

Vikothersm™ R2

# 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™ R2 is just one of the subsea thermal insulation solutions within the Trelleborg Vikothersm™ range.**

Vikothersm™ R2, a rubber based subsea thermal insulation, has 30 years of experience built in. The system combines flexibility and robustness and gives protection for the lifespan of subsea installations. Our state of the art technology is designed to perform in extreme environments.

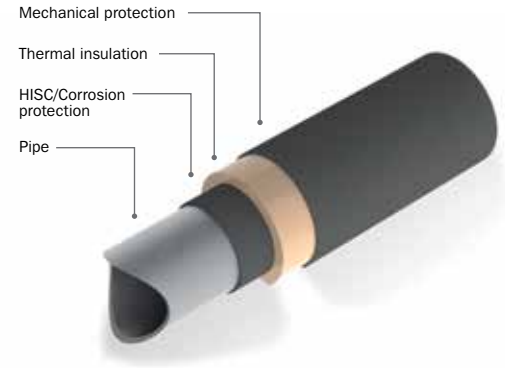
The three layer coating system provides HISC / corrosion protection and excellent thermal insulation properties. The system is seawater, impact and creep resistant.

#### Vikothersm™ R2 Benefits:

- Flexible and robust
- Unlimited coating thickness to meet any U-value requirement
- Hydrolysis resistant
- Good adhesion to metallic and non-metallic materials
- Excellent corrosion and HISC protection
- High specific heat capacity

#### Vikothersm™ R2 Features:

- Operating temperature range from -49°C to +155°C / -56°F to 311°F
- High elongation at break > 200%
- Thermal shock resistant
- Elastomeric system
- Low density systems < 800 kg/m<sup>3</sup>
- Suitable for hot wet applications up to 155°C
- Inner layer provides corrosion / HISC protection



### Apply Vikotherm™ R2 on:

- Jumpers and spool pieces
- Tie in spools
- Manifolds
- Subsea XMT
- Risers and flow lines
- Pipeline end manifolds (PLEMs)
- Pipeline end terminations (PLETs)
- Joints
- Horizontal & Vertical Connection Systems (HCS & VCS )
- Insulation covers
- Dog houses
- Flange connections

### Contact us today

If you need additional information on Vikotherm™ R2, our dedicated and highly trained staff are on hand to provide you with seamless process support from initial idea through to delivery and beyond.

#### UK

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#### Norway

Tel: +47 32 23 20 00

#### All sites

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### 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™ R2 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

