



## Alupet Tape

### Product Description:

Diamond/Aerofoam Alupet Tape is a special aluminum foil tape reinforced with PET film backing combined with strong solvent acrylic adhesives and easy release liner. It is recommended as a closing tape for Aerofoam XLPE insulation.

### Features:

- Aluminum foil + PET laminate backing gives excellent reflection of both heat and light. It also provides greater and improved tear strength to the backing.
- Conforms well to irregular surface insulation materials due to its flexibility.
- The strong solvent-based acrylic adhesive offers very aggressive initial tack and a permanent bonding for insulation applications.
- Suitable for masking in electroplating of aluminum due to its non-contamination properties.

### Applications:

- Recommended as a closing tape for Aerofoam XLPE insulation.
- For laminating parts of an air conditioning ducting system.
- For roofing applications like flashing, joints and insulations.
- Used for sealing and joining ducts which provides an excellent vapor barrier in refrigeration applications.
- For general purpose holding, patching, sealing for indoor

### Product Specification:

Properties	Unit	Specification	Test Method
Backing Thickness	microns	28 ± 5	ASTM - D3652
Total thickness	microns	60 ± 5	ASTM - D3652
Adhesion To Steel	g/inch	> 1600	ASTM - D3330
Tensile Strength	g/inch	> 3200	ASTM - D3759
Elongation at Break	%	60%	ASTM - D3759
Shear Test	hours	> 96	ASTM - D3654
Tack Roll Ball	mm	< 120	ASTM - D3121
Temperature Range	NA	-5 to 65	-
VOC Content	mg/kg	22.79	USEPA 8260

Backing	Adhesive	Color	Liner
Foil reinforced with PET film	Solvent Acrylic	Dull Silver	White Release Paper

### Standard Roll Size & Packaging Specification:

Standard Sizes		
Width (mm)	Length (yd)	Rolls / Box
48	30	24
72	30	16
96	30	12

Sizes can be customized as per customer requirement.

### Application Instructions:

Before applying, the surface must be free from oil, solvent, water and dust. For best product performance, apply the tape at room temperature between 15°C and 45°C.

### Storage:

Store under normal room temperature and 50% RH in the original packaging

### Product Expiry:

Use within 12 months from the date of manufacturing.

**Note:** The values provided above are results of standard lab tests and are subject to variations. Users are to determine the suitability of the product for its intended purpose.