

## Data Sheet

Mineral wool fabricated pipe and fittings insulation is made from felted mineral wool bonded with a high temperature binder. The resulting product is precisely fabricated to fit NPS and tube sizes for both commercial and industrial applications. The temperature range is from -20°F (-29°C) to 1200°F (649°C).

### Properties:

- Water repellent
- Dimensionally (thermally) stable
- High impact resistance
- Fire resistant
- Excellent sound properties
- Excellent thermal resistance
- Non-corrosive
- Chemically inert
- Mold resistant
- 8 lb. density



### Thermal Conductivity per ASTM C335

Mean Temperature °F (°C)	Btu.in/hr.ft <sup>2</sup> .°F (W/m°C)
100°F (38°C)	0.25 (0.037)
200°F (93°C)	0.31 (0.045)
300°F (149°C)	0.37 (0.053)
400°F (204°C)	0.43 (0.062)
500°F (260°C)	0.50 (0.072)
600°F (316°C)	0.58 (0.084)
700°F (371°C)	0.69 (0.099)

Compliance and Performance	Value	Test Method
Mineral Fiber Pipe	Type I,II,IV Grade A	ASTM C547
Dimensional Standards	Complies	ASTM C585
Thermal Performance	Passes	ASTM C335
Maximum Service Temperature	1200°F	ASTM C447
Sag Resistance	Passes	ASTM C411
Linear Shrinkage	<1%	ASTM C356
Surface Burning Characteristics	Flame <25 Smoke <50	ASTM E84 CAN/ULC S102
Combustibility	Non-combustible	ASTM E136 / ISO 1182 / CAN4 S114
Water Vapor Sorption	<1% by Weight	ASTM C1104
Water Absorption	≤0.04 lb/ft <sup>2</sup> (≤0.2 kg/m <sup>2</sup> )	EN13472
Corrosion Resistance	Passes	ASTM C795 ASTM C692
Chemical Analysis	Results fall within acceptable range	ASTM C795 ASTM C871
Corrosion of Steel	Passes	ASTM C665
Funghi Resistance	Does not promote growth	ASTM C1338

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TS0202VIIRev21