MinWool-1200 Mitered Fittings

MinWool-1200 Mitered Fittings are 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. These mitered and bonded fittings are for standard short and long radius and non-standard radius sweep elbows found in normal piping schemes. Fittings are manufactured from MinWool-1200 Preformed Pipe Insulation and mitered into precision segments. The segments are adhered with adhesive, for ease of installation following the MICA National Commercial and Industrial Insulation Standards.

THE 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, MinWool-1200 mitered fittings are 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 Mitered Fittings does not support the growth of fungi.

APPLICATIONS

Mitered fittings are produced to fit NPS pipe sizes and copper tubing sizes for commercial and industrial applications at temperatures ranging from ambient to 1200°F (650°C). 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.

ADDITIONAL INFORMATION AND SDS

Please visit our website at www.jm.com/industrial

CUSTOMER SERVICE, TECHNICAL & GENERAL INFORMATION (800) 866-3234

AVAILABLE FORMS AND SIZES

**Standard Thicknesses:**
- Single Layer - 1" thick up to 4" thick
- Double Layer - Over 4" thick in ½" increments

Sizes available up to a 72" IPS but vary by thickness
Available in NPS pipe sizes and copper tubing sizes

**Facings Available:**
- Sizes ½” through 2” are supplied with no facing
- Sizes 2.5” and above are supplied with a fiberglass mat facing
Other facings available include ASJ and FSK
MinWool-1200® Mitered Fittings
High-Temperature Insulation

THERMAL CONDUCTIVITY

<table>
<thead>
<tr>
<th>Mean Temperature °F</th>
<th>75</th>
<th>100</th>
<th>200</th>
<th>300</th>
<th>400</th>
<th>500</th>
<th>600</th>
<th>700</th>
</tr>
</thead>
<tbody>
<tr>
<td>°C</td>
<td>24</td>
<td>38</td>
<td>93</td>
<td>149</td>
<td>204</td>
<td>260</td>
<td>316</td>
<td>371</td>
</tr>
<tr>
<td>Btu in/(hr<em>ft²</em>°F)</td>
<td>.23</td>
<td>.25</td>
<td>.30</td>
<td>.37</td>
<td>.44</td>
<td>.53</td>
<td>.62</td>
<td>.73</td>
</tr>
<tr>
<td>W/m*°C</td>
<td>.034</td>
<td>.036</td>
<td>.044</td>
<td>.053</td>
<td>.064</td>
<td>.076</td>
<td>.090</td>
<td>.104</td>
</tr>
</tbody>
</table>

* MinWool-1200 Mitered Fittings Insulation as tested in accordance with ASTM C518.

PRODUCT CERTIFICATION

When ordering material to comply with any government specification or any other listed specification, a statement of that fact must appear on the purchase order. Government regulations and other listed specifications require specific lot testing, and prohibit the certification of compliance after shipment has been made. There may be additional charges associated with specification compliance testing. Please refer to IND-CSP-3 for Certification Procedures and Charges. Call customer service for more information.

QUALITY STATEMENT

Industrial Insulation Group products are designed, manufactured and tested to strict quality standards in our own facilities. This along with third party auditing is your assurance that this product delivers consistent high quality.

CUSTOMER SERVICE
TECHNICAL & GENERAL INFORMATION
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