

GT50HT™

The Premium High Tack Cold Weather Aluminium Foil Tape

Product Description

GT50HT is the premium aluminum foil tape. Manufactured to the highest of specifications and coated with a solvent acrylic pressure sensitive instant grab adhesive, this conformable dead soft aluminium foil tape can be easily moulded to irregular surfaces, maintaining insulation efficiency by protecting against the effects of fire, moisture and dust.

Designed with today's demanding application requirements in mind, this premium grade tape product exhibits superior standards of reliability, strength and durability whilst exceling in demanding temperature and humidity applications, making GT50HT the tape of choice for extreme environments.

Product Data

Item	Value	Standard
Adhesive	Solvent Acrylic	
Product Thickness	2 mil	PSTC-133 / ASTM D 3652
Total Thickness	3.5 mil	PSTC-133 / ASTM D3652
Elongation at Break	3%	PSTC-6 / ASTM D 3759
Tensile Strength	10.2 lb/in	PSTC-131 / ASTM D 3759
Tack Rolling Ball	2.0 in	PSTC-6 / ASTM D3121
Adhesion to Steel	54 oz/in	PSTC-101 / ASTM D 3330
Service Temperature	-31°F to 248°F	
Application Temperature	-4°F to 105°F	
Fire Rating	25/50	ASTM E84 / UL723

Markets

- Asbestos abatement
- Construction
- HVAC
- Process plant
- Marine & offshore

Product Characteristics

- Bright aluminium finish
- High quality siliconised release liner
- Available in 2, 3 & 4in widths

Features

- Aluminium backing providing excellent reflection of both heat and light.
- Cold weather adhesive with moderate adhesion offering excellent sealing and bonding on joints and seams in HVAC ductwork applications.
- Excellent aging resistance for both internal and external applications
- Low moisture vapour transmission rate offers excellent sealing and patching performance.

Typical Applications

Widely used in the HVAC industry for joining and sealing of foil-scrim faced laminated fibreglass blankets, duct board, pipe sections and seams. Extensively used but not limited to joining and sealing of flexible air duct seams and connections, in both internal and external applications.



Technical Data Sheet

Also used in other industrial applications requiring an adhesive tape with similar characteristics and benefits. Please check with a technical product expert to determine suitability for a particular purpose prior to use.

Storage / Shelf Life

12 months when stored in original, unopened packaging at 21°C (70°F) / 50% relative humidity, and kept out of direct sunlight.

Directions For Use:

Surface Preparation

Ensure all surfaces are dry and clean, free from dirt, dust, grease, oil and silicones.

Ensure firm pressure is applied to the tape to provide the best adhesive bond, and that sufficient tape is applied (of at least 1 in) either side of joints to provide a long-lasting seal.

Application

Remove the release paper from the section of GT50HT tape, taking care not to touch the adhesive surface.

Align the tape centrally over the joint. Pull the tape taut and then press down firmly over the entire joint area.

Rub the tape to remove any wrinkles or folds.

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About ProTech Global Ltd

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