**Type of material:** Black closed-cell flexible elastomeric foam (FEF).

**Product range:**
- Tubes in pipe sections and coils with thicknesses from 6 to 32 mm and diameters from 10 to 114 mm.
- Sheets in rolls (also in a self-adhesive version) with thicknesses from 6 to 32 mm.
- Tapes with a thickness of 3 mm.

**Fields of application:** Thermal insulation of refrigeration, air-conditioning and heating & plumbing services in commercial, industrial and domestic applications, and solar thermal systems working at high temperatures.

**Operating temperature range:**
- EN 13468
- EN 12667/EN ISO 8497
- EN 14706/EN 14707

**Thermal conductivity λ:**
- At a mean temperature of +40 °C ≤0.042 W/m·K

**Water absorption:**
- EN 13477/EN ISO 8497

**Fire performance:**
- European standard

**Ozone resistance:**
- Excellent

**UV resistance:**
- Excellent

**Antimicrobial behaviour:**
- Meets test requirements

**Corrosion risk:**
- Meets test requirements

**Storage conditions/shelf life:**
- Store the material in a dry and clean environment at a temperature between 0 °C and 35 °C, and a RH between 50% and 70%. Do not expose the material to heat or direct sunlight before installing. Tapes and self-adhesive sheets should not be kept in storage for more than one year.

**Physiological properties**

<table>
<thead>
<tr>
<th>PHYSICAL PROPERTIES</th>
<th>RESULT OBTAINED</th>
<th>TEST METHOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating temperature range*</td>
<td>Tubes -45 °C +150 °C</td>
<td>EN 14706/EN 14707</td>
</tr>
<tr>
<td>Thermal conductivity λ</td>
<td>≤0.042 W/m·K</td>
<td>EN 12667/EN ISO 8497</td>
</tr>
<tr>
<td>At a mean temperature of +40 °C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water absorption</td>
<td>≤0.1 kg/m²</td>
<td>EN 13472/EN 1609</td>
</tr>
<tr>
<td>Fire performance European standard</td>
<td>E</td>
<td>EN 13501-1</td>
</tr>
<tr>
<td>Ozone resistance</td>
<td>Excellent</td>
<td>ISO 7326</td>
</tr>
<tr>
<td>UV resistance</td>
<td>Excellent</td>
<td>UNI ISO 4892-2</td>
</tr>
<tr>
<td>Antimicrobial behaviour</td>
<td>Meets test requirements</td>
<td>AATCC test method 30-2004</td>
</tr>
<tr>
<td>Corrosion risk</td>
<td>Meets test requirements</td>
<td>EN 13468</td>
</tr>
</tbody>
</table>

* NB: for applications at lower temperatures please contact our technical department.

For information regarding the chemical resistance of the product please consult the specific technical documentation.

For self-adhesive sheets and tapes are available adhesives with operating temperatures up to +100 °C and +140 °C.

**System 3 CE Marking** in accordance with the European Standard EN 14304.

All the normatives quoted in this document are updated to the latest issued versions.

Union Foam S.p.A. reserves the right to modify any information at any time without prior notice.