



MULTI-LAYER COMPOSITE PIPE

***30%
labour savings**

Maincor Pre-insulated MLC Pipe

Overview

Maincor MLC Pipes are available pre-insulated in a soft polyethylene (PE) foam insulating tube, coated in a protective membrane which is factory fitted, ready for installation.

The PE foam insulation has a highly elastic, closed-cell structure with a vapour barrier that enables the insulation to maintain a high level of efficiency. The tear resistant outer layer effectively protects the insulation, ensuring reduced heat levels of energy loss are maintained. Maincor Pre-insulated MLC Pipes are designed for internal use only.

Installation

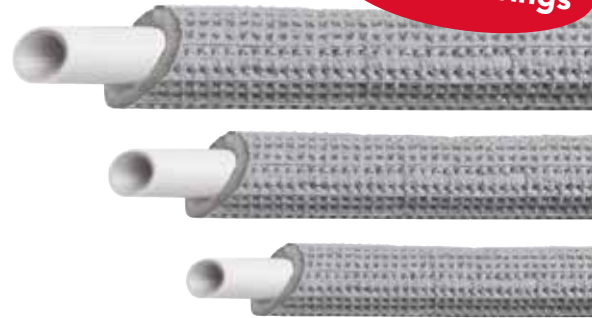
Significant labour savings can be found due to the ease and speed of the installation. The product is flexible and easy to install and the nature of the PE foam means the installation is dust and fibre free. The protective outer layer can withstand the challenges of the construction site while ensuring a professional finish to the installation. Since the pipe is pre lagged, time savings can be found, especially where long pipe runs are utilised.

Energy Efficient

Insulating pipework is an effective way of reducing heat loss from pipes in plumbing and heating systems and in some circumstances, it may be necessary to protect central heating and hot water pipework in unheated areas against freezing. MLC Pipes naturally have better insulating properties when compared to metal pipes, however, we recommend insulating to the same levels as the equivalently sized metal pipes.

Fire Classification & Building Regulations

The 9 & 13mm insulation has a reaction to fire classification of B_L-s1-d0 in accordance with EN13501-1. Reaction to fire class



is accepted and referenced within The Building Regulations 2019, Fire Safety, Approved Document B. The 26mm has a reaction to fire classification E to EN 13501-1.

Part L of the Building Regulations states that reasonable provision should be made to limit heat losses from pipes. Further information can be found in the Domestic and Non-Domestic Building Services Compliance Guides in relation to insulating pipework.

Product Features

- Material: Polyethylene soft foam
- Highly elastic, closed-cell material
- Robust, extremely durable protective film
- Optimal dimensional stability
- Excellent insulation properties
- Protection against condensation and corrosion
- Environmentally friendly - HCFC & HFC free
- Professional, high quality finish
- Insulation available: 9mm, 13mm and 26mm

Part No	Description	Coil
10016209	Pre-insulated MLCP 16 x 2mm (9mm insulation)	50m
10020229	Pre-insulated MLCP 20 x 2.25mm (9mm insulation)	50m
10025259	Pre-insulated MLCP 25 x 2.5mm (9mm insulation)	50m
100162013	Pre-insulated MLCP 16 x 2mm (13mm insulation)	50m
100202213	Pre-insulated MLCP 20 x 2.25mm (13mm insulation)	50m
100252513	Pre-insulated MLCP 25 x 2.5mm (13mm insulation)	50m
100323013	Pre-insulated MLCP 32 x 3mm (13mm insulation)	25m
100162027	Pre-insulated MLCP 16 x 2mm (26mm insulation)	25m
100202227	Pre-insulated MLCP 20 x 2.25mm (26mm insulation)	25m
100252527	Pre-insulated MLCP 25 x 2.5mm (26mm insulation)	25m

Technical Data

Thermal conductivity λ40°C	0.040 (W/m.K)	Z-23.14-1032
Water vapour diffusion resistance coefficient	>7.000	
Operating temperature range	Up to 90°C	