

SinglePipe[®] 120 SW

The LOGSTOR SinglePipe[®] 120 SW is a shallow water HT 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 3LPP Anti-Corrosion Coating
- 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
- PP casing 5 mm to 8 mm
- Integrated welded water sealing
- 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 120°C
- Concrete weight coated (when required)
- Anode protection system (when required)



- A: Steel pipe
- B: Fusion Bonded Epoxy
- C: PP welding
- D: 3LPP
- E: PUR foam
- F: PP casing

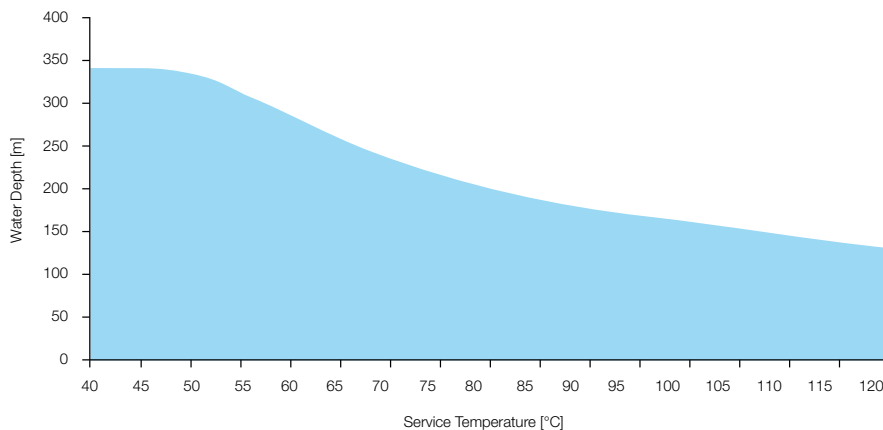
SinglePipe® 120 SW

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
- The PP casing is welded to the parent 3LPP anti-corrosion coating ensuring each pipe is individually sealed
- 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 +120°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)

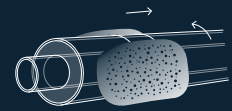
COMPANY FACTS

- 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

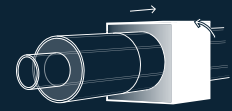
HEAD OFFICE

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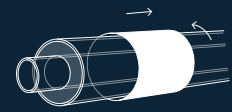
APPLICATION PROCESS



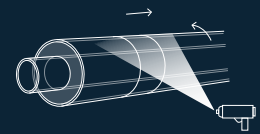
Washing/cleaning



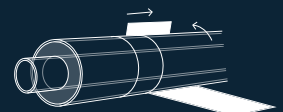
Holiday detection



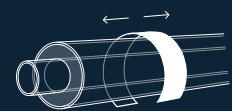
Induction heating



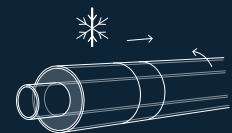
PUR spray



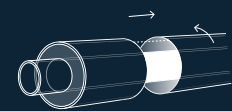
HDPE casing extrusion



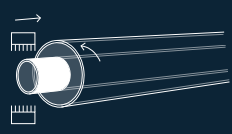
Welding PP casing to PP parent coating



Cooling



Automatic pipe separation



Cutbacks cleaning