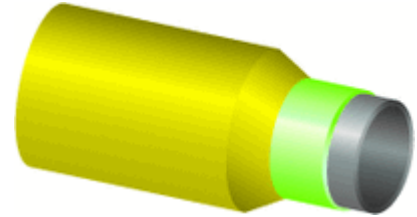


Syntactic Polyurethane

Operating Conditions

Syntactic polyurethane materials are used as thermal insulation for offshore pipelines. The product is customized to take into account specific project requirements, such as water depth and thermal requirements. The product can be laid by all types of offshore lay barge.



Application and Standards

The product is applied by an injection molding process to achieve the specific requirements of project based specifications.

Typical Properties

Description	Typical Value*
Thermal Conductivity W/mk	0.1 to 0.17
U Value Range W/m2k	1.5 and higher
Water Depth Range	0 to 3000m
Minimum Pipe Diameter	4"
Maximum Pipe Diameter	30"
Minimum Pipe Length	No limit
Maximum Pipe Length	24.0 m
Minimum Operating Temperature	-35°C
Maximum Operating Temperature	115°C

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