

Thermotite ULTRA Joint

Thermotite® ULTRA™ is a styrenic alloy based subsea insulation field joint system designed for flow assurance.

System Description:

- Layer 1: Anti-corrosion - Fusion Bonded Epoxy
- Layer 2: Adhesive - ULTRABond
- Layer 3: Thermal insulation - injection-moulded Solid ULTRAJoint

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 120°C (250°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 styrenic 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® ULTRAJoint 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® ULTRA

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® ULTRA systems allow for a wide range of technical performance designs based on the specific requirements of each project



CAPABILITY/PROPERTY	THERMOTITE ULTRA JOINT
Thermal Conductivity (k-value)	0.17 W/m*k

CAPABILITY/PROPERTY	THERMOTITE ULTRA JOINT
Water depth	Unlimited

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