PRODUCT DESCRIPTION

Rigid PVC jacketing film for insulation is a special rigid PVC film devoted to modern and aesthetic jacketing of insulated pipes. They are applicable for quick and easy covering of insulated pipes placed indoor protected against direct sunlight. Due to its rolling effect it is an easily useable material for rapid covering. In this application one of the most important requirements is to be resistant to damaging environmental effects.

CHARACTERISTICS

• The PVC film is self-extinguishing by its nature. Depending on customer requirements we produce normal and low inflammable types of this film.
• Acid-, alkali-, salt solution-, fat-, oil-, bacterium- and fungus-resistance.
• Excellent physical features, such as flexibility and elasticity.
• Resistance to temperature changes. Stability between 20°C and 70°C in internal use.
• No special care or maintenance required due to antistatic components.
• Colour: according to the requirements of our customers (light grey).
• Surface: smooth with dull finish on one side.

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>1.36-1.38 g/cm³</td>
</tr>
<tr>
<td>Thickness</td>
<td>0.25-0.5 mm</td>
</tr>
<tr>
<td>Thickness tolerance</td>
<td>± 0.02 mm</td>
</tr>
<tr>
<td>Width</td>
<td>700-1400 mm</td>
</tr>
<tr>
<td>Width tolerance</td>
<td>± 2 mm</td>
</tr>
<tr>
<td>Tensile strength</td>
<td>min. 40 N/mm² (DIN 53455)</td>
</tr>
<tr>
<td>Breaking strength</td>
<td>min. 25 N/mm² (DIN 53455)</td>
</tr>
<tr>
<td>Young modulus</td>
<td>ca. 2000 N/mm² (DIN 53455)</td>
</tr>
<tr>
<td>Elongation at break</td>
<td>20-40 % (DIN 53455)</td>
</tr>
<tr>
<td>Charpy impact banding strength at</td>
<td>17 KJ/m² 23 °C-on (DIN 53453)</td>
</tr>
<tr>
<td>Vicat softening point</td>
<td>75°C (DIN 53460)</td>
</tr>
<tr>
<td>Shore D rigidity</td>
<td>78 Sho (DIN 53505)</td>
</tr>
</tbody>
</table>

The specification of our product will be conforming to the new EC standard of PVC jacketing film for insulation.

APPROVALS

These products conform to all relevant requirements of the building industry as approved by the ‘Deutsches Institut für Bautechnik’ (German National Board of Building Industry). Also, a number of successful test results have been achieved in many West-European countries according to their own requirements.