

Davant Climaflex

Polyethylene Pipe Insulation



CLIMAFLEX®

A flexible pipe insulation manufactured by extrusion of expanded polyethylene material

- Polyethylene Pipe Insulation (Class E Fire Rating Combustible Material).
- Available in Improved Thermal Conductivity (0.034 W/mK at 0°C.)
- Totally CFC & HCFC Free.
- Global Warming Potential (GWP) specified by the "International Panel on Climate Change" requires a reading of less than 5. Climaflex has a reading of zero (0).
- Relevant sizes exceed Water Byelaw 49 requirements (see below).



Quick Guide to Water Byelaw 49	
Pipe Overall Diameter (mm)	Wall Thickness (mm) Improved Thermal Conductivity (0.034 W/mK at 0°C)
15	25
22	19
28	19
35-76	09

- Improved Thermal Conductivity availability allows compliance with Water Byelaw 49 by utilising thinner wall thicknesses to ease application in confined areas.
- Ideal for thermal insulation of pipe work in domestic situations.
- Hygienic Product: rot-proof; odourless and nonhydroscopic. Will not sustain vermin and will not encourage growth of fungi or mould.
- Chemically Neutral
- Available with one wall thickness completely slit through for ease application.

IMPROVED THERMAL CONDUCTIVITY POLYETHYLENE PIPE INSULATION (CLIMAFLEX)

• Mean Density	35kg/m ³
• Temperature Range	-50°C to +95°C
• Thermal Conductivity	0°C - 0.034 W/mK, 20°C - 0.036 W/mK 40°C - 0.039 W/mK : DIN 52613
• Fire Classification	Combustible Material
• Ozone Resistance	Good
• Thermal Transmittance U-Value	9mm : 2.86 W/m ² K 13mm : 2.20 W/m ² K 19mm : 1.65 W/m ² K 25mm : 1.53 W/m ² K
• Resistance to Oils and Grease	Good

1977 specification for use of thermal insulating materials.

* All statements and technical information are correct at time of printing (Reference 06/24)