

ThermoFlo® Joint

ThermoFlo® is a polyurethane based subsea insulation field joint and custom coating system designed for flow assurance.

System Description:

- Layer 1: Anti-corrosion- Fusion Bonded Epoxy primer
- Layer 2: Thermal insulation-moulded solid polyurethane

Superior Insulation Properties And Unmatched Mechanical Properties

- Provides excellent long-term thermal insulation properties for field joints in subsea environments
- The interface between the field joint system and the parent coating is continuous and is not susceptible to cracking or delamination during installation and operation
- Extended cool-down time

Installation

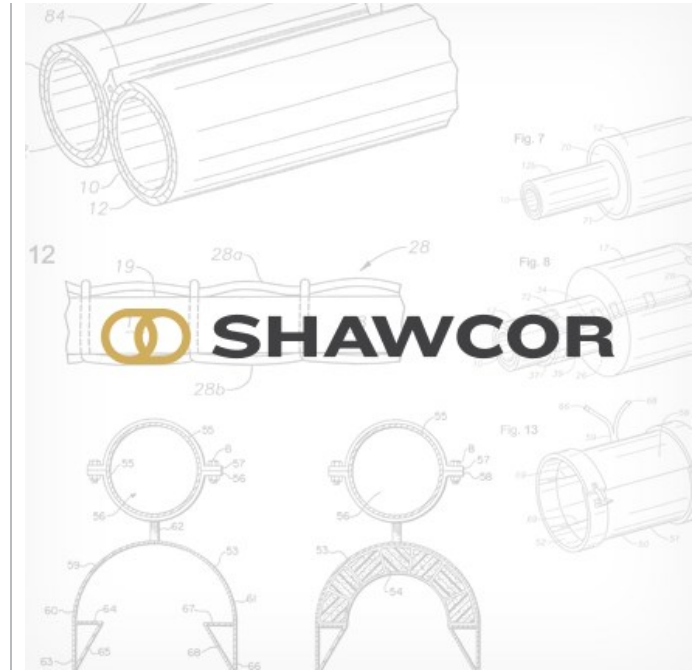
- Field joint coating application equipment and teams can be quickly mobilized to any location required by the customer
- ThermoFlo® Joint systems can be applied onshore on spoolbases (for subsequent reel-lay installation) and other project sites, as well as offshore S-lay and J-lay pipelaying vessels

Line Pipe Compatibility

- Thermoflo®

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 to spoolbases
- ThermoFlo® Joint systems allow for a wide range of technical performance designs based on the specific requirements of each project



CAPABILITY/PROPERTY	THERMOFLO JOINT
Maximum Operating Temperature	80°C (176°F) Wet
Thermal Conductivity (K-value)	0.195W/m*k

CAPABILITY/PROPERTY	THERMOFLO JOINT
Overall heat transfer coeff. (U-value)	>2.0W/m ² *K (.35BTU/hr*ft ² *F)
Water depth	unlimited

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