGLE MATERIAL	CLG WALL FLR	NO	NO	4.40	R
CSFI	SEALTITE PRO OCX	URETHANE	SINGLE MATERIAL	CLG WALL FLR	NO	NO	3.70	R

**Materials have less than 1 perm at thickness greater than 1 inch for SEALTITE PRO HFO and FOAMSULATE HFO 2.0

* DESCRIPTION OF BRAND CODES:

CSFI = CARLISLE SPRAY FOAM INSULATION

2022 California Residential Code R316.3, R316.5, R316.6

2022 California Building Code Sec. 2603.1.1

ICC Evaluation Service Acceptance Criteria for Spray-applied Insulation (AC377), Appendix X

ICC 1100-2019 Standard for Spray-Applied Polyurethane Foam Plastic

Creative Polymer Solutions, LLC. - T 1549					Updated 05/01/2026			
AFOC	ACCUFOAM™ OC	URETHANE	COMPOSITE	CLG WALL FLR	NO	NO	3.70	R
AFOC	ACCUFOAM™ AF1	URETHANE	COMPOSITE	CLG WALL FLR	NO	NO	3.70	R
AFCC	ACCUFOAM™ CC-HFO	URETHANE	COMPOSITE	CLG WALL FLR	NO	YES	7.50	R
AFCR	ACCUFOAM™ CCR-HFO	URETHANE	COMPOSITE	ROOF DECK	NO	YES	7.00	R

* DESCRIPTION OF BRAND CODES:

AFOC = ACCUFOAM™ OC

AFCC = ACCUFOAM™ CC-HFO

AFCR = ACCUFOAM™ CCR-HFO

DAP Global Inc. - T 1343					Updated 10/27/2025			
DGI	ALL-PURPOSE GF	URETHANE	COMPOSITE	CLG WALL FLR	NO	NO	5.40	R
DGI	ASGF 24OZ	URETHANE	COMPOSITE	CLG WALL FLR	NO	NO	5.40	R
DGI	BARRIER	URETHANE	COMPOSITE	CLG WALL FLR	NO	NO	4.10	R
DGI	BLACK - RV 24OZ	URETHANE	COMPOSITE	CLG WALL FLR	NO	NO	5.40	R
DGI	CANISTER 10/16LB	URETHANE	COMPOSITE	CLG WALL FLR	NO	NO	4.10	R
DGI	FOAMKIT 110/200/600/750/HVAC	URETHANE	COMPOSITE	CLG WALL FLR	NO	YES	6.60	R
DGI	FOAMKIT 300/1000/CP1200FR	URETHANE	COMPOSITE	CLG WALL FLR	NO	NO	4.10	R
DGI	GFII FIREBLOCK	URETHANE	COMPOSITE	CLG WALL FLR	NO	NO	5.40	R
DGI	HOMESAL / GAPS & CRACKS	URETHANE	COMPOSITE	CLG WALL FLR	NO	NO	5.40	R
DGI	MAXFILL-QC 12/24OZ	URETHANE	COMPOSITE	CLG WALL FLR	NO	NO	4.10	R
DGI	MOUSHIELD	URETHANE	COMPOSITE	CLG WALL FLR	NO	NO	4.10	R
DGI	NOWARP DOOR & WINDOW 12/16/20OZ	URETHANE	COMPOSITE	CLG WALL FLR	NO	NO	5.40	R
DGI	REFILL 17/60/120GAL	URETHANE	COMPOSITE	CLG WALL FLR	NO	YES	6.20	R
DGI	W&C WIDESPRAV 20OZ, 10/20/23LB	URETHANE	COMPOSITE	CLG WALL FLR	NO	NO	4.10	R

* DESCRIPTION OF BRAND CODES:

DGI = DAP GLOBAL INC.

**BHGS - THERMAL INSULATION DIRECTORY
FOAM & SPRAY INSULATION MANUFACTURERS**

Brand Code*	Product ID	Material	Type	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Thermal Performance per Inch	R, K or C Value
DuPont de Nemours Inc. - T 1536					Updated 06/01/2026			
FP	FROTH-PAK	URETHANE	SINGLE MATERIAL	CLG WALL FLR	---	NO	6.00	R
PF	GSP24OZ	URETHANE	SINGLE MATERIAL	CLG WALL FLR	---	NO	3.60	R

* DESCRIPTION OF BRAND CODES:

FP = FROTH-PAK

PF = GSP24OZ

Dynamo Polyurethane Systems LLC - T 1572					Updated 07/08/2026			
DPS	CLIMATEGARD CG2000	URETHANE	SINGLE MATERIAL	CLG WALL FLR	YES	YES	7.10	R
DPS	DYNAMO D50 / CLIMATEGARD CG50	URETHANE	SINGLE MATERIAL	CLG WALL FLR	YES	NO	3.90	R

* DESCRIPTION OF BRAND CODES:

DPS = DYNAMO POLYURETHANE SYSTEMS

Everest Systems, LLC - T 1565					Updated 02/02/2026			
EOCW	OPTICELL 2.0 WALL FOAM	URETHANE	SINGLE MATERIAL	WALL	NO	YES	5.70	R
EOOW	OPTISEAL OC WALL FOAM	URETHANE	SINGLE MATERIAL	WALL	NO	NO	3.70	R
EECW	EVERSOL 2.0 WALL FOAM	URETHANE	SINGLE MATERIAL	WALL	NO	YES	7.00	R

* DESCRIPTION OF BRAND CODES:

EOCW = OPTICELL 2.0 WALL FOAM

EOOW = OPTISEAL OC WALL FOAM

EECW = EVERSOL 2.0 WALL FOAM

Firestable Insulation Company - T 1560					Updated 11/06/2025			
FS	FS 2.0	URETHANE	SINGLE MATERIAL	CLG WALL FLR	YES	YES	5.00	R

* DESCRIPTION OF BRAND CODES:

FS = FIRESTABLE

Franklin International - T 1525					Updated 10/03/2023			
TB	WEATHERMASTER X-TREME FIREBLOCK FOAM SEALANT	URETHANE	COMPOSITE	CLG WALL FLR	NO	NO	4.50	R
TB	WEATHERMASTER X-TREME MULTI-PURPOSE FOAM SEALANT	URETHANE	COMPOSITE	CLG WALL FLR	NO	NO	4.70	R
TB	WEATHERMASTER X-TREME WINDOW & DOOR FOAM SEALANT	URETHANE	COMPOSITE	CLG WALL FLR	NO	NO	4.70	R

* DESCRIPTION OF BRAND CODES:

TB= TITEBOND

General Coatings Manufacturing Corporation - T 1491					Updated 05/18/2026			
ULT	ULTRA-THANE 050	URETHANE	COMPOSITE	CLG WALL FLR	NO	NO	4.20	R
ULT	ULTRA-THANE 205 HFO	URETHANE	COMPOSITE	CLG WALL FLR	NO	YES**	7.60	R
ULT	ULTRA-THANE 205 HFO HIGH LIFT	URETHANE	COMPOSITE	CLG WALL FLR	NO	YES**	7.90	R
ULT	ULTRA-THANE 205 HFO MAX	URETHANE	COMPOSITE	CLG WALL FLR	NO	YES**	7.90	R
ULT	ULTRA-THANE 205 HFO HIGH PREMIUM	URETHANE	COMPOSITE	CLG WALL FLR	NO	YES**	8.10	R
ULT	ULTRA-THANE 230 HFO	URETHANE	COMPOSITE	ROOF DECK	NO	NO	6.90	R
ULT	ULTRA-THANE OCX	URETHANE	COMPOSITE	CLG WALL FLR	YES	NO	3.70	R

BHGS - THERMAL INSULATION DIRECTORY FOAM & SPRAY INSULATION MANUFACTURERS

Brand Code*	Product ID	Material	Type	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Thermal Performance per Inch	R, K or C Value
UPC	UPC-500	URETHANE	COMPOSITE	CLG WALL FLR	NO	NO	4.20	R
UPC	UPC-500 OCX	URETHANE	COMPOSITE	CLG WALL FLR	YES	NO	3.70	R
UPC	UPC 2.0 HFO	URETHANE	COMPOSITE	CLG WALL FLR	NO	YES**	7.60	R
UPC	UPC 2.0 HFO HIGH LIFT	URETHANE	COMPOSITE	CLG WALL FLR	NO	YES**	7.90	R
UPC	UPC 2.0 HFO HIGH MAX	URETHANE	COMPOSITE	CLG WALL FLR	NO	YES**	7.90	R
UPC	UPC 2.0 HFO PREMIUM	URETHANE	COMPOSITE	CLG WALL FLR	NO	YES**	8.10	R

**AT A MINIMUM OF 1.8 INCHES THESE PRODUCTS HAVE A PERM RATING OF 1 OR LESS.

* DESCRIPTION OF BRAND CODES:

