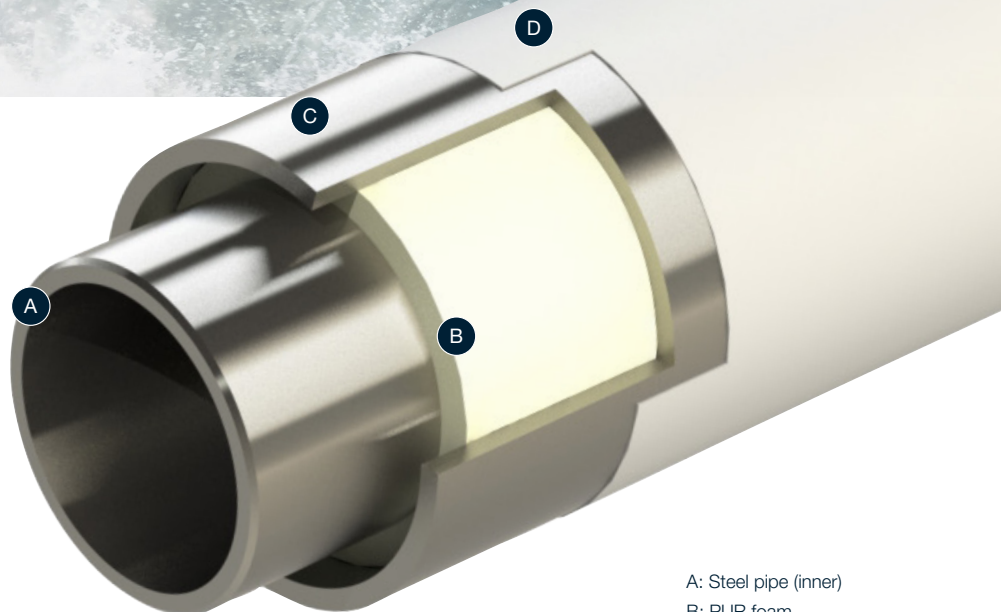


Pipe-in-Pipe bonded system

The LOGSTOR Pipe-in-Pipe offshore hot applications solution consist of steel inner pipe, steel outer pipe (with corrosion protection), and PUR foam injected between the two pipes. A bonded pipe insulation system for subsea applications.



PRODUCT DESCRIPTION

- Steel inner pipe
- Steel outer pipe with AC Coating (FBE, 3LPE, 3LPP)
- Foam Density 100 kg/m^3 (+20 / -10 kg/m^3)
- Lambda value of 0.032 W/mK
- Operation temperature max. $140 \text{ }^\circ\text{C}$
- Achievable U-value at $0.4 - 1.5 \text{ W/m}^2\text{K}$ referenced to inner steel pipe OD

A: Steel pipe (inner)
B: PUR foam
C: Steel pipe (outer)
D: AC coating

Pipe-in-Pipe bonded system

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 fieldjoints are made with steel halfshells, and backing strips are installed to ensure easy installation. This method ensures a uniform load transfer throughout the length of the pipeline.
- 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

LOGSTOR

ABOUT LOGSTOR

LOGSTOR is a global energy company with a focus on providing better energy efficiency to our customers. Our company is based on years and years of experience and know-how related to insulation as a means of improving energy efficiency and pipeline flow assurance.

(V.1.0)

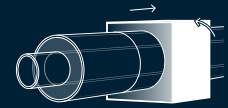
COMPANY FACTS

- 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

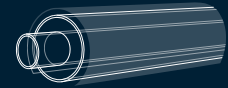
HEAD OFFICE

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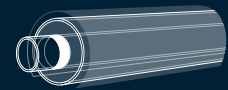
APPLICATION PROCESS



Steel pipe pre-heated



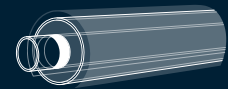
Insertion of steel pipe in the mold



Centering and installing end tools



Injection of insulation



Remove end tools



Pipe inspection ready for dispatch