



## Ductwrap Data

### Product Description

**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.

Property	Typical value	Test Method
Colour (foam)	Black/Dark Grey	
Density (foam, kg/m <sup>3</sup> )	25 +/- 10%	ISO 845
Thermal Conductivity (W/mK) (@ 20 °C, 50% R.H.)	0.038	ASTM C518-04
Early Fire Hazard:		AS1530, Part 3
Ignitability	0	
Spread of flame	0	
Heat evolved Index	0	
Smoke evolved Index	1	
Fire & Smoke Behaviour	Class 0	BS476 Parts 6&7
Working Temp Range (°C)	-70/100	
Moisture Permeability (g/m <sup>2</sup> /24hr)	Less than 1.0	ASTM E96
Water Absorption (% Vol, 7days)	Less than 1%	JIS K6767
Compression Strength (Kpa) (@ 25% deflection)	25	ISO 844
Compression Set (%) (@ 22hr charge, 23 °C, 25% deflection)		ISO 1856C
- 0.5hr after discharge	25%	
- 24hr after discharge	17%	

*Excellent resistance to most chemicals and fungi.*

*Some parameter values are not guaranteed and will differ from lot to lot.*

### Typical Applications

Thermal insulation of air conditioning ducts, hot water tanks and vessels, pipes and fittings, raised floors, under slabs. Condensation prevention on the walls and ceilings, and acoustic insulation for various applications.

### Storage

Material should be stored at 21°C at 50% relative humidity.

**Disclaimer** All figures shown above represent typical test results in laboratory conditions, and are given without guarantee since the conditions of use are beyond the control of our company. It is the customer's responsibility to satisfy itself that the product is fit for the purpose for which it intends to use it and that the actual conditions of use are suitable.

### Sizes Available

- 5mm x 1m x 50m
- 10mm x 1m x 25m
- 15mm x 1m x 20m
- 20mm x 1m x 10m
- 25mm x 1m x 10m
- 25-60mm: 1 x 2m sheets
- Other sizes: available on request

### Product Features

- ✓ Lightweight and flexible for ease of application.
- ✓ User friendly - does not emit dust or fibre particles, not irritating to the skin & odourless.
- Can be supplied in rolls, sheets and cut strip rolls to required widths.
- ✓ Available with and without adhesive.
- ✓ Closed cell, does not hold water, and excellent resistance to fungi and bacteria growth.
- ✓ Reduces drumming and provides vibration dampening.
- ✓ Excellent fire & smoke behaviour with 'Class 0' rating under BS476 (Parts 6&7) and '0001' rating under AS1530 (Part 3).