

**DESCRIPTION:**

1540 Aluminium Foil Tape is a 40u(micron) high strength nominal soft aluminium foil with a PREMIUM QUALITY VTACK™ solvent based aggressive acrylic adhesive and protected by an easy peel release liner. The flexible foil applies easily to both sheet metal and fibrous ducts and conforms well to many irregular surfaces. 1540 provides easy application and superior performance and durability over a wide range of demanding temperatures and environments. The product is also suitable for many other permanent sealing, holding, splicing or masking applications requiring the protection offered by a foil backing.

**FEATURES & BENEFITS:**

- Aluminum backing provides excellent heat conduction and reflection.
- High quality fire grade cold weather solvent acrylic adhesive offers reliable and durable bonding both at low temperature and high temperature.
- Epoxy resin coating contributes good surface anti-corrosion against moisture.
- Conforms well to irregular surfaces
- No moisture vapor transmission rate makes 1540 an excellent vapor barrier.
- Long lasting acrylic adhesive on one side
- Excellent weathering and ageing and long-term reliability
- Condensation protection
- Prevents heat loss and noise between substrates
- An easy unwind for fast application
- Excellent holding power and high load capability
- Conforms well to a variety of irregular surfaces

**TECHNICAL DATA August 2019**

PROPERTIES	1. METRIC	2. ENGLISH	TEST METHOD
Backing Thickness	40 Micron	1.8 Mil	PSTC-133 / ASTM D 3652
Total Thickness	80 Micron	3.4 Mil	PSTC-133 / ASTM D 3652
Adhesion to Steel	15 N/25mm	54 Oz./In.	PSTC-101 / ASTM D 3330
Tack Rolling Ball	5 cm	2.0 In.	PSTC-6 / ASTM D 3121
Tensile Strength	65 N/25mm	14.8 Lb/In	PSTC-131 / ASTM D 3759
Elongation	%.	3.0	PSTC-131 / ASTM D 3759
Service Temperature	-30 ~ +120 °C	-22 ~ +248 °F	-----
Fire Rating	25 / 50 & Class O	25 / 50 & Class O	UL 723 & BS476 Pt. 6 & 7
Volatile Organic Compound (VOC)	< 1% of the weight of the product supplied		
Ozone Depletion – ODP	ODP Free (will not cause ozone depletion)		

**TYPICAL APPLICATIONS:**

HVAC industry for joining and sealing Foil-PE Mesh laminated fiberglass blanket / duct board / pipe section joints and seams; joining and sealing flexible air duct seams and connections.

**PRODUCT SIZE:**

(contact AFC for other custom sizes)

**STORAGE & SHELF LIFE:**

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

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