NU-PHEN PHENOLIC FOAM:

Anglitemp's Nu-Phen is a closed cell, thermally efficient rigid foam, based on phenolic resins and containing no CFCs.

Cut to accurate dimensions on CNC equipment, Nu-Phen meets industry requirements for OD's and wall thicknesses.

### General Information

**Temperature Tolerances**

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>-50°C</td>
<td></td>
</tr>
<tr>
<td>110°C</td>
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</tbody>
</table>

**Availability:**

Nu-Phen is available as pipe sections, radiussed and bevelled lags, and flat or slotted slabs. It can be fabricated to meet specific requirements, e.g. pipe bends, multi-layer systems, vessel dome ends, and (in HD format foam) pipe supports.

**Product Application**

Applied to pipework, ducting and vessels across a wide range of temperatures, Nu-Phen meets industry standards for fire rating and smoke emission, whilst the closed-cell structure ensures excellent water vapour resistance and thermal efficiency.

Anglitemp manufactures its products under ISO9001 & ISO14001 accredited procedures.

The above information is a summary of typical performance under test conditions and due to variables on site should not be regarded as a form of product guarantee.

Additional information on this range of products can be obtained from our Sales Department.

### Typical Product Performance

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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<tbody>
<tr>
<td>Density</td>
<td>40kg/m³</td>
</tr>
<tr>
<td>Thermal Conductivity</td>
<td>0.025 W/mK (EN12667)</td>
</tr>
<tr>
<td>Service Temperatures</td>
<td>-50 to +110°C</td>
</tr>
<tr>
<td>Compressive Strength (EN 826)</td>
<td>&gt;110 Kpa (Perpendicular) &gt;150 Kpa (Parallel)</td>
</tr>
<tr>
<td>Closed Cell Content (EN ISO 4590)</td>
<td>&gt; 90%</td>
</tr>
<tr>
<td>Fire Rating</td>
<td>B -S1, d0 (EN 13501-1)</td>
</tr>
</tbody>
</table>

### Applications

- Hospitals, prisons and schools
- Hotels and offices
- Food manufacturing
- Breweries and dairies
- Pharmaceutical plants
- Student living accommodation
- Air conditioning
- Refrigeration
- Clean / computer rooms
- Heating and ventilation

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