



## QUAL-PEX PLUS+ 'EASY-LAY' ECO

PRE-Insulated Qual-PEX Plus+ 'Easy-Lay Pipe. From Pipelife Ireland Limited, Ireland's leading manufacturer of Heating & Plumbing solutions..

### Benefits:

- A pre-insulated Pipe to save time, money and energy costs for Domestic, Commercial and Industrial applications. Available in imperial sizes of 1/2", 3/4" & 1" in 50m Coils which are approved for use with Qual-Pex Plus+ 'Easy-Crimp', Tectite and compression fittings.
- Also available in multilayer sizes of 16mm, 20mm, 26mm & 32mm & are approved for use with suitably approved/certified Press-Fittings.
- Manufactured in Ireland.
- 50 Year guarantee.
- Available through all leading merchants.

### Product Description:

free, blue or red flexible closed cell polyethylene pipe insulation. It has been designed to save time, money and energy costs and will improve the energy rating (BER) of any building.

### PERFORMANCE CHARACTERISTICS

#### Thermal Conductivity

0°C	0.036 W(m - K)
40°C	0.040 W(m - K)

#### Wall Thickness of Insulation

6mm	STANDARD
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#### Density

25kg/m <sup>3</sup>	
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### The Insulation:

The insulation is a high quality insulation with a low thermal conductivity. It is highly efficient in energy conservation and frost protection. It is non fibrous and creates no dust during installation or use. It has a durable PE-film covering allowing maximum protection against water penetration and maximum bonding with concrete. It is also designed to give mechanical protection for in-wall cavity pipelines, which includes resistance to building materials and has a pleasing coating for exposed areas.

### HEAT LOSS RATES (in W/M)

#### Hot Water Line Temp. 60°C - Ambient Temp. 15 °C

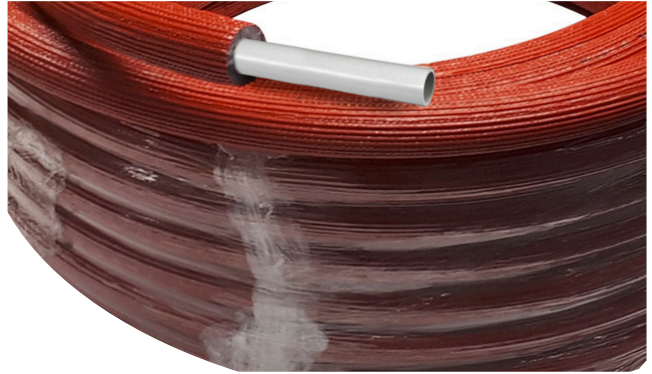
Pipe Size	Insulation Wall Thickness	
	0mm	6mm
1/2" / 15mm / 16mm	33.38	13.45
3/4" / 22mm / 20mm	39.93	15.24
1" / 28mm / 26mm	45.25	17.88

#### Central Heating Line Temp. 75 °C - Ambient Temp. 15 °C

Pipe Size	Insulation Wall Thickness	
	0mm	6mm
1/2" / 15mm / 16mm	47.87	18.12
3/4" / 22mm / 20mm	57.28	21.43
1" / 28mm / 26mm	66.95	23.89

**QUAL-PEX PLUS+ 'EASY-LAY' ECO INSULATED**

Available in Tan Coils and White Multilayer Sizes



Terms	Norms	Requirements	Tolerances
Dimensional stability at 23°C	EN 1604	In Length In Thickness	2.0% 3.0%
Reaction to Fire	EN 13501	E	-
Maximum Service Temperature	EN 14707	+100°C	5°C
Minimum Service Temperature	EN 14707	-0°C	10°C
Water Absorption	EN 13472	0.2 kg/m <sup>2</sup>	≤0.05 kg/m <sup>2</sup>
Water Vapour Diffusion Resistance	EN 13469	μ > 3000	50 (-)
Trace Quantities of Water Soluble Ions and pH	EN 13468	pH5.5	0.5 (-)
Thermal Conductivity λ 40	EN 12667	0.040 [W/m K] (at 40°C)	0.001 [W/m K]