

MLC COILED PIPE

101xxx

PRODUCT DETAIL

Multipipe 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 BS EN 21003, 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.



BENEFITS

- Form-stable - no tools needed
- 100% oxygen barrier
- Low expansion rates
- No need to paint
- Suitable for hot water recirculation systems
- Works with a full press range

FEATURES

- Lap welded aluminium tube
- Sizes from 12mm- 32mm
- Can be provided pre-insulated
- Coil sizes from 50m to 500m

PIPE DIMENSION	12 x 1.6mm	16 x 2mm	20 x 2.25mm	25 x 2.5mm	32 x 3mm
PIPE ID.	8.8mm	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)				
MAX. OPERATING TEMP. (CHILLED)	-10°C @ 10 Bar (30% Glycol Mix Max)				
PIPE ROUGHNESS	0.0004 mm				
THERMAL CONDUCTIVITY	0.4W/mK				
WEIGHT OF PIPE (FILLED)	0.128(kg/m)	0.218(kg/m)	0.338(kg/m)	0.529(kg/m)	0.854(kg/m)
WATER VOLUME	0.062(L/m)	0.113(L/m)	0.19(L/m)	0.314(L/m)	0.531(L/m)
BEND RADII (HAND)	60mm	80mm	100mm	125mm	160mm
BEND RADII (INNER SPRING)	48mm	60mm	80mm	100mm	125mm
BEND RADII (OUTER SPRING)	-	60mm	80mm	100mm	125mm
BEND RADII (MECH. BENDER)	-	50mm	70mm	90mm	110mm