ULT = ULTRATHANE

UPC = UNIVERSAL POLYMERS CORPORATION

Green Valley Products, LLC. - T 1566					Updated 01/13/2026			
DPS	DYNAMO CLIMATE GARD 2000	URETHANE	SINGLE MATERIAL	CLG WALL FLR	YES	NO	7.10	R
DPS	DYNAMO D50 OCNM	URETHANE	SINGLE MATERIAL	CLG WALL FLR	YES	NO	3.90	R
GVP	GVP 2.0 HFO	URETHANE	SINGLE MATERIAL	CLG WALL FLR	YES	NO	7.10	R
GVP	GVP PRO 2.0 HFO	URETHANE	SINGLE MATERIAL	CLG WALL FLR	YES	NO	7.10	R
GVP	GVP 500 OCNM	URETHANE	SINGLE MATERIAL	CLG WALL FLR	YES	NO	3.90	R
JMC	JM IV HFO CORBOND CLOSED CELL	URETHANE	SINGLE MATERIAL	CLG WALL FLR	YES	NO	7.10	R
JMC	JM NO MIX OPEN CELL SPF OCNM	URETHANE	SINGLE MATERIAL	CLG WALL FLR	YES	NO	3.90	R

* DESCRIPTION OF BRAND CODES:

DPS = DYNAMO POLYURETHANE SYSTEMS

GVP = GREEN VALLEY PRODUCTS

JMC = JOHNS MANVILLE

Henry A Carlisle Company - T 1228					Updated 02/20/2024			
ACC	PREMIR+ EVO 40	URETHANE	SINGLE MATERIAL	ROOF DECK	NO	YES	6.80	R
ACC	PREMIR+ EVO 60	URETHANE	SINGLE MATERIAL	ROOF DECK	NO	YES	6.80	R
ACC	PREMIR+ EVO 70	URETHANE	SINGLE MATERIAL	ROOF DECK	NO	YES	6.80	R

* DESCRIPTION OF BRAND CODES:

ACC = ACCELLA

Huntsman Building Solutions USA LLC - T 1499					Updated 11/20/2025			
HLH	HEATLOK HFO PRO	URETHANE	SYSTEM	CLG WALL FLR	YES	YES	7.40	R
IC7	ICYNENE CLASSIC 75	URETHANE	SINGLE MATERIAL	CLG WALL FLR	NO	NO	4.00	R
ICY	ICYNENE CLASSIC 45	URETHANE	SINGLE MATERIAL	CLG WALL FLR	NO	NO	3.70	R
IHM	ICYNENE HFO MAX	URETHANE	SYSTEM	CLG WALL FLR	YES	YES	7.50	R
INM	ICYNENE OC NO-MIX	URETHANE	SYSTEM	WALL	NO	NO	3.80	R
IU5	ICYNENE ULTRA 50	URETHANE	SYSTEM	CLG WALL FLR	NO	NO	3.81	R
IXS	ICYNENE XPRESS 55	URETHANE	SYSTEM	CLG WALL FLR	NO	NO	3.66	R

** AT 2.3 INCH THICKNESS

* DESCRIPTION OF BRAND CODES:

HLH = HEATLOK HFO

IC7 = ICYNENE CLASSIC 75

ICY = ICYNENE CLASSIC 45

IHM = ICYNENE HFO MAX

INM = ICYNENE OC NO-MIX

IU5 = ICYNENE ULTRA 50

IXS = ICYNENE XPRESS

**BHGS - THERMAL INSULATION DIRECTORY
FOAM & SPRAY INSULATION MANUFACTURERS**

Brand Code*	Product ID	Material	Type	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Thermal Performance per Inch	R, K or C Value
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ICP Building Solutions Group - T 1540					Updated 03/12/2025			
HF	CV HFO	URETHANE	SYSTEM	CLG WALL FLR	NO	NO	6.40	R
HF	E84 HFO	URETHANE	SYSTEM	CLG WALL FLR	YES**	NO	6.10	R
HF	E84 SPF HFO	URETHANE	SYSTEM	CLG WALL FLR	YES**	NO	6.10	R
AP	FOAM SYSTEM	URETHANE	SYSTEM	CLG WALL FLR	NO	NO	6.44	R
HF	FR HFO	URETHANE	SYSTEM	CLG WALL FLR	NO	NO	6.44	R
HF	HC SEALANTS	URETHANE	SINGLE MATERIAL	CLG WALL FLR	NO	NO	4.70	R
HF	HIGH DENSITY	URETHANE	SYSTEM	ROOF PATCH	NO	NO	5.20	R
HF	OPEN CELL HFO	URETHANE	SYSTEM	CLG WALL FLR	NO	NO	4.40	R

**at Roof/Wall junctures exposed at 2 inch thickness x 6 inch depthxunlimited length.

***-Permeance <1.0 Perm at thickness >= 1.5 in.

****-Per applicable code and testing

* DESCRIPTION OF BRAND CODES:

HF = HANDI-FOAM

AP = APOC

2013 California Building Code Sec. 2603.4.1 and Sec. 2603.1

2013 California Residential Code Sec. R316.5 and Sec. R316.6

ICC Evaluation Service Acceptance Criteria for Spray-applied Insulation (AC377), Appendix X

Johns Manville - T 1468					Updated 11/02/2023			
JMC	JM IV HFO	URETHANE	SYSTEM	CLG WALL FLR	YES*	YES	7.20	R
JMC	JM NO MIX OPEN CELL (NMOC)	URETHANE	SYSTEM	CLG WALL FLR	NO	NO	3.90	R

* Does not need an ignition barrier in unoccupied attics or crawl spaces

* DESCRIPTION OF BRAND CODES:

JMC = JMCCORBOND

Natural Polymers LLC - T 1539					Updated 06/30/2026			
NT	NT0	URETHANE	SYSTEM	CLG WALL FLR	YES****	NO	6.30	R
NT	NT05	URETHANE	SYSTEM	CLG WALL FLR	YES****	NO	3.70	R
NT	NT450	URETHANE	SYSTEM	CLG WALL FLR	NO	NO	3.70	R
NT	NTL	URETHANE	SYSTEM	CLG WALL FLR	YES****	NO	3.70	R
NT	NTPROS	URETHANE	SYSTEM	CLG WALL FLR	YES****	YES**	7.10	R
UP	UPOC	URETHANE	SYSTEM	CLG WALL FLR	YES****	NO	3.80	R
UP	UPCC	URETHANE	SYSTEM	CLG WALL FLR	YES****	YES***	7.20	R

** Less than 1.0 perm at thickness > 1.5 inches

*** Less than 1.0 perm at thickness > 1.1 inches

* DESCRIPTION OF BRAND CODES:

NT=NATURAL-THERM

UP=ULTRA-PURE

****-Per applicable code and testing

2013 California Building Code Sec. 2603.4.1 and Sec. 2603.1

2013 California Residential Code Sec. R316.5 and Sec. R316.6

ICC Evaluation Service Acceptance Criteria for Spray-applied Insulation (AC

**BHGS - THERMAL INSULATION DIRECTORY
FOAM & SPRAY INSULATION MANUFACTURERS**

Brand Code*	Product ID	Material	Type	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Thermal Performance per Inch	R, K or C Value
NCFI Polyurethanes - T 1401					Updated 10/28/2021			
END	NCFI 10-011	POLYURETHANE	SINGLE MATERIAL	ROOF DECK	NO	YES	6.90	R
END	NCFI 10-013	POLYURETHANE	SINGLE MATERIAL	ROOF DECK	NO	YES	6.80	R
END	NCFI 10-016	POLYURETHANE	SINGLE MATERIAL	ROOF DECK	NO	YES	6.10	R
INS	INSULSTAR	POLYURETHANE	SINGLE MATERIAL	CLG WALL FLR	YES	YES	6.80	R
INS	NCFI 11-016	POLYURETHANE	SINGLE MATERIAL	CLG WALL FLR	YES	YES	6.40	R
INS	NCFI 11-033	POLYURETHANE	SINGLE MATERIAL	CLG WALL FLR	YES	YES	6.70	R
INS	NCFI 11-036	POLYURETHANE	SINGLE MATERIAL	CLG WALL FLR	YES	YES	6.90	R
INS	NCFI 11-037	POLYURETHANE	SINGLE MATERIAL	CLG WALL FLR	YES	YES	6.90	R
SEA	NCFI 12-008	POLYURETHANE	SINGLE MATERIAL	CLG WALL FLR	YES	NO	3.80	R
T/I	INSULBLOC	POLYURETHANE	SINGLE MATERIAL	CLG WALL FLR	YES	YES	6.40	R

* DESCRIPTION OF BRAND CODES:

END = ENDURATECH

SEA = SEALITE

INS = INSULSTAR

T/I = THERMALSTOP/INSULBLOC

Polyglass USA - T 1529					Updated 11/14/2023			
PPF	POLYPUF H-1	URETHANE	COMPOSITE	ROOF DECK	NO	NO	6.90	R
PPF	POLYPUF RG	URETHANE	COMPOSITE	ROOF DECK	NO	NO	6.62	R

* DESCRIPTION OF BRAND CODES:

PPF = POLYPUF RG

Quadrant Performance Materials, LLC - T 1553					Updated 05/11/2026			
QPCC	ENVIROSEAL CC PLATINUM MAX	URETHANE	SYSTEM	CLG WALL FLR	YES	YES	7.20	R
QPCC	ENVIROSEAL CC PRO	URETHANE	SYSTEM	CLG WALL FLR	YES	YES	6.90	R
QPOC	ENVIROSEAL OC PLATINUM	URETHANE	SYSTEM	CLG WALL FLR	NO	NO	3.80	R
QPOC	ENVIROSEAL OC PRO	URETHANE	SYSTEM	CLG WALL FLR	NO	NO	3.80	R
QPOX	ENVIROSEAL OCX PLATINUM	URETHANE	SYSTEM	CLG WALL FLR	NO	NO	3.70	R

