Pipe-in-Pipe sliding system

The LOGSTOR Pipe-in-Pipe offshore hot applications solution consist of steel inner pipe, steel outer pipe (with corrosion protection), and PUR foam bonded onto the inner pipe. The outer pipe is able to slide on the insulation.

PRODUCT DESCRIPTION

- Steel inner pipe
- Steel outer pipe with AC Coating (FBE, 3LPE, 3LPP)
- Foam Density 95 ± 15 kg/m³
- Lambda value of 0.03 W/mK
- Operation temperature max. 140 °C
- Achievable U-value at 0.4 – 1.5 W/m²K referenced to inner steel pipe OD

A: Steel pipe (inner)
B: PUR foam
C: Air gap
D: Steel pipe (outer)
E: AC coating
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SYSTEM MAIN FEATURES

- The pipes can be installed using S-lay, tow-out or J-lay methods. Standard length of each pipe is 12.2 m, can also be supplied as double-joint, or as specified by client.
- The sliding ability of the outer pipe ensures an optimal process during installation, where the pipes can be assembled with just one weld on the inner pipe, and one weld on the outer pipe.
- Design life is 30 years.

PLANT CAPABILITIES

- Pipe lengths typical 12 m, possibility up to 24 m
- Pipe weight up to 20 tons
- The range of inner steel pipe sizes is 6 – 24”
- The outer steel pipe is 10 – 32”, depending on U-value requirements

COMPANY FACTS

- Head Office in Denmark
- More than 50 years of experience with an extensive track record
- Around 200 000 km of delivered insulated pipes
- Complete end-to-end solutions

HEAD OFFICE

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