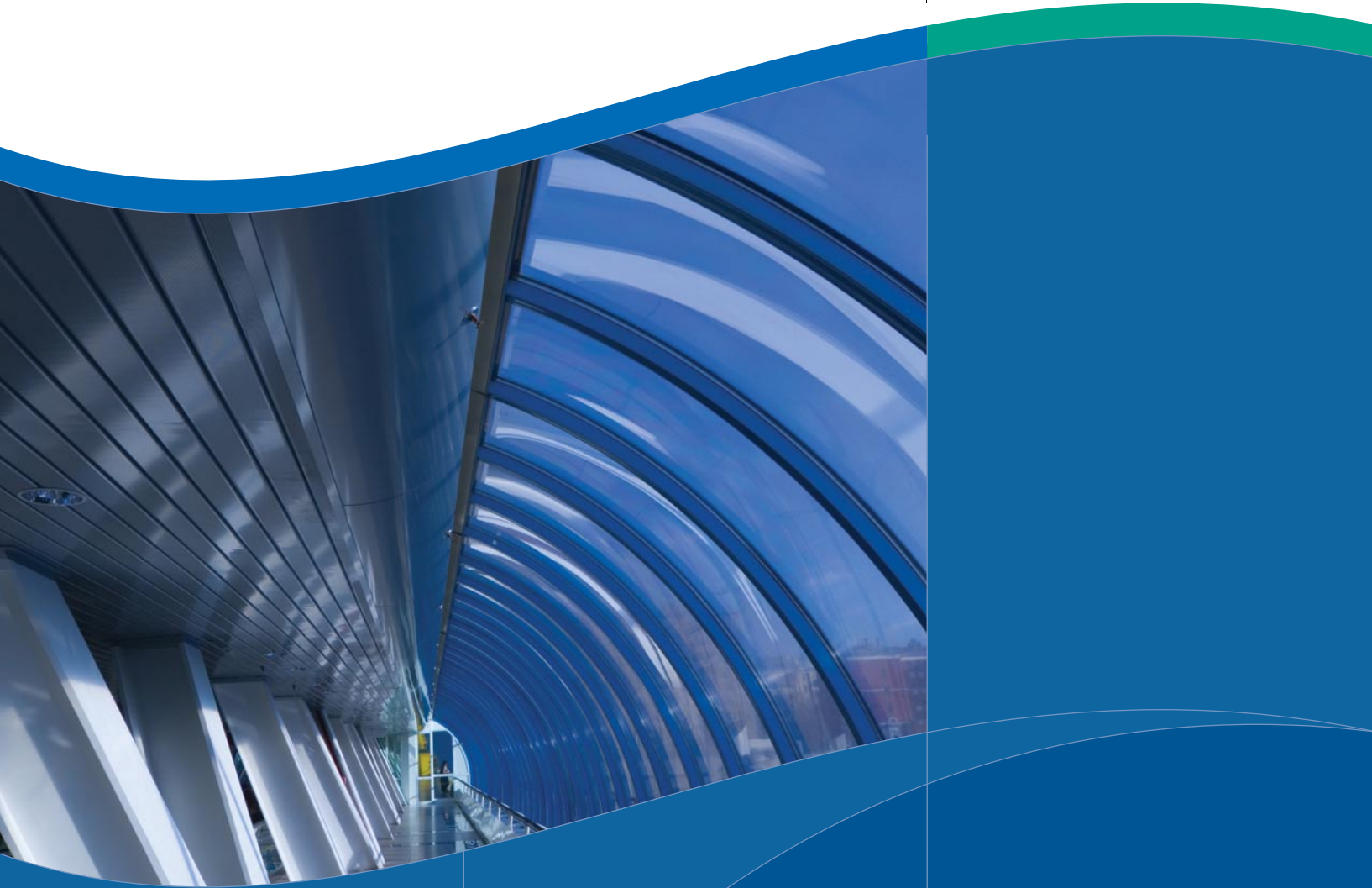




Fiber Glass Insulation



Pipe & Equipment Insulations
Product Selection Guide

	Icon Key
	Thermal
	Acoustical
	Fire Resistance
	Moisture Control
	Formaldehyde-free™ products for improved indoor air quality

For more information, visit us at
specJM.com



800 Series Spin-Glas®
Fiber Glass Duct and Equipment Insulation



Spin-Glas®
Fiber Glass Board Insulation



HTB 26 Spin-Glas®
Fiber Glass Blanket Insulation



DESCRIPTION

This fiber glass insulation board is designed for use on equipment in commercial and industrial HVAC, power, and process applications.

