

LOGSTOR *FlextraPipe* – *PexFlextra*



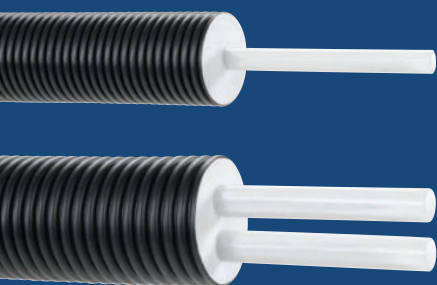
WITH
LOGSTOR
DIFFUSION
BARRIER

LOGSTOR *PexFlextra*

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

The specifications, materials and long lengths make it easy to install LOGSTOR PexFlextra pipe even in difficult terrain. PexFlextra is the 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 pre-insulated piping network.



LOGSTOR FlextraPipe is a complete range of diffusion tight, flexible pre-insulated pipe systems for community heating projects, district heating branch pipes and sanitary water installations. The corrugated outer casing and the soft foam insulation together provide a unique degree of flexibility. LOGSTOR FlextraPipe is available with three 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, AluFlextra and SaniFlextra, respectively.

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LOGSTOR *FlextraPipe* – *PexFlextra*

Technical data

Service pipe

Material	PEX
Barrier for oxygen, vapour and gasses	EVOH

Insulation

Material	Polyurethane foam (PUR)
Thermal conductivity (50°C)/Lambda	0.023 W/mK (more information at www.logstor.com/documentation)
Insulation thickness, Series	Series 1, 2 and 3

Diffusion barrier

EVOH

Outer casing, material

Polyethylene (PE-HD). Corrugated, flexible surface

Alarm wires

No

Continuous operating temperature

85°C

Max. temperature 100 h/30 years

95°C

Pressure

6 bar

Joining method

Press couplings / compression couplings

Coils, lengths

50 or 100 metres. Customised lengths optional

Range of dimensions – service pipe/outer casing (mm)

Single pipe			Twin pipe	
Series 1	Series 2	Series 3	Series 1	Series 2
	20/90	20/110	16-16/90	16-16/110
	25/90		20-20/90	20-20/110
	32/90		25-25/110	25-25/125
40/90	40/110		32-32/110	32-32/125
50/110	50/125		40-40/125	40-40/140
63/125	63/140		50-50/160	50-50/180
75/140	75/160		63-63/180	
90/160	90/180			
110/180				

■ Available end of 2013 ■ Available 1st Quarter 2014



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