* DESCRIPTION OF BRAND CODES:

QPCC: QUADRANT PERFORMANCE CLOSED CELL

QPOC: QUADRANT PERFORMANCE OPEN CELL

QPOX: QUADRANT PERFORMANCE OPEN CELL X

Rhino Linings Corporation - T 1490					Updated 11/22/2023			
TGC	THERMAL GUARD CC2 ECO	URETHANE	SINGLE	CLG WALL FLR	NO	YES	6.00	R
TGO	THERMAL GUARD OC 1	URETHANE	SINGLE	CLG WALL FLR	NO	YES	4.70	R
TGO	THERMAL GUARD OC 500	URETHANE	SINGLE	CLG WALL FLR	NO	YES	3.50	R

* DESCRIPTION OF BRAND CODES:

TGC = THERMAL GUARD CLOSED CELL

TGO = THERMAL GUARD OPEN CELL

**BHGS - THERMAL INSULATION DIRECTORY
FOAM & SPRAY INSULATION MANUFACTURERS**

Brand Code*	Product ID	Material	Type	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Thermal Performance per Inch	R, K or C Value
Soudal Accumetric - T 1542					Updated 10/13/2023			
BOS	BOSS2284	URETHANE	SINGLE MATERIAL	WALL	NO	NO	6.10	R
BOS	BOSS2684	URETHANE	SINGLE MATERIAL	WALL	NO	NO	6.10	R
MX2	MAXTWO E84	URETHANE	SINGLE MATERIAL	WALL	NO	NO	6.10	R
MX2	MAXTWO E84XL	URETHANE	SINGLE MATERIAL	WALL	NO	NO	6.10	R

BOS = SOUDAFOAM BOSS
MX2 = SOUDAFOAM MAXTWO E84

SWD Urethane Company - T 1031					Updated 12/28/2021			
SWD	QUIK-SHIELD 100X	URETHANE	SINGLE MATERIAL	CLG WALL FLR	---	NO	3.70	R
SWD	QUIK-SHIELD 104EZ	URETHANE	SINGLE MATERIAL	CLG WALL FLR	---	NO	3.90	R
SWD	QUIK-SHIELD 106	URETHANE	SINGLE MATERIAL	CLG WALL FLR	---	NO	3.70	R
SWD	QUIK-SHIELD 108	URETHANE	SINGLE MATERIAL	CLG WALL FLR	---	NO	3.60	R
SWD	QUIK-SHIELD 144	URETHANE	SINGLE MATERIAL	CLG WALL FLR	---	YES	7.50	R

* DESCRIPTION OF BRAND CODES:
SWD = SOUTHWEST DISTRIBUTING

Tiger Foam Insulation - T 1528					Updated 05/11/2026			
TF	TIGERFOAM FAST RISE	URETHANE	COMPOSITE	CLG WALL FLR	NO	NO	6.00	R
TF	TIGERFOAM OPEN CELL	URETHANE	COMPOSITE	CLG WALL FLR	NO	NO	4.30	R

* DESCRIPTION OF BRAND CODES:
TF = TIGERFOAM

Ultratite Solutions LLC - T 1552					Updated 06/01/2026			
GSP	GREENSEAL 2.5 HFO	URETHANE	SINGLE MATERIAL	ROOF DECK	NO	YES	6.70	R
GSP	GREENSEAL 2.8 HFO	URETHANE	SINGLE MATERIAL	ROOF DECK	NO	YES	6.70	R
GSP	GREENSEAL 3.0 HFO	URETHANE	SINGLE MATERIAL	ROOF DECK	NO	YES	6.70	R
UTS	ULTRATITE 50 OC	URETHANE	SINGLE MATERIAL	ERIOR APPLICATIC	NO	NO	3.70	R
UTS	ULTRATITE 2000	URETHANE	SINGLE MATERIAL	ERIOR APPLICATIC	NO	YES	7.10	R
UTS	ULTRATITE 2000	URETHANE	SINGLE MATERIAL	EXTERIOR WALLS	NO	YES	7.10	R

* DESCRIPTION OF BRAND CODES:
GSP = GREEN SHIELD PRODUCTS
UTS = ULTRATITE SOLUTIONS

BHGS - THERMAL INSULATION DIRECTORY
LOOSE FILL INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Design Density Lbs per Cubic Foot	Labeled Thermal Performance per Inch
Cellulose Fiber Loose Fill								
Applegate Greenfiber Aquisition, LLC - T 1548					Updated 01/24/2025			
GF	ORKIN	CELLULOSE	SINGLE MATERIAL	CLG	YES	NO	1.60	3.65 R
GF	INSTAP	CELLULOSE	SINGLE MATERIAL	CLG	YES	NO	1.60	3.65 R
SP	SANCTUARY DEFENSE	CELLULOSE	SINGLE MATERIAL	CLG WALL FLR	YES	NO	1.50	3.65 R
SANC	SANCTUARY	CELLULOSE	SINGLE MATERIAL	CLG WALL FLR	YES	NO	1.50	3.65 R

* DESCRIPTION OF BRAND CODES:

GF= APPLGATE INSULATION SYSTEMS

SANC = SANCTUARY

SP= SANCTUARY DEFENSE

Mountain Fiber Insulation Inc. - T 1405					Updated 3/19/2009			
MFI	758164000441	CELLULOSE	SINGLE MATERIAL	CLG WALL FLR	YES	NO	1.60	3.70 R

* DESCRIPTION OF BRAND CODES:

MFI = MOUNTAIN FIBER INSULATION

Mineral Fiber Loose Fill								
Certaiteed Corporation - T 1023					Updated 11/12/2025			
CT	INSULSAFE SP	FIBER GLASS	SINGLE MATERIAL	CEILING	YES	NO	0.47	2.55 R
CT	INSULSAFE SP	FIBER GLASS	SINGLE MATERIAL	WALL FLR	NO	NO	1.60	4.00 R
CT	INSULSAFE SP	FIBER GLASS	SINGLE MATERIAL	WALL FLR	NO	NO	2.30	4.24 R
CT	OPTIMA	FIBER GLASS	SINGLE MATERIAL	WALL	NO	NO	1.60	4.06 R
CT	OPTIMA	FIBER GLASS	SINGLE MATERIAL	WALL FLR	NO	NO	2.30	4.2 R
CT	ULTRATHERM	FIBER GLASS	SINGLE MATERIAL	CEILING	YES	NO	0.60	2.35 R

* DESCRIPTION OF BRAND CODES:

CT = CERTAITEED

Johns Manville - T 1039					Updated 6/16/2026			
JM	ATTIC PROTECTOR	FIBER GLASS	SINGLE MATERIAL	CEILING	YES	NO	0.37	2.42 R
JM	B-7704 HIGH DENSITY BLOWING WOOL	FIBER GLASS	SINGLE MATERIAL	CEILING	YES	NO	0.97	2.29 R
JM	B-7714 HIGH DENSITY BLOWING WOOL	FIBER GLASS	SINGLE MATERIAL	CEILING	YES	NO	0.97	2.29 R
JM	CLIMATE PRO BW	FIBER GLASS	SINGLE MATERIAL	CEILING	YES	NO	0.46	2.79 R
JM	CLIMATE PRO MH	FIBER GLASS	SINGLE MATERIAL	CEILING	YES	NO	0.87	3.53 R

*DESCRIPTION OF BRAND CODES:

JM = JOHNS MANVILLE

BHGS - THERMAL INSULATION DIRECTORY
LOOSE FILL INSULATION MANUFACTURERS/PRIVATE LABELS

Brand Code*	Product ID	Material	Type	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Design Density Lbs per Cubic Foot	Labeled Thermal Performance per Inch
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Knauf Insulation - T 1002					Updated 10/27/2025				
KNF	BROWN LABEL	FIBER GLASS	SINGLE MATERIAL	CEILING	YES	NO	0.55	2.40	R
KNF	PERFORMANCE+ ECOFILL	FIBER GLASS	SINGLE MATERIAL	WALL	NO	NO	2.00	4.20	R
KNF	PERFORMANCE+ ECOFILL	FIBER GLASS	SINGLE MATERIAL	CEILING	YES	NO	0.51	2.89	R
KNF	JETSPRAY THERMAL	FIBER GLASS	SINGLE MATERIAL	WALL	NO	NO	2.00	4.00	R
KNF	PERFORMANCE+ JET STREAM ULTRA	FIBER GLASS	SINGLE MATERIAL	WALL	NO	NO	1.80	4.20	R
KNF	PERFORMANCE+ JET STREAM ULTRA	FIBER GLASS	SINGLE MATERIAL	CEILING	YES	NO	0.51	2.89	R
KNF	PERFORMANCE+ MANUFACTURED HOUSING BW	FIBER GLASS	SINGLE MATERIAL	CEILING	YES	NO	0.54	2.96	R
KNF	SUPERCUBE	FIBER GLASS	SINGLE MATERIAL	CEILING	YES	NO	0.52	2.40	R

* DESCRIPTION OF BRAND CODES:

