

Thermotite IMPP

Injection-moulded Polypropylene Insulation Systems

Thermotite® IMPP is a polypropylene-based subsea insulation field joint system designed for flow assurance.

System Description

- Layer 1: Anti-corrosion - Fusion Bonded Epoxy
- Layer 2: Adhesive - polypropylene co-polymer adhesive
- Layer 3: Thermal insulation - injection-moulded polypropylene

Superior Insulation Properties And Unmatched Mechanical Properties

- Provides excellent long-term thermal insulation properties for field joints in subsea environments and has been used in harsh environments with operating temperatures up to 150°C (302°F) with no depth limitations
- The interface between the field joint system and the parent coating is fused during the application process, so that the polypropylene material becomes continuous and is not susceptible to cracking or delamination during installation and operation
- Extended cool-down time

Installation

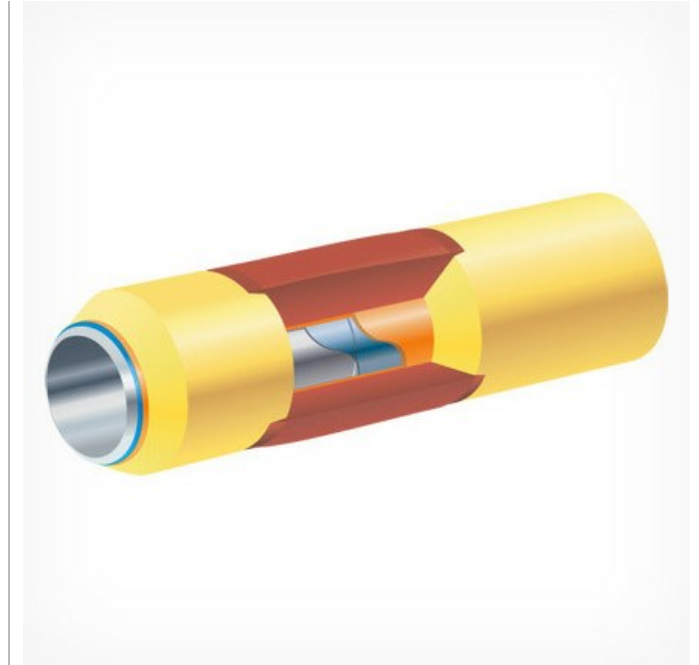
- Field joint coating application equipment and teams can be quickly mobilized to any location required by the customer
- Thermotite® IMPP systems can be applied onshore on spoolbases (for subsequent reel-lay installation) and other project sites, as well as offshore on S-lay and J-lay pipelaying vessels

Line Pipe Compatibility

- Thermotite®
- Wetisokote® (5LPP Syntactic)

Value Added Services

- Streamlined delivery schedules, product standardization and quality assurance practices due to simplified processing operations
- Universally and readily available project management and logistics to spoolbases
- Thermotite® IMPP systems allow for a wide range of technical performance designs based on the specific requirements of each project



CAPABILITY/PROPERTY	THERMOTITE IMPP
Maximum operating temperature	150°C (302°F)
Thermal conductivity (K value)	0.22W/m*K
Water depth	Unlimited

Last Updated: 9/26/2018 3:28:26 PM