

FlextraPipe® PexFlextra

FlextraPipe®, PexFlextra is a complete range of diffusion tight, flexible pre-insulated pipe systems for community heating projects and district heating branch pipes.



The service pipe in LOGSTOR PexFlextra is made of very flexible polyethylene PEXa, featuring an EVOH membrane that prevents the diffusion of oxygen into the water. The service pipe is enclosed by soft polyurethane foam insulation and protected by a corrugated outer casing.

The properties of the materials and long lengths make it easy to install LOGSTOR PexFlextra pipe even in difficult terrain. PexFlextra is a recommended solution for piping systems with continuous operating temperatures and pressures of maximum 85°C and 6 bar.

LOGSTOR PexFlextra is available in single and twin pipe configurations, and the system includes all the couplings, joints, fittings and tools needed to establish a complete preinsulated piping network.



- A: Service pipe made of PEXa
- B: Polyurethane (PUR) foam insulation
- C: Corrugated outer casing of high density polyethylene (HDPE) with built in diffusion barrier (EVOH). Outer casing and foam insulation bonded together

FlextraPipe®

PexFlextra

TECHNICAL DATA

Service pipe material	PEXa with barrier for oxygen (EVOH)
Insulation material	Polyurethane foam (PUR)
Thermal conductivity (50°C)/Lambda	0.022 W/mK (<i>more information at www.logstor.com/documentation</i>)
Insulation thickness, Series	Series 1 and 2
Outer casing, material	Polyethylene (PE-HD). Corrugated, flexible surface with built in diffusion barrier (EVOH)
Continuous operating temperature	85°C
Max. temperature 100 h/30 years	95°C
Pressure	6 bar
Joining method	Press couplings / compression couplings
Coils, lengths	100 metres. Customised lengths optional

PexFlextra is a complete program with all needed components like:

Pipes (single and twin)	Valves
Preinsulated tees	Inlet pipe
Preinsulated bends	Protection cap
Press couplings	FX joint
Compression couplings	Tools

LOGSTOR FlextraPipe® for different applications is a complete range of diffusion tight, flexible pre-insulated pipe systems for community heating projects and heating branch pipes. The corrugated outer casing and the soft foam insulation together provide a unique degree of flexibility. LOGSTOR FlextraPipe is available with two different kinds of service pipe to meet different needs and for different uses in terms of pressure, temperature and insulation thickness. These products are named PexFlextra and SaniFlextra, respectively.

For further technical information please see www.logstor.com

LOGSTOR

ABOUT LOGSTOR

LOGSTOR is a global supplier of complete pre-insulated pipe systems 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.

COMPANY FACTS

- Headquarters 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

RANGE OF DIMENSIONS – SERVICE PIPE/OUTER CASING (MM)

Single pipe

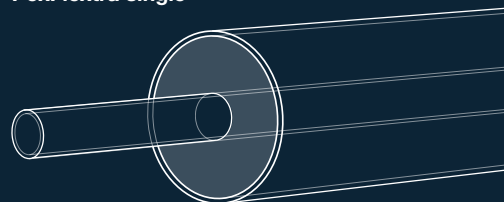
Series 1	Series 2
	20/90
	25/90
	32/90
40/90	40/110
50/110	50/125
63/125	63/140
75/140	75/160
90/160	90/180
110/180	

TwinPipe

Series 1	Series 2
	20-20/110
25-25/110	25-25/125
32-32/110	32-32/125
40-40/125	40-40/140
50-50/160	50-50/180
63-63/180	

Other Insulation series according to request.
Coils are as standard 100 m.
Possible to order cut to length delivery.

PexFlextra single



PexFlextra twin

