



**General Product Information:**

Multi-Roc 1200™ pipe insulation is manufactured using rockwool mineral fiber insulation, precision cut on our automated CNC. It can be used nude or laminated to an 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 melting point of approximately 2150°F (1177°C) 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.

Our fabricating technology allows consistent manufacturing of insulation to strict specifications allowing for the best thermal performance possible.

**Description & Common Applications:**

Multi-Roc 1200™ is ideal for round applications such as piping and ductwork. Multi-Roc 1200™ has excellent acoustic properties and is well suited for applications that require sound absorption. This product is a durable industrial mineral wool pipe insulation that is lightweight, water repellent, fire resistant and sound absorbent.

**Compliance and Performance:**

ASTM C547-07

Mineral Fiber Pipe Insulation

Type III A

ASTM E136 / E133	Behavior of Materials at 750°C (1382°F)	Non-Combustible
CAN4 S114	Test for Non-Combustibility	Non-Combustible
ASTM E84 (UL 723)	Surface Burning Characteristics	Flame/Smoke -25/50
CAN/ULC S102	Surface Burning Characteristics	Flame/Smoke -25/50

### Maximum Service Temperature:

ASTM C411

Hot Surface Performance

In Compliance with  
ASTM C612 @ 1200°F(650°C)

### Dimensional Stability:

ASTM C356

Linear Shrinkage

<0.4% @ 1200°F(650°C)

### Moisture Resistance:

ASTM C1104

Moisture Sorption

0.01%

### Corrosive Resistance:

ASTM C665

Corrosiveness to Steel

Passed

ASTM C795 \*\*\*\*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)

### Dimensions:

ASTM C585

Passed

### Fungi Resistance:

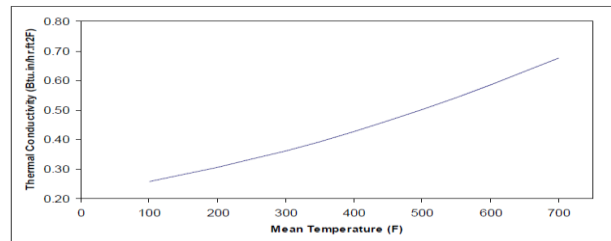
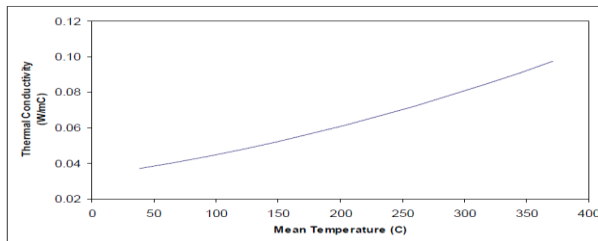
ASTM C1338

Passed

### Thermal Conductivity:

ASTM C335

Single point per mean temp: 38°C, 93°C, 149°C, 204°C, 260°C, 316°C, 371°C



### Temperature Limitation:

Multi-Roc 1200™ FSK and ASJ have a maximum service temperature of 1200°F (650°C) as long as the outer insulation surface temperature is below 150°F (65°C). Multi-Roc 1200™ Glass Mat has a maximum service temperature of 1200°F (650°C) as long as the outer insulation surface temperature is below 1000°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:

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

---

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.