

Aluminum Foil Tape FS1805B

PRODUCT DESCRIPTION

Foil-Scrim backing (Foil: 18u / 2-way Scrim: 5x5mm), combined with a transparent high performance rubber-resin adhesive, protected by an easy-release silicone release paper.

FEATURES

- Foil-Scrim backing provides excellent reflection of both heat and light.
- High quality adhesive with super strong adhesion and holding power offers reliable and durable Foil-Scrim Facing joints and seams sealing in HVAC ductwork application.
- Low moisture vapor transmission rate makes FS1805 an excellent vapor barrier.
- Service Temperature range from -20 ~ +80 °C (-4~ +176 °F).

TYPICAL PHYSICAL PROPERTIES

PROPERTIES	METRIC	ENGLISH	TEST METHOD
Backing Thickness	43 Micron	1.7 Mil	PSTC-133 / ASTM D 3652
Total Thickness	83 Micron	3.3 Mil	PSTC-133 / ASTM D 3652
Adhesion to Steel	20 N/25mm	72 Oz./In.	PSTC-101 / ASTM D 3330
Tack Rolling Ball	20 cm	6.0 In.	PSTC-6 / ASTM D 3121
Tensile Strength	100 N/25mm	22.7 Lb/In	PSTC-131 / ASTM D 3759
Elongation	%.	3.0	PSTC-131 / ASTM D 3759
Service Temperature	-20 ~ +80 °C	-4 ~ +176 °F	-----
Applying Temperature	+10 ~ 40 °C	+50 ~ +105 °F	-----

TYPICAL APPLICATIONS:

HVAC industry for joining and sealing Foil-Scrim Facing laminated fiberglass blanket / duct board / pipe section joints and seams; joining and sealing flexible air duct seams and connections. May also be used for other industrial uses requiring a tape with these characteristics and benefits.