KNF = KNAUF INSULATION

Owens Corning Insulating Systems LLC - T 1428					Updated 08/09/2018				
FG	ATTICAT BLOWN-IN	FIBER GLASS	SINGLE MATERIAL	CEILING	YES	NO	0.48	2.86	R
FG	PROCAT BLOWN-IN	FIBER GLASS	SINGLE MATERIAL	CEILING/WALL	YES	NO	0.48	2.86	R
FG	PROPINK	FIBER GLASS	SINGLE MATERIAL	CEILING	YES	NO	0.48	2.86	R
FG	PROPINK	FIBER GLASS	SINGLE MATERIAL	WALL	YES	NO	1.30	4.00	R
FG	PROPINK	FIBER GLASS	SINGLE MATERIAL	WALL	YES	NO	1.80	4.36	R
FG	PROPINK	FIBER GLASS	SINGLE MATERIAL	ROOF	YES	NO	1.30	4.00	R
FG	THERMAGLAS LF	FIBER GLASS	SINGLE MATERIAL	CEILING	YES	NO	0.68	2.55	R

* DESCRIPTION OF BRAND CODES:

FG = FIBERGLAS

BHGS - THERMAL INSULATION DIRECTORY
WATER HEATER, DUCT, PIPE WRAP
INSULATION MANUFACTURERS

Brand Code	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
Mineral Fiber Water Heater, Duct & Pipe Wrap										
Certainteed Corporation - T 1023						Updated 01/08/2026				
CT	CRIMPWRAP	FIBER GLASS	FACED SINGLE MATERIAL	ASJ	EQUIP/PIPES	YES	YES	1.00	0.24**	K
CT	CRIMPWRAP	FIBER GLASS	FACED SINGLE MATERIAL	ASJ	EQUIP/PIPES	YES	YES	1.50	0.24**	K
CT	CRIMPWRAP	FIBER GLASS	FACED SINGLE MATERIAL	ASJ	EQUIP/PIPES	YES	YES	2.00	0.24**	K
CT	CRIMPWRAP	FIBER GLASS	FACED SINGLE MATERIAL	ASJ	EQUIP/PIPES	YES	YES	2.50	0.24**	K
CT	CRIMPWRAP	FIBER GLASS	FACED SINGLE MATERIAL	ASJ	EQUIP/PIPES	YES	YES	3.00	0.24**	K
CT	CRIMPWRAP	FIBER GLASS	FACED SINGLE MATERIAL	ASJ	EQUIP/PIPES	YES	YES	3.50	0.24**	K
CT	DUCT WRAP-75	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	DUCTS	YES	YES	1.00	2.80	R
CT	DUCT WRAP-75	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	DUCTS	YES	YES	1.50	4.20	R
CT	DUCT WRAP-75	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	DUCTS	YES	YES	2.00	5.60	R
CT	DUCT WRAP-75	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	DUCTS	YES	YES	2.13	6.00	R
CT	DUCT WRAP-75	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	DUCTS	YES	YES	2.25	6.50	R
CT	DUCT WRAP-75	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	DUCTS	YES	YES	2.50	7.10	R
CT	DUCT WRAP-75	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	DUCTS	YES	YES	3.00	8.30	R
CT	DUCT WRAP-75	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	DUCTS	YES	YES	4.00	11.00	R
CT	DUCT WRAP-75	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	DUCTS	YES	YES	4.50	12.00	R
CT	DUCT WRAP-75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	1.00	2.80	R
CT	DUCT WRAP-75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	1.50	4.20	R
CT	DUCT WRAP-75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	2.00	5.60	R
CT	DUCT WRAP-75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	2.13	6.00	R
CT	DUCT WRAP-75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	2.25	6.50	R
CT	DUCT WRAP-75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	2.50	7.10	R
CT	DUCT WRAP-75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	3.00	8.30	R
CT	DUCT WRAP-75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	4.00	11.00	R
CT	DUCT WRAP-75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	4.50	12.00	R
CT	DUCT WRAP-75	FIBER GLASS	VINYL FCD SGL MATERIAL	PLASTIC	DUCTS	YES	YES	1.00	2.80	R
CT	DUCT WRAP-75	FIBER GLASS	VINYL FCD SGL MATERIAL	PLASTIC	DUCTS	YES	YES	1.50	4.20	R
CT	DUCT WRAP-75	FIBER GLASS	VINYL FCD SGL MATERIAL	PLASTIC	DUCTS	YES	YES	2.00	5.60	R
CT	DUCT WRAP-75	FIBER GLASS	VINYL FCD SGL MATERIAL	PLASTIC	DUCTS	YES	YES	2.13	6.00	R
CT	DUCT WRAP-75	FIBER GLASS	VINYL FCD SGL MATERIAL	PLASTIC	DUCTS	YES	YES	2.25	6.50	R
CT	DUCT WRAP-75	FIBER GLASS	VINYL FCD SGL MATERIAL	PLASTIC	DUCTS	YES	YES	2.50	7.10	R
CT	DUCT WRAP-75	FIBER GLASS	VINYL FCD SGL MATERIAL	PLASTIC	DUCTS	YES	YES	3.00	8.30	R
CT	DUCT WRAP-75	FIBER GLASS	VINYL FCD SGL MATERIAL	PLASTIC	DUCTS	YES	YES	4.00	11.00	R
CT	DUCT WRAP-75	FIBER GLASS	VINYL FCD SGL MATERIAL	PLASTIC	DUCTS	YES	YES	4.50	12.00	R
CT	DUCT WRAP-100	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	DUCTS	YES	YES	1.00	3.00	R
CT	DUCT WRAP-100	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	DUCTS	YES	YES	1.50	4.50	R
CT	DUCT WRAP-100	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	DUCTS	YES	YES	2.00	6.00	R
CT	DUCT WRAP-100	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	1.00	3.00	R
CT	DUCT WRAP-100	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	1.50	4.50	R
CT	DUCT WRAP-100	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	2.00	6.00	R
CT	DUCT WRAP-100	FIBER GLASS	VINYL FCD SGL MATERIAL	PLASTIC	DUCTS	YES	YES	1.00	3.00	R
CT	DUCT WRAP-100	FIBER GLASS	VINYL FCD SGL MATERIAL	PLASTIC	DUCTS	YES	YES	1.50	4.50	R
CT	DUCT WRAP-100	FIBER GLASS	VINYL FCD SGL MATERIAL	PLASTIC	DUCTS	YES	YES	2.00	6.00	R
CT	DUCT WRAP-150	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	DUCTS	YES	YES	1.00	3.20	R

BHGS - THERMAL INSULATION DIRECTORY
WATER HEATER, DUCT, PIPE WRAP
INSULATION MANUFACTURERS

Brand Code	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
CT	DUCT WRAP-150	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	DUCTS	YES	YES	1.50	4.80	R
CT	DUCT WRAP-150	FIBER GLASS	FSK FACED SGL MATERIAL	METAL	DUCTS	YES	YES	2.00	6.40	R
CT	DUCT WRAP-150	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	1.00	3.20	R
CT	DUCT WRAP-150	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	1.50	4.80	R
CT	DUCT WRAP-150	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	2.00	6.40	R
CT	DUCT WRAP-150	FIBER GLASS	VINYL FCD SGL MATERIAL	PLASTIC	DUCTS	YES	YES	1.00	3.20	R
CT	DUCT WRAP-150	FIBER GLASS	VINYL FCD SGL MATERIAL	PLASTIC	DUCTS	YES	YES	1.50	4.80	R
CT	DUCT WRAP-150	FIBER GLASS	VINYL FCD SGL MATERIAL	PLASTIC	DUCTS	YES	YES	2.00	6.40	R
CT	TOUGHGARD R DUCT LINER-150	FIBER GLASS	COATED SGL MATERIAL	OTHER	DUCTS	NO	NO	1.00	4.20	R
CT	TOUGHGARD R DUCT LINER-150	FIBER GLASS	COATED SGL MATERIAL	OTHER	DUCTS	NO	NO	1.50	6.00	R
CT	TOUGHGARD R DUCT LINER-150	FIBER GLASS	COATED SGL MATERIAL	OTHER	DUCTS	NO	NO	2.00	8.00	R
CT	TOUGHGARD T DUCT LINER-200	FIBER GLASS	COATED SGL MATERIAL	OTHER	DUCTS	NO	NO	0.50	2.10	R

* DESCRIPTION OF BRAND CODES:

