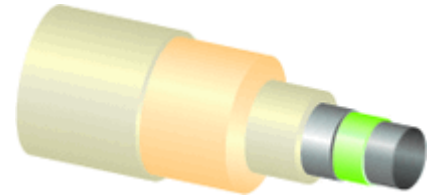


Multi- Layer Polypropylene (Solid, Foam and Syntactic) Flow Assurance Coating

Operating Conditions

Polypropylene insulation systems are used for thermal management of flowlines for offshore applications. Insulation can take the form of solid, foamed or syntactic polypropylene, as well as multi layer combinations of these three materials designed specifically for each project.



Application and Standards

The products are applied by a side extrusion process. Various layers are employed to achieve the desired thermal and buoyancy requirements. Materials are applied in accordance with project specific requirements.

Typical Properties

Description	Typical Value*
Thermal Conductivity W/mk	0.14 to 0.18
U Value Range W/m ² k	2 and higher
Water Depth Range	0 to 3000m
Minimum Pipe Diameter	4"
Maximum Pipe Diameter	30"
Minimum Pipe Length	9m
Maximum Pipe Length	24.0 m
Minimum Operating Temperature	-20°C
Maximum Operating Temperature	145°C

*Typical values are quoted and vary with the grade of material selected.