SERIES DATASHEET

Butt–welded model supplement

Aluminium tube butt–welded before coating — uniform wall, full round.

Models and sizes

Model	Version	OD × wall thickness	Aluminium layer	Nominal pressure	Supply form
SL–PXP–1620–B	Butt–welded	16 × 2.0	0.20	10 bar	100 / 200 m coils
SL–PXP–2020–B	Butt–welded	20 × 2.0	0.25	10 bar	100 / 200 m coils
SL–PXP–2525–B	Butt–welded	25 × 2.5	0.30	10 bar	50 / 100 m coils
SL–PXP–2630–B	Butt–welded	26 × 3.0	0.30	10 bar	50 / 100 m coils
SL–PXP–3230–B	Butt–welded	32 × 3.0	0.40	10 bar	50 / 100 m coils
SL–PRP–1620–B	Butt–welded	16 × 2.0	0.20	10 bar	100 / 200 m coils
SL–PRP–2020–B	Butt–welded	20 × 2.0	0.25	10 bar	100 / 200 m coils
SL–PRP–2525–B	Butt–welded	25 × 2.5	0.30	10 bar	50 / 100 m coils
SL–PRP–2630–B	Butt–welded	26 × 3.0	0.30	10 bar	50 / 100 m coils
SL–PRP–3230–B	Butt–welded	32 × 3.0	0.40	10 bar	50 / 100 m coils

Technical data

Designed with reference to	EN ISO 21003 · GB/T 18997.2
Application class	Class 2 / Class 5 @ 10 bar
Nominal pressure	10 bar (1.0 MPa)
Max. operating temperature	95 °C
Short–term max. temperature	110 °C
Aluminium layer welding	Butt–welded aluminium tube (no overlap seam)
Thermal conductivity	0.43 W/(m·K)
Linear expansion	0.025 mm/(m·K)
Bending radius	⩾ 5 × OD by hand, ⩾ 3 × OD with a bending spring (16—32 mm)
Colours	White; other outer colours for OEM orders
Supply form	16—20 mm: 100 / 200 m coils · 25—32 mm: 50 / 100 m coils
Joining	Press or compression fittings for multilayer pipe (16—32 mm)
Pipe marking	Model, size, production date and batch number printed along the pipe
Dimensional tolerance	OD +0.3 / 0 mm

Manufacturing & Supply Basis: Listed values are catalogue specifications. Production tolerances, marking and packing follow the approved sample and order technical schedule. Confirm the project temperature–pressure profile separately. We specialize in multilayer composite pipes, supplied as coils and straight lengths. Please select fittings for the corresponding pipe dimensions and installation system.