CT = CERTAINTTEED

** Value is determined at 75°F

Johns Manville - T 1039						Updated 06/16/2026				
JM	DIFFUSER BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.00	4.30	R
JM	DIFFUSER BOARD	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.38	6.00	R
JM	DIFFUSER BOARD	FIBER GLASS	FACED SINGLE MATERIAL	FSK	DUCTS	YES	YES	1.00	4.30	R
JM	DIFFUSER BOARD	FIBER GLASS	FACED SINGLE MATERIAL	FSK	DUCTS	YES	YES	1.38	6.00	R
JM	DUCT LINER PM	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	0.50	2.20	R
JM	DUCT LINER PM	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.00	4.20	R
JM	DUCT LINER PM	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.50	6.30	R
JM	DUCT LINER PM	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	2.00	8.00	R
JM	FITTING FAB BOARD	FIBER GLASS	FACED SINGLE MATERIAL	FSK	DUCTS	YES	YES	1.00	4.30	R
JM	FITTING FAB BOARD	FIBER GLASS	FACED SINGLE MATERIAL	FSK	DUCTS	YES	YES	1.50	6.50	R
JM	FITTING FAB BOARD	FIBER GLASS	FACED SINGLE MATERIAL	FSK	DUCTS	YES	YES	2.00	8.70	R
JM	HTB 26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.00	0.26	K
JM	HTB 26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.00	0.26	K
JM	HTB 26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	3.00	0.26	K
JM	HTB 26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	4.00	0.26	K
JM	LINACOUSTIC RC	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	0.50	2.20	R
JM	LINACOUSTIC RC	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.00	4.20	R
JM	LINACOUSTIC RC	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.50	6.30	R
JM	LINACOUSTIC RC	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	2.00	8.00	R
JM	LINACOUSTIC RC	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	3.00	12.00	R
JM	LINACOUSTIC RC-HP	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.00	4.30	R
JM	LINACOUSTIC RC-IG	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	0.50	2.20	R
JM	LINACOUSTIC RC-IG	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.00	4.20	R
JM	LINACOUSTIC RC-IG	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	1.50	6.30	R
JM	LINACOUSTIC RC-IG	FIBER GLASS	COMPOSITE	NONE	DUCTS	YES	NO	2.00	8.00	R
JM	LINACOUSTIC R-300	FIBER GLASS	FACED SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.00	4.30	R
JM	LINACOUSTIC R-300	FIBER GLASS	FACED SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.50	6.30	R

BHGS - THERMAL INSULATION DIRECTORY
WATER HEATER, DUCT, PIPE WRAP
INSULATION MANUFACTURERS

Brand Code	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
JM	LINACOUSTIC R-300	FIBER GLASS	FACED SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	8.70	R
JM	LINACOUSTIC R-300	FIBER GLASS	FACED SINGLE MATERIAL	NONE	DUCTS	YES	NO	3.00	13.00	R
JM	LINACOUSTIC R-300	FIBER GLASS	FACED SINGLE MATERIAL	NONE	DUCTS	YES	NO	4.00	17.40	R
JM	MAD BD 475	FIBER GLASS	FACED SINGLE MATERIAL	FSK	DUCTS	YES	YES	1.00	4.30	R
JM	MAD BD 800	FIBER GLASS	FACED SINGLE MATERIAL	FSK	DUCTS	YES	YES	1.50	6.50	R
JM	MAD BD 800	FIBER GLASS	FACED SINGLE MATERIAL	FSK	DUCTS	YES	YES	2.00	8.70	R
JM	MADSPIRA	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.00	0.23	K
JM	MICRO-FLEX AP/FSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/PIPES	YES	YES	1.00	0.24	K
JM	MICRO-FLEX AP/FSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/PIPES	YES	YES	1.50	0.24	K
JM	MICRO-FLEX AP/FSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/PIPES	YES	YES	2.00	0.24	K
JM	MICRO-FLEX AP/FSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/PIPES	YES	YES	2.50	0.24	K
JM	MICRO-FLEX AP/FSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/PIPES	YES	YES	3.00	0.24	K
JM	MICRO-FLEX AP/FSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/PIPES	YES	YES	3.50	0.24	K
JM	MICRO-FLEX AP/FSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/PIPES	YES	YES	4.00	0.24	K
JM	MICRO-LOK HP	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	1.00	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	1.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	2.00	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	2.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	3.00	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	3.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	4.00	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	4.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	5.00	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	0.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	0.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	1.00	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	1.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	2.00	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	2.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	3.00	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	3.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	4.00	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	4.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	5.00	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	YES	0.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	YES	1.00	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	YES	1.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	YES	2.00	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	YES	2.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	YES	3.00	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	YES	3.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	YES	4.00	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	YES	4.50	0.23	K
JM	MICRO-LOK HP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	YES	5.00	0.23	K

BHGS - THERMAL INSULATION DIRECTORY
WATER HEATER, DUCT, PIPE WRAP
INSULATION MANUFACTURERS

Brand Code	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.25	0.22	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.25	0.23	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.25	0.25	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.25	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.25	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.25	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.38	0.23	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.38	0.25	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.38	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.38	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.38	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.50	0.22	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.50	0.23	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.50	0.25	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.50	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.50	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.50	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.75	0.22	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.75	0.23	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.75	0.25	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.75	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.75	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	0.75	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.00	0.23	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.00	0.25	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.00	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.00	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.00	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.25	0.23	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.25	0.25	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.25	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.25	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.25	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.50	0.23	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.50	0.25	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.50	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.50	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.50	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.75	0.25	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.75	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.75	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	1.75	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.00	0.25	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.00	0.27	K

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JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.00	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.00	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.25	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.25	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.25	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.50	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.50	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.50	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.75	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.75	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	2.75	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	3.00	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	3.00	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	3.00	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	3.25	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	3.25	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	3.25	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	3.50	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	3.50	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	3.50	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	3.75	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	3.75	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	3.75	0.31	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	4.00	0.27	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	4.00	0.29	K
JM	MICROLITE	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PLAS	EQUIP/DUCTS	YES	YES	4.00	0.31	K
JM	MINWOOL®-1200 PIPE	MINERAL WOOL	SINGLE MATERIAL	NONE	PIPE	NO	NO	1.00	0.23**	K
JM	MINWOOL®-1200 PIPE	MINERAL WOOL	SINGLE MATERIAL	NONE	PIPE	NO	NO	1.50	0.23**	K
JM	MINWOOL®-1200 PIPE	MINERAL WOOL	SINGLE MATERIAL	NONE	PIPE	NO	NO	2.00	0.23**	K
JM	MINWOOL®-1200 PIPE	MINERAL WOOL	SINGLE MATERIAL	NONE	PIPE	NO	NO	2.50	0.23**	K
JM	MINWOOL®-1200 PIPE	MINERAL WOOL	SINGLE MATERIAL	NONE	PIPE	NO	NO	3.00	0.23**	K
JM	MINWOOL®-1200 PIPE	MINERAL WOOL	SINGLE MATERIAL	NONE	PIPE	NO	NO	4.00	0.23**	K
JM	MINWOOL®-1200 PIPE	MINERAL WOOL	SINGLE MATERIAL	NONE	PIPE	NO	NO	4.50	0.23**	K
JM	MINWOOL®-1200 PIPE	MINERAL WOOL	SINGLE MATERIAL	NONE	PIPE	NO	NO	5.00	0.23**	K
JM	MINWOOL®-1200 PIPE	MINERAL WOOL	SINGLE MATERIAL	NONE	PIPE	NO	NO	5.50	0.23**	K
JM	MINWOOL®-1200 PIPE	MINERAL WOOL	SINGLE MATERIAL	NONE	PIPE	NO	NO	6.00	0.23**	K
JM	MICROLITE FSK/PSK DUCT WRAP TYPE 75	FIBER GLASS	FACED SINGLE MATERIAL	FSK/PSK	DUCTS	YES	YES	1.50	4.20	R
JM	MICROLITE FSK/PSK DUCT WRAP TYPE 75	FIBER GLASS	FACED SINGLE MATERIAL	FSK/PSK	DUCTS	YES	YES	2.00	5.60	R
JM	MICROLITE FSK/PSK DUCT WRAP TYPE 75	FIBER GLASS	FACED SINGLE MATERIAL	FSK/PSK	DUCTS	YES	YES	2.20	6.00	R
JM	MICROLITE FSK/PSK DUCT WRAP TYPE 75	FIBER GLASS	FACED SINGLE MATERIAL	FSK/PSK	DUCTS	YES	YES	3.00	8.30	R
JM	MICROLITE FSK/PSK DUCT WRAP TYPE 75	FIBER GLASS	FACED SINGLE MATERIAL	FSK/PSK	DUCTS	YES	YES	4.40	12.00	R
JM	MICROLITE FSK/PSK DUCT WRAP TYPE 75	FIBER GLASS	FACED SINGLE MATERIAL	FSK/PSK	DUCTS	YES	YES	5.75	16.00	R
JM	MICROLITE FSK/PSK DUCT WRAP TYPE 75	FIBER GLASS	FACED SINGLE MATERIAL	FSK/PSK	DUCTS	YES	YES	7.00	19.00	R
JM	MICROLITE FSK/PSK DUCT WRAP TYPE 100	FIBER GLASS	FACED SINGLE MATERIAL	FSK/PSK	DUCTS	YES	YES	1.50	5.60	R

