

BRONX Oryza-SEA Aerogel Insulation Blanket

Excellent Low Dust Solution for Industrial and Commercial Thermal Insulation



Brief Product Description

Oryza-SEA Aerogel insulation system is designed specifically to offer optimum thermal performance for subsea pipe-in-pipe application.

The proprietary “infusion” manufacturing process ensures optimum void ratio within the reinforced mat, thereby providing consistency in thermal performance throughout the material.

Adopting site experience and learning from the ground, we understand the importance of creating a product that offers efficacy, ease of installation and help protect your assets. The low thermal conductivity of the **Oryza-SEA** insulation provides superior thermal performance allowing minimal heat loss for extra-long tiebacks in subsea application.

Features

- Excellent Thermal Performance
- Flexibles, Space Saving, Composites, Pipe-In-Pipe
- Unique “infusion” manufacturing –lowest dust rating
- Custom “Beveled Cut” ensures “no gap” installation.
- Versatile insulation technology for both cold and hot
- Fire Performance, Grade A1

Product Dimensions

Thickness	5mm	10mm
Dimensions L x W (m)	1.5 x 33	1.5 x 33
Sqm/roll	49.5	49.5

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Technical Data Sheet

Technical Specification

THERMAL CONDUCTIVITY Tested with ASTM C177 Results

Mean Temp °C	W/m-K
25 °C	0.015

Thermal conductivity measured at a compression load of 2psi.

Property	Value
Thickness (mm)	5, 10
Colour	White
Product Form	Blanket
Density* (kg/m ³)	180
Estimated Max Use Temperature (°C)	350
Hydrophobic	Yes

* Nominal value

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