

## Vikothersm™ S1

# The benchmark for wet insulation systems

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

Vikothersm™ S1 sets a new standard in insulation performance based on advanced, non-syntactic silicone technology. Vikothersm™ 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.

Vikothersm™ S1 is typically applied over anticorrosion coatings, using specialized application equipment.

### **Vikothersm™ S1 Benefits:**

- Increased thermal and hydrolytic stability
- Improved thermal conductivity and heat capacity
- Extremely flexible and resistant to cracking
- Superior joint strength

### **Vikothersm™ 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%



### 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.

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

### 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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