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JM	MICROLITE FSK/PSK DUCT WRAP TYPE 100	FIBER GLASS	FACED SINGLE MATERIAL	FSK/PSK	DUCTS	YES	YES	2.00	7.40	R
JM	MICROLITE FSK/PSK DUCT WRAP TYPE 150	FIBER GLASS	FACED SINGLE MATERIAL	FSK/PSK	DUCTS	YES	YES	1.50	6.00	R
JM	MICROLITE FSK/PSK DUCT WRAP TYPE 150	FIBER GLASS	FACED SINGLE MATERIAL	FSK/PSK	DUCTS	YES	YES	2.00	8.00	R
JM	MICROLITE STANDARD DUCT WRAP TYPE 60	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.50	0.31	K
JM	MICROLITE STANDARD DUCT WRAP TYPE 60	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	0.31	K
JM	MICROLITE STANDARD DUCT WRAP TYPE 60	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.20	0.31	K
JM	MICROLITE STANDARD DUCT WRAP TYPE 60	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	3.00	0.31	K
JM	MICROLITE STANDARD DUCT WRAP TYPE 75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.50	0.29	K
JM	MICROLITE STANDARD DUCT WRAP TYPE 75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	0.29	K
JM	MICROLITE STANDARD DUCT WRAP TYPE 75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.20	0.29	K
JM	MICROLITE STANDARD DUCT WRAP TYPE 75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	3.00	0.29	K
JM	MICROLITE STANDARD DUCT WRAP TYPE 100	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.50	0.27	K
JM	MICROLITE STANDARD DUCT WRAP TYPE 100	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	0.27	K
JM	MICROLITE STANDARD DUCT WRAP TYPE 150	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.50	0.25	K
JM	MICROLITE STANDARD DUCT WRAP TYPE 150	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	0.25	K
JM	PRECIPITATOR SG	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.00	0.23	K
JM	PRECIPITATOR SG	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	1.50	0.23	K
JM	PRECIPITATOR SG	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.00	0.23	K
JM	PRECIPITATOR SG	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	2.50	0.23	K
JM	PRECIPITATOR SG	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	3.00	0.23	K
JM	PRECIPITATOR SG	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	YES	NO	4.00	0.23	K
JM	SG SERIES SPIN-GLAS SG22	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.23	K
JM	SG SERIES SPIN-GLAS SG22	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.23	K
JM	SG SERIES SPIN-GLAS SG22	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.23	K
JM	SG SERIES SPIN-GLAS SG22	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.23	K
JM	SG SERIES SPIN-GLAS SG22	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.23	K
JM	SG SERIES SPIN-GLAS SG22	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.23	K
JM	SG SERIES SPIN-GLAS SG22	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.50	0.23	K
JM	SG SERIES SPIN-GLAS SG22	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	4.00	0.23	K
JM	SG SERIES SPIN-GLAS SG23	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.24	K
JM	SG SERIES SPIN-GLAS SG23	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.24	K
JM	SG SERIES SPIN-GLAS SG23	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.24	K
JM	SG SERIES SPIN-GLAS SG23	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.24	K
JM	SG SERIES SPIN-GLAS SG23	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.24	K
JM	SG SERIES SPIN-GLAS SG23	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.24	K
JM	SG SERIES SPIN-GLAS SG23	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.50	0.24	K
JM	SG SERIES SPIN-GLAS SG23	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	4.00	0.24	K
JM	SG SERIES SPIN-GLAS SG24	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.24	K
JM	SG SERIES SPIN-GLAS SG24	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.24	K
JM	SG SERIES SPIN-GLAS SG24	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.24	K
JM	SG SERIES SPIN-GLAS SG24	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.24	K
JM	SG SERIES SPIN-GLAS SG24	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.24	K
JM	SG SERIES SPIN-GLAS SG24	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.24	K
JM	SG SERIES SPIN-GLAS SG24	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.50	0.24	K

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JM	SG SERIES SPIN-GLAS SG24	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	4.00	0.24	K
JM	SG SERIES SPIN-GLAS SG25	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.25	K
JM	SG SERIES SPIN-GLAS SG25	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.25	K
JM	SG SERIES SPIN-GLAS SG25	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.25	K
JM	SG SERIES SPIN-GLAS SG25	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.25	K
JM	SG SERIES SPIN-GLAS SG25	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.25	K
JM	SG SERIES SPIN-GLAS SG25	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.25	K
JM	SG SERIES SPIN-GLAS SG25	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.50	0.25	K
JM	SG SERIES SPIN-GLAS SG25	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	4.00	0.25	K
JM	SG SERIES SPIN-GLAS SG26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.26	K
JM	SG SERIES SPIN-GLAS SG26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.26	K
JM	SG SERIES SPIN-GLAS SG26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.26	K
JM	SG SERIES SPIN-GLAS SG26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.26	K
JM	SG SERIES SPIN-GLAS SG26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.26	K
JM	SG SERIES SPIN-GLAS SG26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.26	K
JM	SG SERIES SPIN-GLAS SG26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.50	0.26	K
JM	SG SERIES SPIN-GLAS SG26	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	4.00	0.26	K
JM	SG SERIES SPIN-GLAS SG28	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.27	K
JM	SG SERIES SPIN-GLAS SG28	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.27	K
JM	SG SERIES SPIN-GLAS SG28	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.27	K
JM	SG SERIES SPIN-GLAS SG28	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.27	K
JM	SG SERIES SPIN-GLAS SG28	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.27	K
JM	SG SERIES SPIN-GLAS SG28	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.27	K
JM	SG SERIES SPIN-GLAS SG28	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.50	0.27	K
JM	SG SERIES SPIN-GLAS SG28	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	4.00	0.27	K
JM	SG SERIES SPIN-GLAS SG30	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.30	K
JM	SG SERIES SPIN-GLAS SG30	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.30	K
JM	SG SERIES SPIN-GLAS SG30	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.30	K
JM	SG SERIES SPIN-GLAS SG30	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.30	K
JM	SG SERIES SPIN-GLAS SG30	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.30	K
JM	SG SERIES SPIN-GLAS SG30	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.30	K
JM	SG SERIES SPIN-GLAS SG30	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.50	0.30	K
JM	SG SERIES SPIN-GLAS SG30	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	4.00	0.30	K
JM	SG SERIES SPIN-GLAS SG32	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.32	K
JM	SG SERIES SPIN-GLAS SG32	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.32	K
JM	SG SERIES SPIN-GLAS SG32	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.32	K
JM	SG SERIES SPIN-GLAS SG32	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.32	K
JM	SG SERIES SPIN-GLAS SG32	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.32	K
JM	SG SERIES SPIN-GLAS SG32	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.32	K
JM	SG SERIES SPIN-GLAS SG32	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.50	0.32	K
JM	SG SERIES SPIN-GLAS SG32	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	4.00	0.32	K
JM	SG SERIES SPIN-GLAS SG34	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	0.50	0.34	K
JM	SG SERIES SPIN-GLAS SG34	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.34	K
JM	SG SERIES SPIN-GLAS SG34	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.34	K

BHGS - THERMAL INSULATION DIRECTORY
WATER HEATER, DUCT, PIPE WRAP
INSULATION MANUFACTURERS

Brand Code	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
JM	SG SERIES SPIN-GLAS SG34	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.34	K
JM	SG SERIES SPIN-GLAS SG34	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.34	K
JM	SG SERIES SPIN-GLAS SG34	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.34	K
JM	SG SERIES SPIN-GLAS SG34	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.50	0.34	K
JM	SG SERIES SPIN-GLAS SG34	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	4.00	0.34	K
JM	SPIN-GLAS WH XG / RANGE-GLAS XG - 1.02 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.26	K
JM	SPIN-GLAS WH XG / RANGE-GLAS XG - 1.02 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.26	K
JM	SPIN-GLAS WH XG / RANGE-GLAS XG - 1.02 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.26	K
JM	SPIN-GLAS WH XG / RANGE-GLAS XG - 1.02 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.26	K
JM	SPIN-GLAS WH XG / RANGE-GLAS XG - 1.02 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.26	K
JM	SPIN-GLAS WH XG / RANGE-GLAS XG - 1.02 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.50	0.26	K
JM	SPIN-GLAS WH XG / RANGE-GLAS XG - 1.02 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	4.00	0.26	K
JM	SPIN-GLAS WH XG / RANGE-GLAS XG - 1.26 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.24	K
JM	SPIN-GLAS WH XG / RANGE-GLAS XG - 1.26 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.24	K
JM	SPIN-GLAS WH XG / RANGE-GLAS XG - 1.26 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.24	K
JM	SPIN-GLAS WH XG / RANGE-GLAS XG - 1.26 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.50	0.24	K
JM	SPIN-GLAS WH XG / RANGE-GLAS XG - 1.26 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	3.00	0.24	K
JM	SPIN-GLAS WH XG / RANGE-GLAS XG - 1.76 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.23	K
JM	SPIN-GLAS WH XG / RANGE-GLAS XG - 1.76 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.23	K
JM	SPIN-GLAS WH XG / RANGE-GLAS XG - 1.76 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.23	K
JM	SPIN-GLAS WH XG / RANGE-GLAS XG - 2.00 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.22	K
JM	SPIN-GLAS WH XG / RANGE-GLAS XG - 2.00 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.22	K
JM	SPIN-GLAS WH XG / RANGE-GLAS XG - 2.00 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.22	K
JM	SPIN-GLAS WH XG / RANGE-GLAS XG - 2.00 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	2.00	0.22	K
JM	SPIN-GLAS WH XG / RANGE-GLAS XG - 2.50 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.00	0.22	K
JM	SPIN-GLAS WH XG / RANGE-GLAS XG - 2.50 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	EQUIPMENT	NO	NO	1.50	0.22	K
JM	SPIRACOUSTIC PLUS	FIBER GLASS	FACED SINGLE MATERIAL	FSK	DUCTS	YES	YES	1.00	4.30	R
JM	SPIRACOUSTIC PLUS	FIBER GLASS	FACED SINGLE MATERIAL	FSK	DUCTS	YES	YES	1.50	6.50	R
JM	SPIRACOUSTIC PLUS	FIBER GLASS	FACED SINGLE MATERIAL	FSK	DUCTS	YES	YES	2.00	8.70	R
JM	SPIRAL SG 75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.00	0.30	K
JM	SPIRAL SG 75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	0.30	K
JM	SPIRAL SG 85	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.00	0.27	K
JM	SPIRAL SG 85	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	0.27	K
JM	SPIRAL SG 100	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.00	0.26	K
JM	SPIRAL SG 100	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	0.26	K
JM	SPIRAL SG 125	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.00	0.25	K
JM	SPIRAL SG 125	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	0.25	K
JM	SPIRAL SG 150	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.00	0.24	K
JM	SPIRAL SG 150	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	0.24	K
JM	SUPERDUCT 475	FIBER GLASS	FACED SINGLE MATERIAL	FSK	DUCTS	YES	YES	1.00	4.30	R
JM	SUPERDUCT 800	FIBER GLASS	FACED SINGLE MATERIAL	FSK	DUCTS	YES	YES	1.50	6.50	R
JM	SUPERDUCT 800	FIBER GLASS	FACED SINGLE MATERIAL	FSK	DUCTS	YES	YES	2.00	8.70	R
JM	ZESTON HI-LO INSULATION INSERTS	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	2.00	0.23	K

