Technical Data Sheet

FI 11 Ductflex™

Lightweight flexible blanket

Product description and typical applications

Ductflex™ is a lightweight roll product suitable for insulating flexible ducting of all types. The use of long, fine fibres in the manufacture of Ductflex enables the product to recover to its designed thickness even after prolonged periods of storage on fully compressed duct.

Duct insulated with this product will comply with the requirements of AS4254 “Ductwork for Air-handling Systems in Buildings” and AS4508 “Thermal Resistance of Insulation for Ductwork used in Building Air Conditioning”.

Physical characteristics

Material R-value (m^2 K/W)	0.6	1.0	1.2	1.5	1.8	2.0
Thickness (mm)	25	45	50	63	75	85
Roll Dimensions (mm)*	30m x various	30m x various	30m x various	24m x various	24m x various	24m x various
Density (kg/m^3)	11	11	11	11	11	11
Mass/Unit Area (kg/m^2)	0.3	0.5	0.6	0.7	0.8	0.9

NOTE: Ductflex have a perforated cut (Skipchop) at 6 metre intervals to aid installation onto flexible duct cores. Roll widths manufactured to suit 8” (200mm) - 20” (550mm) diameter flexible ducts.

Maximum service temperature

The maximum service temperature for FI 11 Ductflex is 340°C. When used in conjunction with flexible ductwork the temperature tolerance of the core and sleeve will limit this temperature.

Green Star compliant

Fletcher Insulation is committed to providing environmentally sustainable products. Fletcher Insulation products have Zero Ozone Depleting Potential in both manufacture and composition, complying with the GreenStar Insulant ODP Emissions credit requirement. Air quality is maintained with total Volitile Organic Compound (VOC) emissions below quantifiable levels.

AS1530.1 Test for combustibility of materials

Testing conducted by CSIRO in accordance with AS1530 Part 1 concluded that FI 11 Ductflex is non-combustible.

AS1530.3 Early fire hazard properties of materials

FI 11 Ductflex exhibits the following characteristics when tested in accordance with AS1530 Part 3.

Ignitability Index	0
Spread of Flame Index	0
Heat Evolved Index	0
Smoke Developed Index	0-1

Certified Product - AS/NZS4859.1
Global-Mark.com.au®
ID Number: 100577

Quality Management • ISO 9001
Global-Mark.com.au®

ZERO OZONE DEPLETING POTENTIAL

NON-COMBUSTIBLE

made from recycled materials

✓Low Allergen

FIS-1 GLASS WOOL BIO-SOLUBLE INSULATION

made™ and proud of it

DUCTFLEX™

Fletcher® Insulation

We safely deliver extraordinary value to our customers

Moisture absorption

Tested in an atmosphere of 65% relative humidity at 20°C in accordance with British Standard 2972. The moisture content of FI 11 Ductflex is less than 0.1% by volume.

Specification notes

State the following:

- Product name - Fletcher Insulation FI 11 Ductflex
- Material R-value required.AS1530.1 Test for combustibility of materials

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For further information call **1300 654 444**
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