MINWOOL-1200® FIELD-FORMED PIPE INSULATION

MinWool-1200 Field-Formed Pipe insulation is a water-repellent mineral wool insulation 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. Field-Formed pipe insulation is a factory “V” grooved mineral wool board with a unique pressure sensitive contact adhesive in the grooves and is manufactured to specific pipe sizes with a variety of facing options. It ships flat in 4 mil plastic and allows for easy forming at the job site.

ADVANTAGES

Water-Repellent. MinWool-1200 Field-Formed Pipe Insulation is water-repellent to help mitigate the risk of water intrusion. MinWool-1200 Field-Formed insulation performs in accordance with BS EN 13472, absorbing less than 0.35 kg/m² of water during water absorption tests at temperatures up to 425°F (218°C).

Ships Flat. Packaged flat in 4 mil plastic for some weather protection (see guide spec), freight efficiency and storage space utilization.

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, Field-Formed pipe 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. Field-Formed pipe insulation does not support the growth of fungi.

APPLICATIONS

Field-Formed pipe insulation is 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). 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.

AVAILABLE FORMS AND SIZES

Standard Thicknesses
Single Layer- 1½” thick up to 4” thick.
Double Layer- Over 4” thick in ½” increments.
Sizes range from 2½” to 72” pipe sizes.
Available in NPS pipe sizes and copper tubing sizes.

Facings Available
Sizes ½” through 2” are supplied in routine half sections with no facing. Sizes 2 ½” and above are supplied with a fiberglass mat facing. Other facings available include ASJ.

Linear Shrinkage After 24 Hours at Temperature

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Shrinkage</th>
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<tbody>
<tr>
<td>°F</td>
<td>°C</td>
</tr>
<tr>
<td>1050</td>
<td>566</td>
</tr>
<tr>
<td>1200</td>
<td>649</td>
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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® Field-Formed 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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