

# LOGSTOR FlextraPipe<sup>®</sup>

LOGSTOR PertFlextra



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**PertFlextra is a complete range of diffusion tight, flexible pre-insulated pipe system for community- and district heating according to EN17878-1/2.**

The service pipe in PertFlextra is made of polyethylene PE-RT type II, featuring an aluminium diffusion barrier that prevents the diffusion of oxygen into the water and water vapor from

the water into the insulation ensuring dry insulation over lifetime.

The service pipe is insulated with polyurethane foam (PUR) and the outer casing is a corrugated casing of PE-HD with built in EVOH diffusion barrier that will ensure that heat loss property will not deteriorate over lifetime.

## Complete range of products

PertFlextra is available as single- and TwinPipe systems and includes all press couplings, casing joints, fittings, and tools needed to establish a complete pre-insulated flexible piping network.

Dimension of service pipe 25 – 63 mm and dimension of casing 90 – 180 mm.



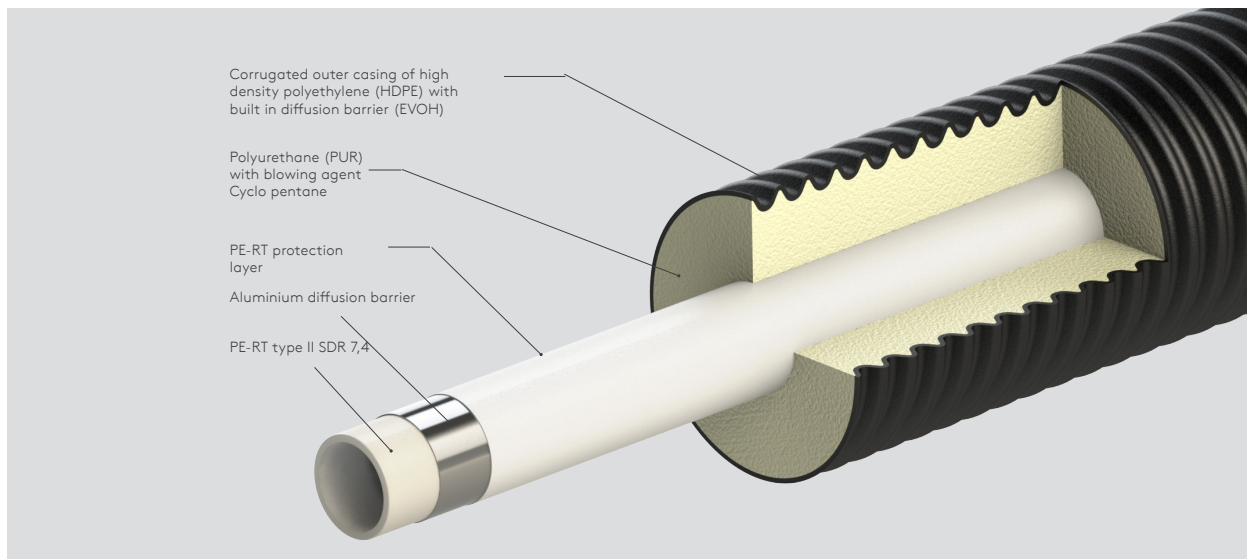
LOGSTOR PertFlextra single pipe



LOGSTOR PertFlextra TwinPipe

## Value propositions

- Easy installation due to corrugated casing and soft PUR foam
- Min 50 years lifetime according to EN17878
- PE-RT type II SDR7.4 service pipe has a longer lifetime than SDR11 PEX systems at the same temperature and pressure
- Low heat loss cost over lifetime due to low lambda value of the PUR foam, diffusion barrier on the service pipe for water vapor and diffusion barrier in the casing for insulation gasses
- PE-RT can be recycled at end of lifetime



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