



Technical Data Sheet

150 Micron Foil Scrim Tape with Solvent Acrylic Adhesive

Product Description:

A high-performance foil scrim tape designed for HVAC duct sealing, insulation bonding, and general-purpose industrial use. The tape consists of a tri-directional fiberglass scrim reinforced aluminum foil backing coated with a strong solvent acrylic adhesive. It offers superior durability, UV resistance, and long-term bonding strength even in extreme conditions.

Product Construction:

Component	Description
Adhesive Type	Solvent Acrylic
Backing	Aluminum Foil with Fiberglass Scrim Reinforcement
Total Thickness	150 micron \pm 10%

Key Features:

- Excellent adhesion to metal and insulation surfaces
- Superior temperature and UV resistance
- High durability and moisture resistance
- Tri-directional scrim reinforcement for added strength
- Suitable for both indoor and outdoor use

Typical Performance Values:

Property	Value	Test Method
Peel Adhesion (SS, 180°)	≥ 1000 g/inch	ASTM D3330
Tensile Strength	≥ 40 N/cm	ASTM D3759
Temperature Resistance	-20°C to +120°C	Internal Method
Water Vapor Transmission Rate	< 1.0 g/m ² /24hr	ASTM E96
UV Resistance	Excellent	Internal Method

Applications:

- HVAC duct sealing and insulation wrapping
- Vapor barrier and foil facing lamination
- Industrial pipe wrapping and jacketing



- Reflective insulation bonding
- Construction and repair applications

Shelf Life & Storage:

12 months from the date of manufacture when stored at 20–25°C, 40–60% RH in original packaging.

Note:

The values presented above are typical and should not be used for specification purposes. Product performance should be tested under actual application conditions.

ZenCorp Tapes - Pack with Confidence

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