

# 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

- Thermotite® 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

CAPABILITY/PROPERTY

WETISOKOTE

Max Operating Temp	300 F (148 C)
Thermal Conductivity (k-value)	0.16-0.17 W/m*K
Overall Heat Transfer Coeff. (U-value)	Depends on thermal design
Water Depth	>3000m (9843')

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