

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).



PIPE INSULATION

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/m³ |
| • 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/m2K
13mm : 2.20 W/m2K
19mm : 1.65 W/m2K
25mm : 1.53 W/m2K |
| • 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)