Operating Temperature Limit:
0°F to 450°F (-18°C to +232°C)

1000 Series Spin-Glas®
A semi-rigid board used for insulating furnaces, boilers, heated vessels, ducts, tanks, and other systems operating at medium to high temperatures.

Operating Temperature Limit: 850°F (454°C)

Precipitator Spin-Glas®
A semi-rigid board specifically designed for insulating precipitators, ducts, and breechings in power generation plants.

Operating Temperature Limit: 850°F (454°C)

A lightweight insulating blanket specifically designed for insulating irregular surfaces.

Operating Temperature Limit: 1000°F (538°C)

AVAILABILITY

Type	Density		Thickness	
	pcf	kg/m ³	in.	mm
812	1.50	24	1½-4	38-102
813	2.25	36	1½-4	38-102
814	3.00	48	1-4	25-102
815	4.25	68	1-2½	25-64
817	6.00	96	1-2	25-51

800 Series Spin-Glas is available plain or faced with an AP or FSK vapor retarder jacketing.

	1000 Series Spin-Glas (Boards)	
	in.	mm
Thickness	1-4 (½" inc.)	25-102 (13 mm inc.)
Width	24, 48	610, 1219
Length	48, 96	1219, 2438

	Precipitator Spin-Glas (Boards)	
	in.	mm
Thickness	1-4 (½" inc.)	25-102 (13 mm inc.)
Width	12, 24	305, 610
Length	48, 96	1219, 2438

	HTB 26 Spin-Glas (Rolls)	
	in.	mm
Thickness	1, 1½, 2, 3, 4	25, 38, 51, 76, 102
Width	24, 36, 48	610, 914, 1219
Length	◆	◆

◆ Length determined by thickness.

PERFORMANCE CHARACTERISTICS

**THERMAL CONDUCTIVITY ("k")
(ASTM C 177 AND C 518)**

Type	Mean Temperature	
	75°F	(24°C)
812	0.24*	0.035**
813	0.23*	0.033**
814	0.23*	0.033**
815	0.22*	0.032**
817	0.22*	0.032**

*Btu•in/(hr•ft²•°F) ** W/m • °C

**THERMAL CONDUCTIVITY ("k")
(ASTM C 177 AND C 518)**

Type	Mean Temperature	
	75°F	(24°C)
1000 SSG	0.23*	0.033**
Precipitator SG	0.23*	0.033**

*Btu•in/(hr•ft²•°F) ** W/m • °C

**THERMAL CONDUCTIVITY ("k")
(ASTM C 177 AND C 518)**

Type	Mean Temperature	
	75°F	(24°C)
HTB	0.26*	0.037**

*Btu•in/(hr•ft²•°F) ** W/m • °C

SPECIFICATION COMPLIANCE

ASTM C 612 Type 1A and 1B
• (813, 814, 815, 817)
ASTM C 553, Type III
• (812 Only)
ASTM C 795
ASTM C 1136
• Type I – AP Facing
• Type II – AP and FSK Facing
ASTM E 84, UL 723, NFPA 255
FHC 25/50, NFPA 90A and 90B
HH-I-558C, Form B, Type I, Class 7
• (812, 813, 814, 815)
MIL-1-24244C
NRC 1.36
Canada: CGSB 51-GP-10M
CAN/ULC S102-M88

ASTM C 612, Type II
ASTM C 795
ASTM E 84, FHC 25/50
ASTM E 136 (Noncombustible)
MIL-I-24244C
MIL-I-22023D, Type I and II, Class 6
USCG 164.009
NRC 1.36
CAN/51-GP-10M

ASTM C 612, Type II
ASTM C 795
ASTM E 84, FHC 25/50
ASTM E 136 (Noncombustible)
HH-I-558C, Form B, Type I, Class 8
• Up to 850°F (454°C)
MIL-I-24244C
USCG 164.009
NRC 1.36
CAN/51-GP-10M

ASTM C 553, Type V
ASTM C 1139, Type I, Grade 2
ASTM C 795
ASTM E 84, FHC 25/50
ASTM E 136 (Noncombustible)
HH-I-558C, Form B, Type I, Class 8
MIL-I-22023D, Type I, Class 3
MIL-I-24244C
USCG 164.009
NRC 1.36
CAN/51-GP-11M