MINWOOL-1200® PREFORMED PIPE INSULATION

MinWool-1200 Preformed (PF) pipe insulation is made of inorganic fibers derived from basalt, a volcanic rock, with thermosetting resin binder. Advanced manufacturing technology ensures consistent product quality, with high fiber density and low shot content, for excellent performance in thermal control and fire resistance applications. PF pipe insulation is a factory “V” grooved mineral wool board formed to specific pipe sizes and provided in half cylinder sections with a variety of facing options.

ADVANTAGES

**Thermal Performance.** Good thermal conductivity values help maximize control of heat loss, contributing to reduced operating costs and greater energy savings.

**Light Weight, Low Dust, Protected Outer Surface.** Easy to handle and fabricate, Lamella Tank Wrap insulation is easy to cut with a knife. Clean handling properties and factory applied facers help reduce skin irritation and minimize job cleanup time and expense.

**Mold Resistant.** MinWool-1200 PF pipe insulation does not support the growth of fungi.

APPLICATIONS

MinWool-1200 Preformed pipe insulation is produced to fit NPS & tubing sizes for commercial and industrial applications at temperatures ranging from ambient to 1200°F (650°C). This formed pipe insulation is easily fabricated, cutting cleanly and easily with a knife. Very low in-service shrinkage helps prevent gaps from forming at joints, preventing costly thermal leaks. The insulation is designed to be factory or field jacketed. It may be installed directly on hot surfaces; system shutdown and staged heat-up are not required.

AVAILABLE FORMS AND SIZES

**Standard Thicknesses**
- Single Layer- 1” thick up to 4” thick
- Double Layer- Over 4” thick in ½” increments
- Sizes range from ½” to 36” pipe sizes
- Available in iron and copper tubing sizes

**Sectional**
- Pipe Diameter ½”-2 ½” in thicknesses 1” to 4”
- Pipe Diameter 3”- 4” in thickness of 1”

**VGroove**
- Pipe Diameter 3”- 4” in thicknesses 2”- 4”
- Pipe Diameter 5” to 36” in thicknesses 1” - 4”

**Facings Available**
- No facing offered on pipe sizes ½” through 2 ½”
- For 1” Thickness, no facing on ½ “ through 4” pipe sizes
- Standard is fiberglass mat
- Available with ASJ/SSL (self sealing lap)

**LINEAR SHRINKAGE AFTER 24 HRS. AT TEMPERATURE**

<table>
<thead>
<tr>
<th>Temperature (°F)</th>
<th>Temperature (°C)</th>
<th>Shrinkage (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1050</td>
<td>566</td>
<td>0</td>
</tr>
<tr>
<td>1200</td>
<td>649</td>
<td>&lt;2</td>
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</tbody>
</table>

**SPECIFICATION COMPLIANCE**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Compliance</th>
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</thead>
<tbody>
<tr>
<td>ASTM C447 Maximum Service Temperature</td>
<td>1200°F (650°C)</td>
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<tr>
<td>ASTM C547 Material Specification</td>
<td>Complies</td>
</tr>
<tr>
<td>ASTM C585 Dimensions of Pipe Insulation</td>
<td>Passes</td>
</tr>
<tr>
<td>ASTM C1335 Shot Content</td>
<td>&lt;25%</td>
</tr>
<tr>
<td>ASTM E84 Surface Burning Characteristics</td>
<td>Flame Spread - 25 Smoke Developed - 50 or less</td>
</tr>
<tr>
<td>Recovery after 10% Compression</td>
<td>100%</td>
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</tbody>
</table>
Technical specifications as shown in this literature are intended to be used as general guidelines only. Please refer to the Safety Data Sheet and product label prior to using this product. The physical and chemical properties of the MinWool-1200® Preformed Pipe Insulation listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Any references to numerical flame spread or smoke developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions. Check with the Regional Sales Office nearest you for current information.

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