* DESCRIPTION OF BRAND CODES:

JM = JOHNS MANVILLE

** @100F

BHGS - THERMAL INSULATION DIRECTORY
WATER HEATER, DUCT, PIPE WRAP
INSULATION MANUFACTURERS

Brand Code	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
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Knauf Insulation - T 1002						Updated 10/27/2025				
KNF	ALLEY-K	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	PIPES	YES	YES	0.50	0.23	K
KNF	ALLEY-K	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	PIPES	YES	YES	1.00	0.23	K
KNF	ALLEY-K	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	PIPES	YES	YES	1.50	0.23	K
KNF	ALLEY-K	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	PIPES	YES	YES	2.00	0.23	K
KNF	ALLEY-K	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	PIPES	YES	YES	2.50	0.23	K
KNF	ALLEY-K	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	PIPES	YES	YES	3.00	0.23	K
KNF	ALLEY-K	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	PIPES	YES	YES	3.50	0.23	K
KNF	ALLEY-K	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	PIPES	YES	YES	4.00	0.23	K
KNF	ALLEY-K	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	PIPES	YES	YES	4.50	0.23	K
KNF	ALLEY-K	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	PIPES	YES	YES	5.00	0.23	K
KNF	ALLEY-K	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	PIPES	YES	YES	5.50	0.23	K
KNF	ALLEY-K	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	PIPES	YES	YES	6.00	0.23	K
KNF	ALLEY WRAP FCD .75 PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	1.50	4.20	R
KNF	ALLEY WRAP FCD .75 PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	2.00	5.60	R
KNF	ALLEY WRAP FCD .75 PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	2.50	7.00	R
KNF	ALLEY WRAP FCD .75 PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	3.00	8.40	R
KNF	ALLEY WRAP FCD 1.0 PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	1.50	4.50	R
KNF	ALLEY WRAP FCD 1.0 PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	2.00	6.00	R
KNF	ALLEY WRAP FCD 1.5 PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	1.50	4.80	R
KNF	ALLEY WRAP FCD 1.5 PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	2.00	6.40	R
KNF	ALLEY WRAP PLN .75 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.50	4.20	R
KNF	ALLEY WRAP PLN .75 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	5.60	R
KNF	ALLEY WRAP PLN 1.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.50	4.50	R
KNF	ALLEY WRAP PLN 1.0 PCF	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	6.00	R
KNF	DTWP FCD .75PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	1.50	4.20	R
KNF	DTWP FCD .75PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	2.00	5.60	R
KNF	DTWP FCD .75PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	2.19	6.00	R
KNF	DTWP FCD .75PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	2.50	7.00	R
KNF	DTWP FCD .75PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	3.00	8.40	R
KNF	DTWP FCD .75PCF	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	DUCTS	YES	YES	1.50	4.20	R
KNF	DTWP FCD .75PCF	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	DUCTS	YES	YES	2.00	5.60	R
KNF	DTWP FCD .75PCF	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	DUCTS	YES	YES	3.00	8.40	R
KNF	DTWP FCD 1.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	1.50	4.50	R
KNF	DTWP FCD 1.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	2.00	6.00	R
KNF	DTWP FCD 1.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	DUCTS	YES	YES	1.50	4.50	R
KNF	DTWP FCD 1.0PCF	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	DUCTS	YES	YES	2.00	6.00	R
KNF	DTWP FCD 1.5PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	1.00	3.20	R
KNF	DTWP FCD 1.5PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	1.50	4.80	R
KNF	DTWP FCD 1.5PCF	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	2.00	6.40	R
KNF	DTWP FCD 1.5PCF	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	DUCTS	YES	YES	1.50	4.80	R
KNF	DTWP FCD 1.5PCF	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	DUCTS	YES	YES	2.00	6.40	R
KNF	DTWP PLN .75PCF	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.00	2.80	R
KNF	DTWP PLN .75PCF	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.50	4.20	R
KNF	DTWP PLN .75PCF	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	5.60	R

**BHGS - THERMAL INSULATION DIRECTORY
WATER HEATER, DUCT, PIPE WRAP
INSULATION MANUFACTURERS**

Brand Code	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
KNF	DTWP PLN .75PCF	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.19	6.00	R
KNF	DTWP PLN .75PCF	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.50	7.00	R
KNF	DTWP PLN .75PCF	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.50	7.00	R
KNF	DTWP PLN .75PCF	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	3.00	8.40	R
KNF	DTWP PLN 1.0PCF	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.50	4.50	R
KNF	DTWP PLN 1.0PCF	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	6.00	R
KNF	DTWP VIN .75PCF	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	DUCTS	YES	YES	1.50	4.20	R
KNF	DTWP VIN .75PCF	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	DUCTS	YES	YES	2.00	5.60	R
KNF	DTWP VIN .75PCF	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	DUCTS	YES	YES	3.00	8.40	R
KNF	PERFORMANCE+ EARTHWOOL 1000°	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	PIPES	YES	YES	0.50	0.23	K
KNF	PERFORMANCE+ EARTHWOOL 1000°	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	PIPES	YES	YES	1.00	0.23	K
KNF	PERFORMANCE+ EARTHWOOL 1000°	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	PIPES	YES	YES	1.50	0.23	K
KNF	PERFORMANCE+ EARTHWOOL 1000°	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	PIPES	YES	YES	2.00	0.23	K
KNF	PERFORMANCE+ EARTHWOOL 1000°	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	PIPES	YES	YES	2.50	0.23	K
KNF	PERFORMANCE+ EARTHWOOL 1000°	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	PIPES	YES	YES	3.00	0.23	K
KNF	PERFORMANCE+ EARTHWOOL 1000°	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	PIPES	YES	YES	3.50	0.23	K
KNF	PERFORMANCE+ EARTHWOOL 1000°	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	PIPES	YES	YES	4.00	0.23	K
KNF	PERFORMANCE+ EARTHWOOL 1000°	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	PIPES	YES	YES	4.50	0.23	K
KNF	PERFORMANCE+ EARTHWOOL 1000°	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	PIPES	YES	YES	5.00	0.23	K
KNF	PERFORMANCE+ EARTHWOOL 1000°	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	PIPES	YES	YES	5.50	0.23	K
KNF	PERFORMANCE+ EARTHWOOL 1000°	FIBER GLASS	FACED SINGLE MATERIAL	PAPER	PIPES	YES	YES	6.00	0.23	K

* DESCRIPTION OF BRAND CODES:

KNF = KNAUF INSULATION

M-D Building Products Inc - T 1120					Updated 11/19/2024					
MD	04929	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	0.50	1.70	R
MD	04937	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	0.50	1.70	R

* DESCRIPTION OF BRAND CODES:

MD = M-D BUILDING PRODUCTS

Owens Corning Insulating Systems LLC - T 1428					Updated 09/28/2018					
FG	COMML WRAP T 75	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	1.50	4.20	R
FG	COMML WRAP T 75	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	2.00	5.60	R
FG	COMML WRAP T 75	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	3.00	8.30	R
FG	COMML WRAP T 100	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	1.50	4.50	R
FG	COMML WRAP T 100	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	2.00	6.00	R
FG	COMML WRAP T 150	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	1.50	4.80	R
FG	COMML WRAP T 150	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	2.00	6.40	R
FG	DUCTWRAP	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	1.50	4.20	R
FG	DUCTWRAP	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	2.00	5.60	R
FG	DUCTWRAP	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	2.20	6.00	R
FG	DUCTWRAP	FIBER GLASS	FACED SINGLE MATERIAL	METAL	DUCTS	YES	YES	3.00	8.30	R
FG	FDM TYPE-PFT	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	1.00	0.29	K
FG	FDM TYPE-PFT	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	1.25	0.29	K
FG	FDM TYPE-PFT	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	1.50	0.29	K

