

# CT-FF-18B-thermo foil

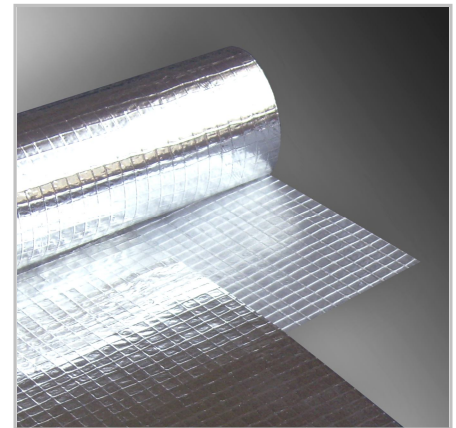
## ALUMINUM FOIL-SCRIM FACING WITH HEAT ACTIVATED ADHESIVE

### FEATURES:

- ◆ Light, strong and flexible
- ◆ Flame retardant
- ◆ Moisture resistant
- ◆ Coated with heat activated adhesive for lamination

### APPLICATION:

- ◆ Ready to use reflective facing for automatic heat activated lamination of construction and insulation materials



Facing Composition	Description	Values (English)	Values (Metric)
Foil	Aluminum	0.72 mil	18 micron
Reinforcing- MD	Fiberglass	1/5 inch spacing	5mm spacing
Reinforcing-XD	Fiberglass	1/5 inch spacing	5mm spacing
Heat-Activated Coating	PE	1 Mil	25 micron
Physical Properties	Test Method	Values (English)	Values (Metric)
Basis Weight	Scale	16 lbs / 1000 ft <sup>2</sup>	80 g / m <sup>2</sup>
Permeance (WVTR)	ASTM E96, Procedure A	0.02 perm	1.15 ng/N.s
Tensile Strength - MD	ASTM D828	16 lbs/in	71 N / 25 mm
Tensile Strength - XD	ASTM D828	16 lbs/in	71 N / 25 mm
Total thickness	Micrometer	6 mil	150 micron
Bursting Strength	ASTM D774	43.5 psi	30 N/cm <sup>2</sup>
Low Temperature Resistance	ASTM D1790 4 hrs @ -40 °F (- 40 °C)	Remains Flexible No Delamination	Remains Flexible No Delamination
High Temperature Resistance	ASTM D1790 4 hrs @ +240 °F (+116 °C)	Remains Flexible No Delamination	Remains Flexible No Delamination
Dimensional Stability	ASTM D1204 @ 150F (65C)	Less than 0.5%	Less than 0.5%
Emissivity	ASTM E408	0.05	0.05
Fire Rating	BS 476 Pt. 6 & 7	Class 1	Class 1
Available Roll Width		Values (English)	Values (Metric)
		47.2"	1.2m

1. \* Technical details are different for perforated version
2. The data above are typical results from tests conducted on samples taken from production runs of tape and may be updated without notice. Typical values are not intended to be used for specification development.
3. The product should be stored in the original packaging material at 20 +/- 5°C and 40-60% relative humidity and protected from direct sunlight, heat and moisture.
4. The user is ultimately responsible for determining whether the product is fit for a particular surface and suitable for user's application. No claims will be accepted after product is installed. The user should make necessary tests and trial-application of the product to confirm suitability for user's special purpose and method of application.
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