



General Product Information:

Multi-Flex™ MF mineral fiber pipe and tank insulation is produced using a semi rigid board, cut into strips and then laminated to a FSK, ASJ or black mat facing. Mineral fiber insulation is manufactured using basalt rock and slag. This combination results in a non-combustible product with a high melting point which gives excellent fire resistance properties. Mineral wool is a water repellent, yet vapor permeable material. This is a versatile product with excellent compressive strength.

Description & Common Applications:

Multi-Flex™ MF is ideal for round applications such as large diameter piping, ductwork, tanks, boilers & vessels. Multi-Flex™ MF has excellent acoustic properties and is well suited for applications that require sound absorption. This product is a flexible faced industrial mineral wool insulation that is lightweight, water repellent, fire resistant and sound absorbent.

Fire Performance:		
CAN4 S114	Test for Non-Combustibility	Non-Combustible
ASTM E 84 (UL 723)	Surface Burning Characteristics	Flame Spread – Passed / Smoke Developed - Passed
CAN/ULC S102	Surface Burning Characteristics	Flame Spread – Passed / Smoke Developed - Passed

Maximum Service Temperature:

ASTM C 411 Hot Surface Performance 1200°F(650°C)

Dimensional Stability:

ASTM C 356 Linear Shrinkage 1.30% @ 1200°F(650°C)

Moisture Resistance:

ASTM C 1104 Moisture Sorption 0.01%

Thermal Resistance:

ASTM C 518 (C 177)	R-value/inch @ 75°F	4.2 hr.ft ² .F/Btu***
	RSI value/25.4 mm @ 24°C	0.74 m ² K/W

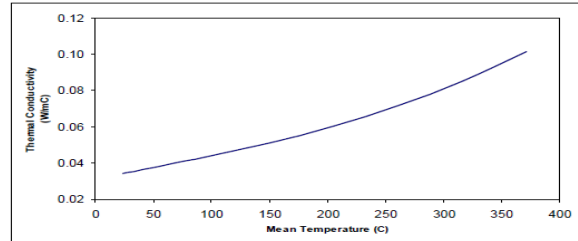
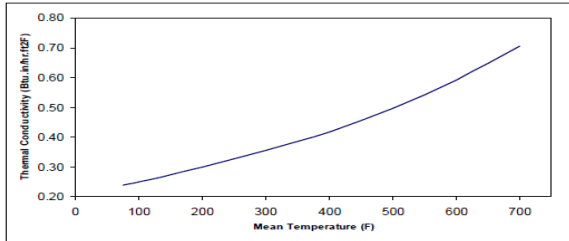
Corrosive Resistance:

ASTM C 665

Corrosiveness to Steel

Pass

ASTM C 795 **** Stainless Steel Stress Corrosion Specification as per Test Methods C871 and C692: U.S. Nuclear Regulatory Commission, Reg. Guide #1.36: U.S. Military Specifications MIL-I-24244 (all versions including B and C)

**Temperature Limitation:**

Multi-Flex™ MF has a maximum service temperature of 1200°F (650°C) as long as the outer insulation surface temperature is below 150°F (65°C). For applications above 1200°F (650°C), please contact Multi-Glass Insulation Ltd.

Available Facing:

- Black fibrous glass scrim for single and multi-layer applications
- Reinforced foil facing for single layer applications
- White, reinforced glass scrim all service jacket

Key Application Qualifiers:

- Flexibility
- Non-combustibility
- Low moisture sorption
- Fire resistant
- Excellent thermal resistance
- Does not promote growth of fungi or mildew
- CFC and HCFC free product and process
- Made from natural and recycled materials

Available sizes

Thickness	Width	Length
1" (25mm)	48" (1.22m)	40' (12.19m)
1.5" (38mm)	48" (1.22m)	30' (9.15m)
2" (51mm)	48" (1.22m)	23' (7.01m)
2.5" (64mm)	48" (1.22m)	20' (6.1m)
3" (76mm)	48" (1.22m)	20' (6.1m)

Multi-Glass Insulation Ltd. has no control over installation design and workmanship, accessory materials or application conditions. Multi-Glass Insulation Ltd. does not guarantee the performance or results of any installation containing these products. Multi-Glass Insulation Ltd.'s overall liability and the remedies available are limited by the general terms and conditions of sale. This warranty is in lieu of all other warranties and conditions expressed or implied, including the warranties of merchantability and fitness for a particular purpose.

For more information:
Multi-Glass Insulation
610 Hanlan Road
Woodbridge Ontario
L4L 4Y1
877-822-0635

Last revision: January 1, 2022