BHGS - THERMAL INSULATION DIRECTORY
WATER HEATER, DUCT, PIPE WRAP
INSULATION MANUFACTURERS

Brand Code	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
FG	FDM TYPE-PFT	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	1.75	0.29	K
FG	FDM TYPE-PFT	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	2.00	0.29	K
FG	FDM TYPE-PFT	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	2.25	0.29	K
FG	FDM TYPE-PFT	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	NO	NO	2.50	0.29	K
FG	FLEXWRAP-FRK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	EQUIP/PIPES	YES	YES	1.00	0.23	K
FG	FLEXWRAP-FRK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	EQUIP/PIPES	YES	YES	1.50	0.23	K
FG	FLEXWRAP-FRK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	EQUIP/PIPES	YES	YES	2.00	0.23	K
FG	FLEXWRAP-FRK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	EQUIP/PIPES	YES	YES	2.50	0.23	K
FG	FLEXWRAP-FRK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	EQUIP/PIPES	YES	YES	3.00	0.23	K
FG	FLEXWRAP-PSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	EQUIP/PIPES	YES	YES	1.00	0.23	K
FG	FLEXWRAP-PSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	EQUIP/PIPES	YES	YES	1.50	0.23	K
FG	FLEXWRAP-PSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	EQUIP/PIPES	YES	YES	2.00	0.23	K
FG	FLEXWRAP-PSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	EQUIP/PIPES	YES	YES	2.50	0.23	K
FG	FLEXWRAP-PSK	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	EQUIP/PIPES	YES	YES	3.00	0.23	K
FG	PIPE AND TANK - ASJ	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	EQUIP/PIPES	YES	YES	0.50	0.26	K
FG	PIPE AND TANK - ASJ	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	EQUIP/PIPES	YES	YES	1.00	0.26	K
FG	PIPE AND TANK - ASJ	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	EQUIP/PIPES	YES	YES	1.50	0.26	K
FG	PIPE AND TANK - ASJ	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	EQUIP/PIPES	YES	YES	2.00	0.26	K
FG	PIPE AND TANK - ASJ	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	EQUIP/PIPES	YES	YES	2.50	0.26	K
FG	PIPE AND TANK - ASJ	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	EQUIP/PIPES	YES	YES	3.00	0.26	K
FG	PIPE AND TANK - ASJ	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	EQUIP/PIPES	YES	YES	3.50	0.26	K
FG	PIPE AND TANK - ASJ MAX	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	EQUIP/PIPES	YES	YES	0.50	0.26	K
FG	PIPE AND TANK - ASJ MAX	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	EQUIP/PIPES	YES	YES	1.00	0.26	K
FG	PIPE AND TANK - ASJ MAX	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	EQUIP/PIPES	YES	YES	1.50	0.26	K
FG	PIPE AND TANK - ASJ MAX	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	EQUIP/PIPES	YES	YES	2.00	0.26	K
FG	PIPE AND TANK - ASJ MAX	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	EQUIP/PIPES	YES	YES	2.50	0.26	K
FG	PIPE AND TANK - ASJ MAX	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	EQUIP/PIPES	YES	YES	3.00	0.26	K
FG	PIPE AND TANK - ASJ MAX	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	EQUIP/PIPES	YES	YES	3.50	0.26	K
FG	PIPE INSUL -ASJ MAX-SSL MAX	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	0.50	0.25	K
FG	PIPE INSUL -ASJ MAX-SSL MAX	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	1.00	0.25	K
FG	PIPE INSUL -ASJ MAX-SSL MAX	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	1.50	0.25	K
FG	PIPE INSUL -ASJ MAX-SSL MAX	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	2.00	0.25	K
FG	PIPE INSUL -ASJ MAX-SSL MAX	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	2.50	0.25	K
FG	PIPE INSUL -ASJ MAX-SSL MAX	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	3.00	0.25	K
FG	PIPE INSUL -ASJ MAX-SSL MAX	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	3.50	0.25	K
FG	PIPE INSUL -ASJ MAX-SSL MAX	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	4.00	0.25	K
FG	PIPE INSUL -ASJ MAX-SSL MAX	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	4.50	0.25	K
FG	PIPE INSUL -ASJ MAX-SSL MAX	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	5.00	0.25	K
FG	PIPE INSUL -ASJ MAX-SSL MAX	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	5.50	0.25	K
FG	PIPE INSUL -ASJ MAX-SSL MAX	FIBER GLASS	FACED SINGLE MATERIAL	MTL/PPR	PIPES	YES	YES	6.00	0.25	K
FG	PIPE INSUL -NO WRAP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	0.50	0.25	K
FG	PIPE INSUL -NO WRAP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	1.00	0.25	K
FG	PIPE INSUL -NO WRAP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	1.50	0.25	K
FG	PIPE INSUL -NO WRAP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	2.00	0.25	K
FG	PIPE INSUL -NO WRAP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	2.50	0.25	K
FG	PIPE INSUL -NO WRAP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	3.00	0.25	K
FG	PIPE INSUL -NO WRAP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	3.50	0.25	K

BHGS - THERMAL INSULATION DIRECTORY
WATER HEATER, DUCT, PIPE WRAP
INSULATION MANUFACTURERS

Brand Code	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applications?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Performance	R, K or C Value
FG	PIPE INSUL -NO WRAP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	4.00	0.25	K
FG	PIPE INSUL -NO WRAP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	4.50	0.25	K
FG	PIPE INSUL -NO WRAP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	5.00	0.25	K
FG	PIPE INSUL -NO WRAP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	5.50	0.25	K
FG	PIPE INSUL -NO WRAP	FIBER GLASS	SINGLE MATERIAL	NONE	PIPES	YES	NO	6.00	0.25	K
FG	R-4.3 WATER HTR	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	WTR HTR	YES	YES	1.25	4.30	R
FG	R-4.8 WATER HTR	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	WTR HTR	YES	YES	1.50	4.80	R
FG	R-6.9 WATER HTR	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	WTR HTR	YES	YES	2.00	6.90	R
FG	U DUCT WRAP T 50	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.50	3.60	R
FG	U DUCT WRAP T 50	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	4.80	R
FG	U DUCT WRAP T 50	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	3.00	7.30	R
FG	U DUCT WRAP T 75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.00	2.60	R
FG	U DUCT WRAP T 75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.50	3.90	R
FG	U DUCT WRAP T 75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	5.20	R
FG	U DUCT WRAP T 75	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	3.00	7.80	R
FG	U DUCT WRAP T100	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.00	2.80	R
FG	U DUCT WRAP T100	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.50	4.20	R
FG	U DUCT WRAP T100	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	2.00	5.60	R
FG	U DUCT WRAP T150	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.00	3.00	R
FG	U DUCT WRAP T150	FIBER GLASS	SINGLE MATERIAL	NONE	DUCTS	YES	NO	1.50	4.50	R
FG	WATER HEATER TOP	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	WTR HTR	YES	YES	2.00	---	---
FG	WTRHTRKIT-CAL ED	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	WTR HTR	YES	YES	1.75	5.60	R
FG	WTRHTRKIT-R 5.2	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	WTR HTR	YES	YES	1.50	5.20	R
FG	WTRHTRKIT R 6.4	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	WTR HTR	YES	YES	2.00	6.40	R
FG	WTRHTRKIT R 12	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	WTR HTR	YES	YES	4.00	12.00	R

* DESCRIPTION OF BRAND CODES:
FG = FIBERGLAS

Silvercote - T 1557						Updated 06/30/2023				
GBP	WATER HEATER	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	WTR HTR	YES	NO	2.00	0.31	K
GBP	WATER HEATER	FIBER GLASS	FACED SINGLE MATERIAL	PLASTIC	WTR HTR	YES	NO	3.00	0.30	K

* DESCRIPTION OF BRAND CODES:
GBP = GBP SILVERCOTE

Polyisocyanurate Water Heater, Duct & Pipe Wrap										
Johns Manville - T 1341						Updated 01/14/2021				
JM	XSPECT® ISOFOAM APF BOARD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	EQUIP/DUCT	NO	YES	0.50	2.70	R
JM	XSPECT® ISOFOAM APF BOARD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	EQUIP/DUCT	NO	YES	1.00	6.00	R
JM	XSPECT® ISOFOAM APF BOARD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	EQUIP/DUCT	NO	YES	1.50	9.30	R
JM	XSPECT® ISOFOAM APF BOARD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	EQUIP/DUCT	NO	YES	2.00	13.00	R
JM	XSPECT® ISOFOAM APF BOARD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	EQUIP/DUCT	NO	YES	2.50	16.00	R
JM	XSPECT® ISOFOAM APF BOARD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	EQUIP/DUCT	NO	YES	3.00	19.00	R
JM	XSPECT® ISOFOAM APF BOARD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	EQUIP/DUCT	NO	YES	3.50	22.00	R
JM	XSPECT® ISOFOAM APF BOARD	ISOCYANURATE	FACED SINGLE MATERIAL	METAL FOIL	EQUIP/DUCT	NO	YES	4.00	26.00	R

* DESCRIPTION OF BRAND CODES:
JM = JOHNS MANVILLE

BHGS - THERMAL INSULATION DIRECTORY WATER HEATER, DUCT, PIPE WRAP INSULATION MANUFACTURERS										
Brand Code	Product ID	Material	Type	Facing	Primary Use	Designed for Exposed Applica- tions?	Acts as a Vapor Retarder? (Class I / II)	Labeled Product Thickness Inches	Labeled Thermal Perform- ance	R, K or C Value