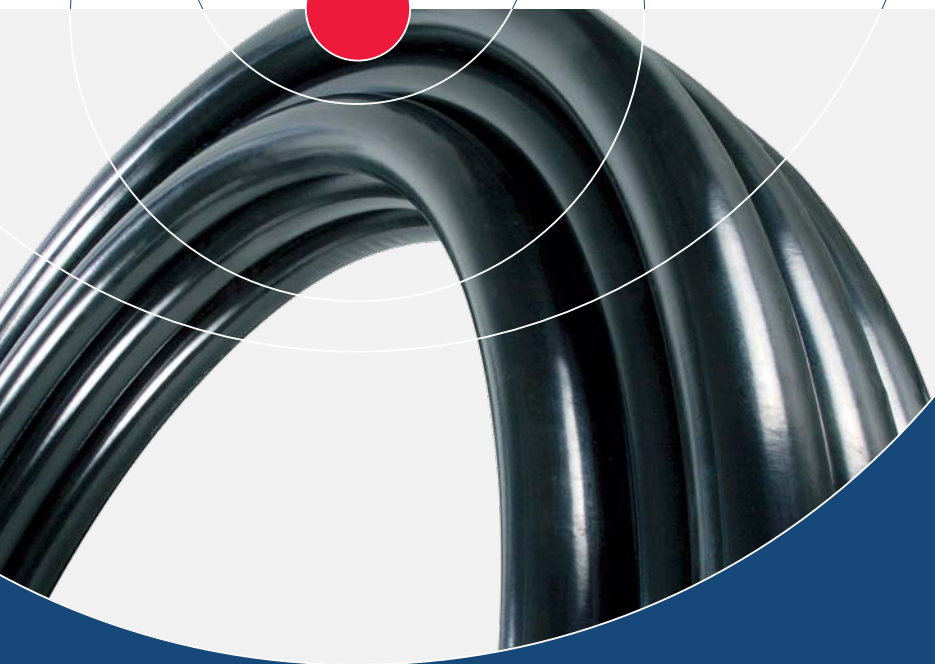


LOGSTOR *FlexPipe* – *PexFlex*



LOGSTOR *PexFlex*

In the LOGSTOR PexFlex system, the service pipe is made of polyethylene (PEX) with an EVOH membrane that protects against oxygen diffusion. The system is assembled with pressure or compression couplings, and is used for distribution systems in community heating and district heating distribution systems, where there are only limited temperature and pressure requirements.

An EVOH membrane placed located between the outer casing and the PUR insulation foam protects against any diffusion of oxygen and gases.

LOGSTOR PexFlex 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 FlexPipe is a complete range of impermeable pre-insulated branch pipes. The main differences between the four pipe systems in the range lie in the material used for the service pipes and in the assembly method. LOGSTOR SteelFlex, CuFlex, AluFlex and PexFlex make it easy to choose the solution that best suits the requirements and preferences of each particular installation with respect to criteria that include pressure, temperature and insulation thickness.

● distributing energy efficiency

LOGSTOR *FlexPipe* – *PexFlex*

Tekniske data

Service pipe

Material	PEX
Barrier for oxygen, vapour and gasses	EVOH

Insulation

Material	Polyurethane foam (PUR)
Thermal conductivity (50°C)/Lambda	0.022 W/mK (more information at www.logstor.com/documentation)
Insulation thickness, Series	Series 1 and 2 Series 3 – optional for lengths of >1000 metres

Diffusion barrier

Polymer barrier

Outer casing, material

Polyethylene (PE-LD). Smooth surface

Alarm wires

No

Continuous operating temperature

85°C

Max. temperature 100 h/year

95°C

Pressure

6 bar

Joining method

Press couplings / compression couplings

Coils, lengths

50 or 100 metres

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

Single pipe		Twin pipe	
Series 1	Series 2	Series 1	Series 2
20/77	20/90	16-16/90	16-16/110
25/77	25/90	20-20/90	20-20/110
32/77	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	
75/140	75/160		
90/160			
110/160			



PexFlex single



PexFlex twin

- distributing energy efficiency