

FA2015

Aluminum Foil Tape



Composition:



White Paper
Acrylic Pressure Sensitive Adhesive
Pure Aluminum Foil

Applications:

- Suitable for bonding of seams in all aluminum foil composite materials.
- Insulation and vapor tightness of various glass wool/rock wool insulation boards/pipes and ducts.
- High-performance acrylic adhesive ensures suitability for all types of foam materials.

Features:

- High Tensile Strength & Good Holding Power
- Good Water Resistance & Excellent Permanent Bonding
- Nice Temperature & Aging Resistance

Standard Size

▪ Total Thickness	0.062mm
▪ Backing Material Thickness	0.03mm
▪ Width	10mm-1200mm
▪ Length	50m-1000m
▪ Backing Material	Aluminum
▪ Type of Adhesive	Acrylic
▪ Color	Silver

Technical Data (Average Values)

Property	Unit	Value	Test Method
Total Thickness (without liner)	μm	30	PSTC-33 / ASTM D3652
Peel Adhesion (180°)	N/25mm	≥ 18	PSTC-1 / ASTM D3330
Tack Rolling Ball	cm	≤ 15	PSTC-6 / ASTM D3121
Tensile Strength	N/25mm	≥ 43	PSTC-31 / ASTM D3759
Elongation	%	≥ 3.0	PSTC-31 / ASTM D3759
Application Temperature	°C	10~ 40	-----
Heat Resistance	°C	-20~ 120	-----

Remark:

- The data above are typical results and subject to change without notice.
- Tolerance: Weight and Thickness: 10%; Width: 3mm; Length: Cut Roll: 0.3m, Jumbo Roll 0.5%.

Storage:

- To obtain optimal adhesion, the bonding surface must be dry and clean.
- The ideal application temperature range is 20°C to 40°C. To apply tape on surface at temperature below 10°C be not recommend, because the adhesive becomes firm to adhere lightly.

Test Method: In accordance with GB/T 4851-1998 method.

Shelf Life:

12 months when stored in original carton at 23°C and 65% relative humidity.

Other:

- Rewinding length commonly used: 55m /roll, and can be processed according to customer demand.
- Special carton packaging.