

## FIRESTOP DUCT WRAP-38 TECHNICAL DATA SHEET

### PRODUCT DESCRIPTION

FIRESTOP Duct Wrap-38 is a flexible blanket fully encapsulated in an aluminium foil, with a nominal density 96 kg/m<sup>3</sup> and a nominal thickness 38mm. The foil encapsulation of the blanket prevents water, moisture or grease ingress ensuring good integrity and preventing mould growth. The core fibres in FIRESTOP Duct Wrap-38 are manufactured using ceramic fibres classified for applications up to 1,260°C.

It is used as passive fire protection for HVAC ducts, smoke extraction ducts and penetration seals. The Duct Wrap protection serves to stop fire or toxic smoke breakthroughs.

FIRESTOP Duct Wrap-38 has been developed, designed and locally tested in vertical and horizontal orientations for internal fire to AS1530.4 2014 Section 9 and is fully compliant with NZBC.



### PRODUCT PROPERTIES

- Tested to AS1530.4-2014 (internal fire)
- Passive fire protection systems designed & developed for the NZ construction market
- Tested with locally manufactured FIRESTOP Duct Hatch
- Flexible & easy to install
- Lightweight
- Contours easily to complex duct design
- Secured simply with welded pins
- Easy to repair
- Excellent sound absorption

### TECHNICAL PARAMETERS

Temperature Grade (°C)	1260
Recommended operating Temperature (°C)	1000
VOC	0
Fire Group number classification as per EN13501-1	A1
Surface Burning as per ASTM E84	Flame Spread Rating < 25 Smoke Developed Rating < 50

### STANDARD SPECIFICATION

Density (kg/m <sup>3</sup> )	96
Thickness (mm)	38
Thermal Resistance (R-value)	1.11
Width (mm)	1,000
Length (mm)	5,000
Foil Thickness (mm)	0.03
Packaging	1 roll/carton

### APPLICATION

FIRESTOP Duct Wrap-38 is suitable for application in commercial and residential projects as well as in specialised buildings & constructions.

Recommended Applications:

- Fire resistant enclosure for commercial kitchen grease ducts
- Stair pressurization ducts
- Life safety air and ventilation ducts.