**Wetisokote (5LPP Syntactic) - deep water**

Five layer polypropylene thermal insulation coating system

Wetisokote® is a Polypropylene based Syntactic foam subsea insulation system designed for Flow Assurance.

**System Description:**

- Layer 1,2,3: 3-layer Anticorrosion System - Fusion Bonded Epoxy, PP co-polymer Adhesive and Solid PP
- Layer 4: Thermal Insulation- Glass Syntactic PP
- Layer 5: Mechanical and UV Protective Layer-Solid PP

**Superior Insulation Properties & Unmatched Mechanical Properties**

- Lower thermal conductivity results in lower achievable U values
- The Polypropylene matrix provides high pressure resistance.
- The hollow glass microspheres, guarantee the thermal insulation capabilities even at 3000 m water depths.
- Extended cool-down time

**Installation**

- Can be installed using all subsea laying methods including reeling, S-lay and J-lay.
- Mechanically resilient product constructed from impact resistant ductile materials.
- Extensively tested for tensioner clamp loads, axial shear loads and fatigue, giving excellent performance.

**FJ Compatibility**

- Thermitite® IMPP
- Nemo 1.1
- Nemo 2.1
- Hybrid Solution

**Value Added Services**

- Streamlined delivery schedules, product standardisation and quality assurance practices due to simplified processing operations
- Universally and readily available project management and logistics support from multiple existing plant locations

<table>
<thead>
<tr>
<th>CAPABILITY/PROPERTY</th>
<th>WETISOKOTE</th>
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<tr>
<td></td>
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<tr>
<td>Parameter</td>
<td>Specification</td>
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<tr>
<td>----------------------------------------</td>
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<tr>
<td>Max Operating Temp</td>
<td>300 F [148 C]</td>
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<tr>
<td>Thermal Conductivity [k-value]</td>
<td>0.16-0.17 W/m²*K</td>
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<tr>
<td>Overall Heat Transfer Coeff. [U-value]</td>
<td>Depends on thermal design</td>
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<tr>
<td>Water Depth</td>
<td>&gt;3000m [9843']</td>
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