Vikotherm™ S1 sets a new standard in insulation performance based on advanced, non-syntactic silicone technology. Vikotherm™ S1 does not rely on glass microspheres giving it improved joint strength, increased heat capacity, long-term flexibility and resistance to hydrostatic collapse. It cures at room temperature without exposure to air with zero shrinkage.

Effective insulation of subsea structures helps maintain flow rates, optimize productivity, reduce processing costs and provide an optimum defence against wax and hydrate formations. Vikotherm™ S1 is just one of the subsea thermal insulation solutions within the Trelleborg Vikotherm™ range.

Vikotherm™ S1 Benefits:
- Increased thermal and hydrolytic stability
- Improved thermal conductivity and heat capacity
- Extremely flexible and resistant to cracking
- Superior joint strength

Vikotherm™ S1 Features:
- Operating temperature range from -40°C to +135°C / -40°F to 275°F
- Tensile strength +5MPa
- Low thermal conductivity
- High elongations +300%

Vikotherm™ S1 is typically applied over anticorrosion coatings, using specialized application equipment.
Apply Vikotherm™ S1 on:
- Subsea trees
- Manifolds
- Pipeline end manifolds (PLEMs)
- Pipeline end terminations (PLETs)
- Jumpers and spool pieces
- Flange connections
- Insulation covers
- Dog houses
- Risers and flow lines

Trelleborg – a global provider of subsea thermal insulation solutions

In today’s extreme subsea environments, optimum performance and complete reliability are of paramount importance. Trelleborg brings both world-class material technology and experience of the world’s most challenging subsea environments to your project. Vikotherm™ S1 is Trelleborg’s commitment to helping you ensure optimal high pressure and high temperature flow performance.

<table>
<thead>
<tr>
<th>Products</th>
<th>Temperature limit hot/wet (°C/°F)</th>
<th>Depth limit (m/ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vikotherm™ R2</td>
<td>155 / 311</td>
<td>3,000 / 9,843</td>
</tr>
<tr>
<td>Vikotherm™ S1</td>
<td>135 / 275</td>
<td>3,000 / 9,843</td>
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<tr>
<td>Vikotherm™ E2</td>
<td>100 / 212</td>
<td>2,000 / 6,562</td>
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<tr>
<td>Vikotherm™ P7</td>
<td>90 / 194</td>
<td>7,000 / 22,966</td>
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<tr>
<td>Vikotherm™ E1</td>
<td>90 / 194</td>
<td>2,000 / 6,562</td>
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<tr>
<td>Vikotherm™ PT</td>
<td>90 / 194</td>
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<tr>
<td>Vikotherm™ G3</td>
<td>60 / 140</td>
<td>1,800 / 5,905</td>
</tr>
</tbody>
</table>

Contact us today
If you need additional information on Vikotherm™ S1, our dedicated and highly trained staff are on hand to provide you with seamless process support from initial idea through to delivery and beyond.

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