



FIBREX TANK & PIPE FABRICATION BOARD

PRODUCT DESCRIPTION

FibreX Tank & Pipe Fabrication Board is a resin bonded, basalt rock fibrous insulation board product. Tank & Pipe Fabrication Board is specifically designed and manufactured to provide the superior machining characteristics required by producers of bias-cut and faced tank & piped wrap products. Tank & Pipe Fabrication Board provides superior physical integrity during rigorous fabrication processes. Tank & Pipe Fabrication Board may be applied to surfaces operating from -120°F to a maximum of 1,000°F.

FEATURES

- Superior thermal conductivity
- Wide range of service temperatures
- Low in-service shrinkage (0% at 1,050°F (551°C))
- Light weight
- Minimal fabrication dust
- Good compressive strength
- Non-wicking
- Easy to fabricate

PHYSICAL PROPERTIES

Nominal density	4.0 lb./cu.ft.
75°F mean	.25
100°F mean	.26
200°F mean	.33
400°F mean	.52
600°F mean	.81
Service Temperature Range	-120°F to 1,000°F
Nominal Density (per ASTM C-612-83)	4.0 lb./cu. ft.
Flame spread (E-84)	5
Smoke Developed (E-84)	0
Fuel Contributed (E-84)	0
Moisture Absorption	<1%
Does not promote corrosion of metallic surfaces	
Does not promote fungi or bacterial growth	
Non-wicking	

PACKAGING

Standard Package Quantity - contact customer service
 Standard Package - Heat-shrink poly
 Standard Sizes - 2" thickness 24" x 48"
 3" or 4" thickness x 36" x 48"
 Non-standard sizes and packaging are available.
 Please inquire as to non-standard pricing and availability.

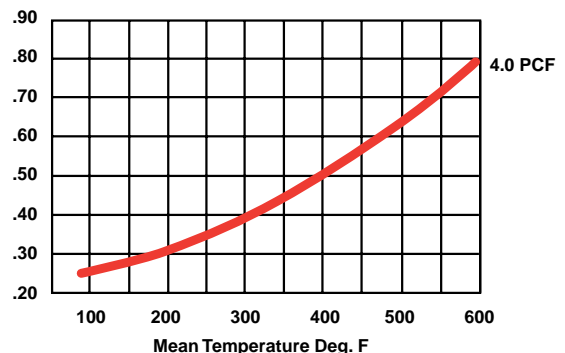
NOTES

- 1) Adequate vapour barrier finish must be provided for application to systems operating below ambient temperatures.
 - 2) Orders for material requiring certification of testing, i.e. NRC 1.36, are to be considered SPECIAL ORDERS and require special pricing.
- Thermal conductivity data given is for TANK & PIPE FABRICATION BOARD. Thermal performance of a bias-sawn tank or pipe insulation will differ substantially.

BENEFITS

- Maximum prevention of heat loss
- Continuous service (-120°F to 1,000°F)
- Less potential for gaps forming at joints from elevated operating temperatures
- Minimum labour
- Cleaner to handle
- Tough, durable finished product
- Negligible water damage
- Maximize machine time yields

THERMAL CONDUCTIVITY (ASTM C177)



TEST METHOD & SPECIFICATION COMPLIANCE

ASTM C-795-92
 ASTM C-612
 ASTM C-177
 NRC 1.36
 Fed. Spec. HH-I-558B
 MIL-I-24244B

FibreX Insulations, Inc.
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FBX FABRICATION BOARD

PRODUCT DESCRIPTION

FibreX Fabrication Board is a resin bonded, basalt rock fibrous insulation board product. Fabrication Board is specifically designed and manufactured to provide the superior machining characteristics required by fabricated pipe fitting and specialty item insulation producers. Fabrication Board provides superior physical integrity during rigorous fabrication processes. Fibrex Fabrication Board may be applied to surfaces operating from -120°F to a maximum of 1,200°F.

FEATURES

- Superior thermal conductivity
- Wide range of service temperatures
- Low in-service shrinkage (0% at 1,050°F (551°C))
- Light weight
- Minimal fabrication dust
- Good compressive strength
- Non-wicking
- Easy to fabricate

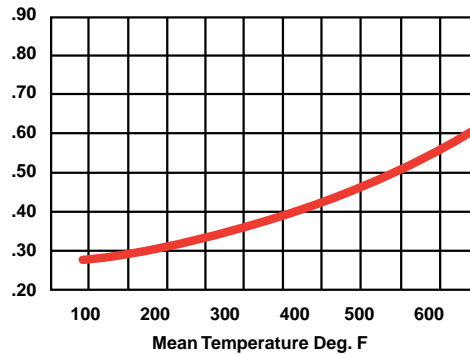
BENEFITS

- Maximum prevention of heat loss
- Continuous service (-120°F to 1,200°F)
- Less potential for gaps forming at joints from elevated operating temperatures
- Minimum labour
- Cleaner to handle
- Tough, durable finished product
- Negligible water damage
- Maximize machine time yields

PHYSICAL PROPERTIES

Nominal density	8.0 lb./cu.ft.
75°F mean	.23
100°F mean	.25
200°F mean	.30
400°F mean	.44
600°F mean	.52
Service Temperature Range	-120°F to 1,200°F
Nominal Density (per ASTM C-612-83)	8 lb./cu. ft.
Flame spread (E-84)	10
Smoke Developed (E-84)	0
Moisture Absorption	<1%
Does not promote corrosion of metallic surfaces	
Does not promote fungi or bacterial growth	
Non-wicking	

THERMAL CONDUCTIVITY (k) (per ASTM C177)



PACKAGING

Standard Package Quantity - contact customer service
 Standard Package - Heat-shrink poly
 Standard Sizes - 4" thickness 36" x 48"
 Non-standard sizes and packaging are available.
 Please inquire as to non-standard pricing and availability.

TEST METHOD & SPECIFICATION COMPLIANCE

ASTM C-795-92
 ASTM C-612
 ASTM C-177
 NRC 1.36
 Fed. Spec. HH-I-558B
 MIL-I-24244B

NOTES

- 1) Adequate vapour barrier finish must be provided for application to systems operating below ambient temperatures.
- 2) Heat-up cycling is required during initial system start up for applications exceeding 500°F operating temperatures. Initial heating should not exceed 500°F for one hour. Progressive heating should be accomplished at the rate of 50°F per half hour until maximum operating temperatures are reached.
- 3) Orders for material requiring certification of testing, i.e. NRC 1.36, are to be considered SPECIAL ORDERS.

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