

MULTIPIPE

MLC 9mm Pre-insulated pipework

Technical Data Sheet

Product Detail

Multipipe Pre-insulated MLC is a 5 layer pipe consists of a 'longitudinally lap-welded' aluminium tube which acts as a 100% oxygen-proof barrier, exceeding the requirements of DIN 4726, bonded to an inner layer of Polyethylene – Raised Temperature (PE-RT), and an outer layer of white Polyethylene – Raised Temperature (PE-RT). PE-RT – AL – PE-RT. Every 1m black lettering details manufacturer, materials, maximum pressure, maximum temperature, Class of use and meter marks. The aluminium tube allows to pipe to be formed without the need of tools and does not require supporting making neat and easy to form bends and crossovers. Insulation is a laminated PE foam insulation allowing good flexibility.

Benefits

- Form-stable - no tools needed
- 100% oxygen barrier
- Low expansion rates
- No need to paint
- works with a full press and push-fit range.

Features

- Lap welded aluminium tube
- Sizes from 16mm- 32mm
- Coil sizes from 50m
- continuous 9mm pre-insulated tube.



Pipe Dimention	16 x 2mm	20 x 2.25mm	25 x 2.5mm	32 x 3mm
Pipe ID.	12mm	15.5mm	20mm	26mm
Material	PE-RT/AL/PE-RT			
Max. Operating Temp. (Hot Water)	70°C @ 10 Bar (Max 95°C for 100 hours)			
Max. Operating Temp. (Heating)	80°C @ 10 Bar (Max 100°C for 100 hours)			
Pipe Roughness	0.0004 mm			
Thermal Conductivity	0.4 W/mK			
Thermal Performance	0,040 W/mK			
Fire Classification	CL			
Weight of pipe (filled)	0.218	0.338	0.529	0.854
Water Volume	0.113	0.19	0.314	0.531