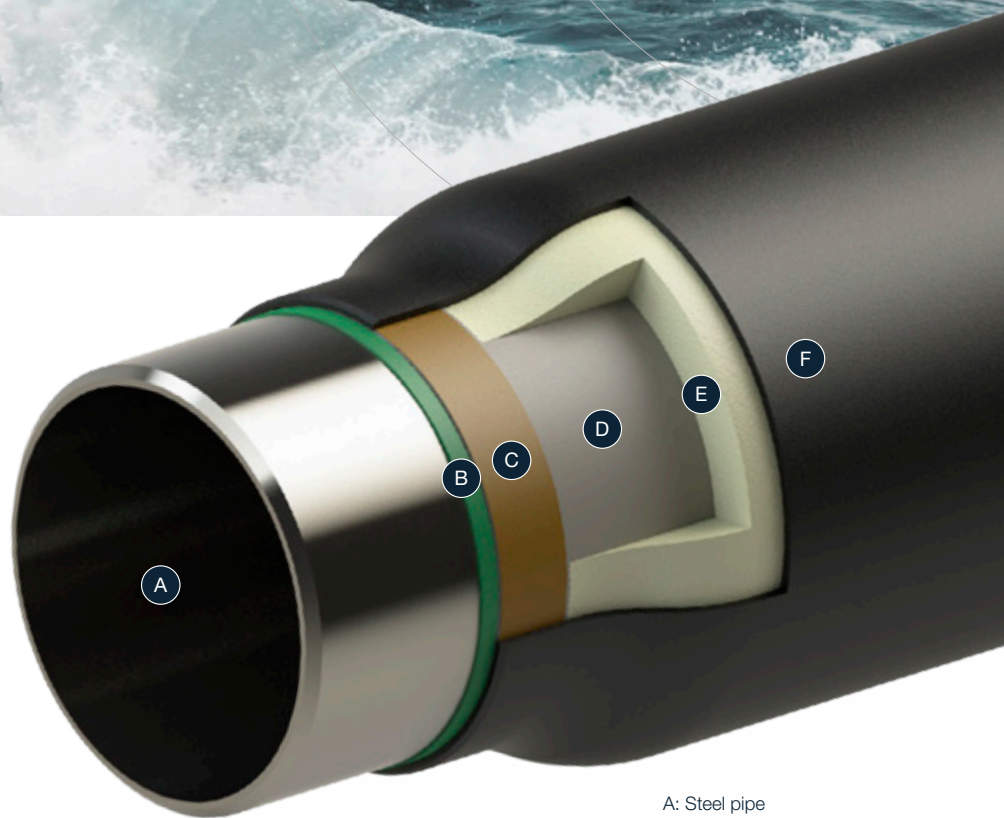


SinglePipe® 85 SW

The LOGSTOR SinglePipe® 85 SW is a shallow water thermal insulation solution for offshore pipelines able to sustain depths up to 340 meters. The system is designed to be cost-effective and can be installed with any pipe-laying method.

PRODUCT DESCRIPTION

- Steel inner pipe with Anti-Corrosion Coating (FBE, 3LPE, 3LPP)
- PUR density 80 to 325 kg/m³ and thickness 20 - 80 mm for conventional laying
- PUR density 300 to 325 kg/m³ and thickness 20 - 50 mm for reeling
- HDPE casing 5 mm to 8 mm
- Integrated water sealing or PE welding
- Each pipe individually sealed
- U-value between 0.5 - 5.0 W/m²K
- Lambda value from 0.03 to 0.06 W/mK
- Operation temperature up to 85°C
- Concrete weight coated (when required)
- Anode protection system (when required)



- A: Steel pipe
- B: Fusion Bonded Epoxy
- C: Water seal or PE Welding
- D: FBE or 3LPE/PP
- E: PUR foam
- F: HDPE casing

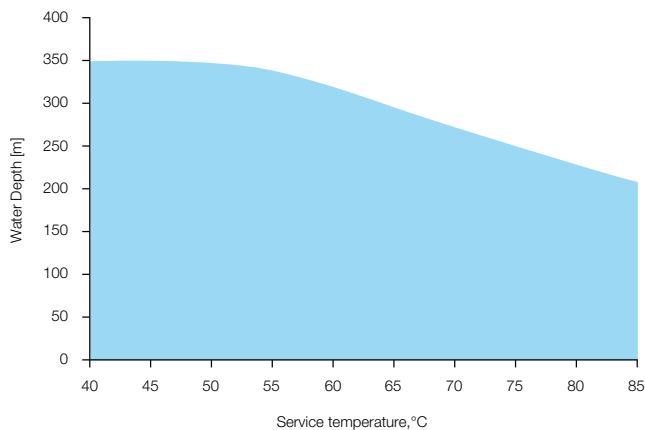
SinglePipe® 85 SW

COATING SYSTEM - MAIN FEATURES

- LOGSTOR SinglePipe system uses a specially bonded combination of polyurethane cellular foam, high density polyethylene casing and other proprietary technologies to ensure that long term insulation performance is maintained
- The system offers very high insulation performance comparable to pipe-in-pipe solutions
- It can be installed using all pipe laying methods, including reeling
- Each pipe is individually sealed by integrated water seals or PE welding
- Easy field joint coating application

PLANT CAPABILITIES

- Pipe diameter 6" to 42" (150 mm to 1,050 mm)
- Pipe lengths 8 m to 17.8 m (6 m pipes can be randomly placed on the line)
- Pipe weight up to 10 tons
- Minimum operating service temperature -20°C
- Maximum operating service temperature +85°C



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)

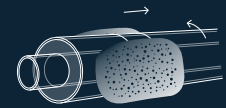
COMPANY FACTS

- 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

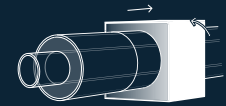
HEAD OFFICE

LOGSTOR A/S
Danmarksvej 11
DK-9670 Løgstør
Tel: +45 9966 1000
logstor@logstor.com
www.logstor.com

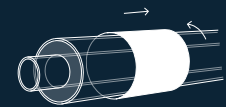
APPLICATION PROCESS



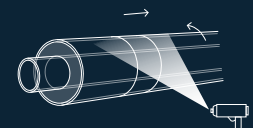
Cleaning



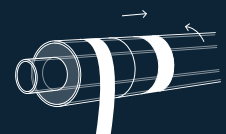
Holiday detection



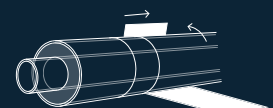
Induction heating



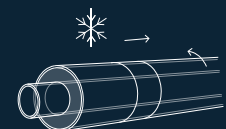
PUR spray



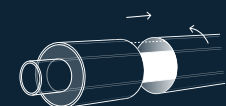
Application of water seals



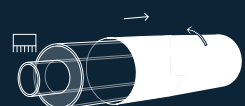
HDPE casing extrusion



Cooling



Automatic pipe separation



Cleaning