

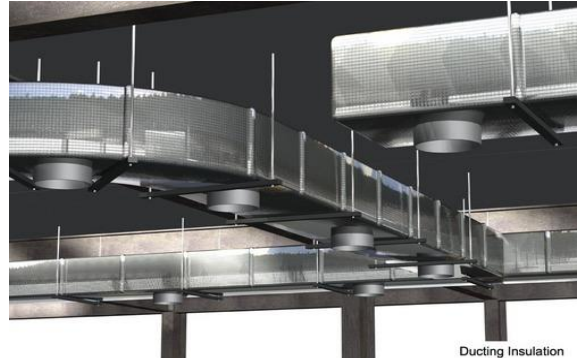
Ductwrap F

XLPE Closed Cell Foam

Low Thermal Conductivity

Energy Efficient

Flexible Easy To Install



Ducting Insulation

Meets or exceeds BCA
requirements

Ductwrap F is a flexible thermal and sound insulation material made of closed-cell cross linked polyethylene foam with factory applied reinforced aluminium foil facing.

Typical Physical Properties

Property	Typical value	Test Method
Colour (foam)	Black/Dark Grey	
Density (foam, kg/m ³)	25 +/- 10%	ISO 845
Thermal Conductivity (W/mK) (@ 20°C)	0.038	ASTM C518-04
Early Fire Hazard: AS1530, Part 3 - 1999		
Ignitability	0 (range 0-20)	
Spread of flame	0 (range 0-10)	
Heat evolved Index	0 (range 0-10)	
Smoke evolved Index	1 (range 0-10)	
Chemical Resistance	Excellent resistance to most chemicals & fungi	
Working Temp Range (°C)	-70°C to 100°C	
Moisture Permeability (g/m ² /24hr)	Less than 1.0	ASTM E96
Water Absorption (% Vol, 7days)	Less than 1%	JIS K6767
Compression Strength (Kpa) (@ 25% deflection)	25Kpa	ISO 844
Compression Set (%) (@ 22hr charge, 23°C, 25% deflection)		ISO 1856C
- 0.5hr after discharge	25%	
- 24hr after discharge	17%	

Thermotec Ductwrap F can be used for the thermal insulation of air conditioning ducts, hot water tanks and vessels, pipes and fittings, raised floors, under slabs. Prevention of condensation on building surfaces and ductwork. Material should be stored at 21°C @ 50% relative humidity.