

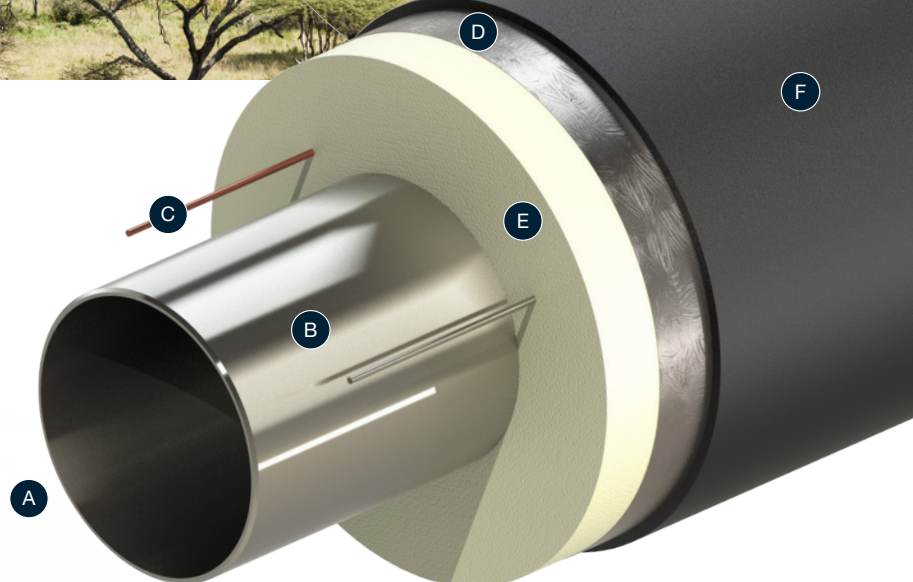
InsuPipe® 140

The LOGSTOR InsuPipe® 140 is an onshore thermal insulation system for pipelines to maintain a constant operating temperature up to 140°C for the complete lifetime of the system - 30 years. The system is designed to be cost-effective, with end-to-end features and moisture surveillance to maintain integrity over the lifetime of the pipeline.



PRODUCT DESCRIPTION

- Steel inner pipe with optional Anti-Corrosion Coating (FBE)
- PUR density 70 kg/m³ and thickness 20 - 120 mm
- HDPE casing 2 mm to 13 mm
- U-value between 0,2 - 0,72 W/m²K
- Lambda value from (λ_{50}) 0,026 W/mK
- Moisture surveillance system embedded in the insulation
- Heat tracing is available as an option
- Compatible welded or shrinkable field joints are available
- Bends and specialty fittings can be manufactured
- HDD joints, with increased protection can be supplied
- Diffusion barrier to prevent aging of insulation material



- A: Steel pipe
- B: AC coating optional
- C: Moisture surveillance
- D: Diffusion barrier
- E: PUR foam
- F: HDPE casing

InsuPipe® 140

APPLICATION PROCESS



COATING SYSTEM - MAIN FEATURES

- LOGSTOR InsuPipe systems use a specially designed polyurethane foam formulation combined with diffusion barrier and a high density polyethylene casing to ensure that long term insulation performance is maintained
- The system offers very high insulation performance that meets the EN253, CSA and other major specifications
- An industry leading moisture surveillance system can detect leaks immediately and provides increased integrity over the life of the pipeline
- Mobile plants are available to minimize logistics
- End-to-end solutions include field joints, bends, fittings and HDD solutions
- A heat tracing option is available

PLANT CAPABILITIES

- Pipe diameter 2" to 6" (60,32 mm to 168,3 mm - Traditional or Axial conti)
- Pipe diameter 6" to 42" (168,3 mm to 1.050 mm - Spray technology)
- Pipe lengths 6 m to 24 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 +140°C
- Maximum peak temperature +150°C

LOGSTOR

ABOUT LOGSTOR

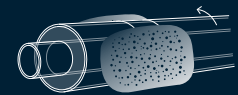
LOGSTOR is a global energy company with a focus on providing better energy efficiency to our customers. Our company is based on years and years of experience and know-how related to insulation as a means of improving energy efficiency and pipeline flow assurance.

(V.1.0)

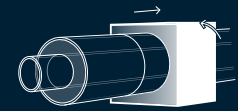
COMPANY FACTS

- 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

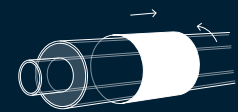
www.logstor.com



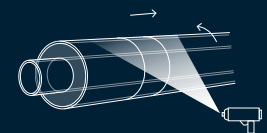
Washing/cleaning



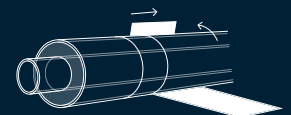
Holiday detection of coated pipe



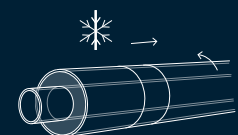
Induction heating



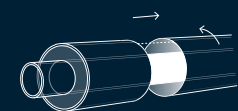
PUR spray insulation



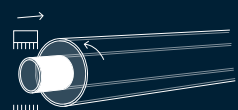
HDPE casing extrusion and PE welding when water seals are not applied



Cooling



Automatic pipe separation



Cutback cleaning