

TECHNICAL DATASHEET

Multilayer Pipe

PEX-AL-PEX: the stability of metal, the ease of plastic.

Document	EX-DS-MULTILAYER-P
Revision	02
Issued	29 July 2026
Manufacturer	EROPEX, Zwanenveld 3449, 6538 ZE Nijmegen, The Netherlands

Product description

A butt-welded aluminium core between two PE-RT layers gives EROPEX multilayer pipe full oxygen tightness, minimal thermal expansion and true shape retention - it stays exactly where the installer bends it.

Technical specification

Construction	PE-RT / adhesive / butt-welded aluminium / adhesive / PE-RT
Standard	EN ISO 21003
Oxygen diffusion	100 % tight through the aluminium core
Max. working pressure	10 bar at 70 degC
Temperature range	-10 degC to +95 degC
Thermal expansion	0.025 mm/m.K
Thermal conductivity	0.43 W/m.K
Supply form	Coils 50 / 100 m, bars 5 m

Article overview

Article no.	Size	Dimensions	Weight (g)	List price
EX-ML-1620	16 x 2.0 mm	coil 100 m	105	EUR 1.45
EX-ML-2020	20 x 2.0 mm	coil 100 m	140	EUR 1.95
EX-ML-2630	26 x 3.0 mm	coil 50 m	250	EUR 3.55
EX-ML-3230	32 x 3.0 mm	bar 5 m	315	EUR 5.20

Applications

- Sanitary risers and distribution
- Heating and cooling circuits
- Compressed air (dry, oil-free)
- Visible installations requiring shape retention

Compatible systems

- EROPEX press fittings 16 - 40 mm
- EROPEX valves and manifolds
- Calibrated with the EROPEX reamer tool

Notes

Values apply to correctly prepared and fully pressed joints using calibrated EROPEX or approved third-party jaws. Pipe ends must be cut square, reamed and calibrated before pressing. Unpressed joints are detectable during the leak test at 6 bar. This datasheet supersedes all previous revisions.