

Product data Sheet

Reinforced aluminium tape ISO001

Foil-Scrim backing (Foil: 18u / 2-way Scrim: 5x5mm), combined with a transparent high performance solvent acrylic adhesive, protected by an easy-release silicone release paper. Manufactured in accordance with ISO9001 standards.

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 BondTape FS1825B an excellent vapor barrier.
- Service Temperature range from -30 ~ +120 °C (-22~ +248 °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	15 N/25mm	52.5 Oz./In.	PSTC-101 / ASTM D 3330
Tack Rolling Ball	15 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%.	3.0%	PSTC-131 / ASTM D 3759
Service Temperature	-30 ~ +120 °C	-22 ~ +248 °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.

PRODUCT FORM & SIZE AVAILABLE

Cut Roll: 48 mm, 72mm, 96mm.

IMPORTANT NOTE

1. The data above are typical values only, and should not be used for specifications purpose.
2. Tolerance: Weight and Thickness: $\pm 10\%$; Width: $\pm 3\text{mm}$; Length: Cut Roll: $\pm 0.3\text{m}$, Jumbo Roll $\pm 0.5\%$.

STORAGE & SHELF LIFE: 12 months when stored at 21°C (70°F) / 50% relative humidity out of direct sunlight.