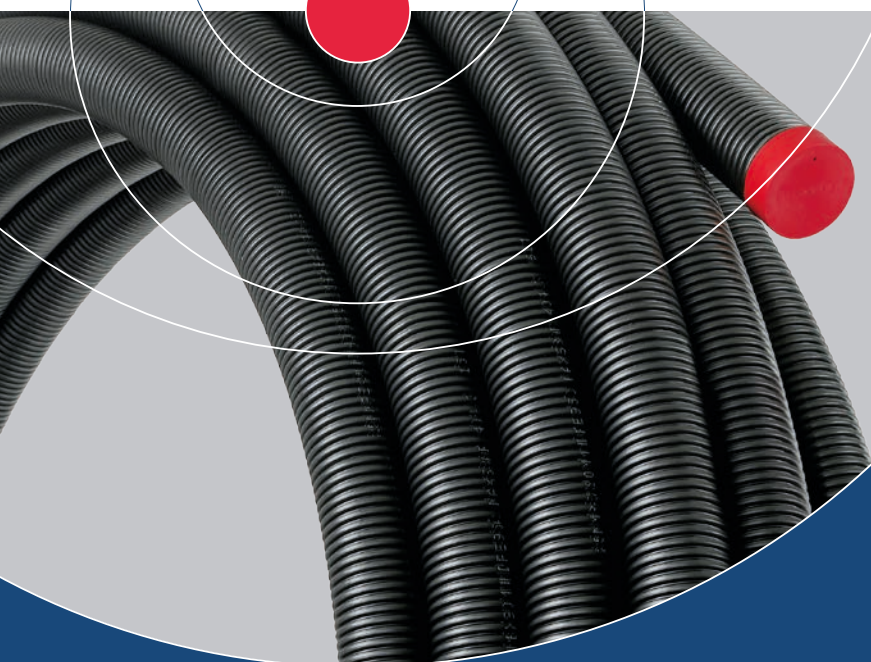


LOGSTOR *FlextraPipe* – *AluFlextra*



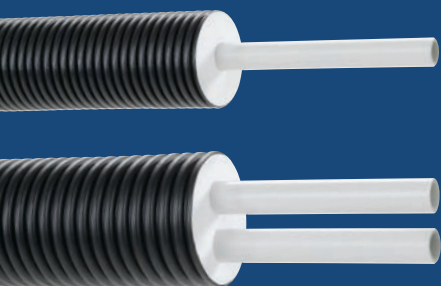
WITH
LOGSTOR
DIFFUSION
BARRIER

LOGSTOR *AluFlextra*

The service pipe in LOGSTOR AluFlextra consists of an aluminium core coated with PEX on the inside and with PE on the outside. This configuration makes full use of the benefits of the plastic smooth surface and the stability of metal. The aluminium core also makes the pipe 100% impervious to diffusion.

The permissible maximum continuous operating parameters of 90°C and 10 bar make LOGSTOR AluFlextra a robust solution for both community heating projects and district heating branch pipes.

LOGSTOR AluFlextra 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* – *AluFlextra*

Technical data

Service pipe

Material	PEX/Aluminium/PE
Barrier for oxygen, vapour and gases	Aluminium

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, 3 and 4 Series 4 – optional for lengths of >1000 metres

Diffusion barrier

EVOH

Outer casing material

Polyethylene (PE-HD). Corrugated, flexible surface

Alarm wires

No

Continuous operating temperature

90°C

Max. temperature 100 hours/30 years

95°C

Pressure

10 bar

Joining method

Press couplings

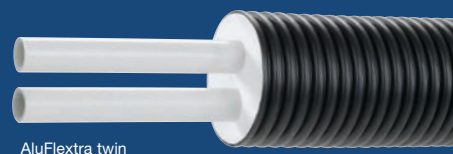
Coils, lengths

50 or 100 metres. Customised lengths optional

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

Single pipe			Twin pipe			Double pipe
Series 2	Series 3	Series 4	Series 1	Series 2	Series 3	Series 1
16/90	16/110		16-16/90	16-16/110	16-16/125	20-16/110
20/90	20/110	20/125	20-20/90	20-20/110	20-20/125	20-16/125
26/90	26/110	26/125	26-26/110	26-26/125		26-20/125
32/90	32/110	32/125	32-32/110	32-32/125		

■ Available 1st Quarter 2014



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