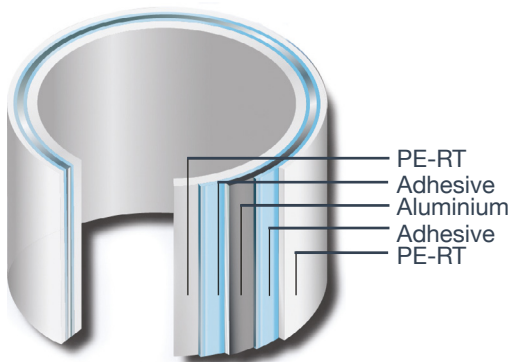


Multi Layer Composite Pipe (MLCP)

KEY BENEFITS >>>

- > The aluminium core is 100% oxygen diffusion tight, therefore preventing the ingress of any oxygen
- > Compensates and reduces snap-back forces and heat expansion with changes of temperature
- > System is designed for easy, safe and fast pipe installation
- > Smooth, low friction bore (roughness $k = 0.0004$)
- > Maximum temperature: 95°C
- > Formstable, no spring back forces
- > Linear expansion closer to that of copper than any other plastic pipe ($0.025\text{mm/m} \times K$)
- > Maximum operating temperature (at 70°C) 10 bar
- > Made in Germany
- > **25 YEAR PIPE WARRANTY**



PRODUCT LIST >

16X2.0MM PERT-AL-PERT PIPE COILS

COIL SIZE	PRODUCT CODE
16x2.00m x 80m	BFB10080
16x2.00m x 100m	BFB10100
16x2.00m x 120m	BFB10120
16x2.00m x 240m	BFB10240

< OVERVIEW

The Firmopress Pert-al-Pert multi-layer pipe consists of 5 layers. One polyethylene layer is applied to the inside and one to the outside of the welded aluminium pipe. Both PE layers are permanently bonded to the aluminium pipe by means of an adhesive layer. The polyethylene used is a non-cross-linked polyethylene of raised temperature (PE-RT – polyethylene of raised temperature resistance).

The pipe has WRAS approval so pipe quality and integrity can be assured, with the approved press fit system this also means that any off cuts from the underfloor heating system can be used for potable drinking water installations.