

GT40HT™

The Premium High Tack Cold Weather Aluminium Foil Tape

Product Description

GT40HT™ 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 GT40HT™ the tape of choice for extreme environments.

Product Data

Item	Value	Standard
Adhesive	Solvent Acrylic	
Product Thickness	40 micron	PSTC-133 / ASTM D 3652
Total Thickness	80 micron	PSTC-133 / ASTM D3652
Elongation at Break	3%	PSTC-6 / ASTM D 3759
Tensile Strength	45 N/25mm	PSTC-131 / ASTM D 3759
Tack Rolling Ball	5 cm	PSTC-6 / ASTM D3121
Adhesion to Steel	15 N/25mm	PSTC-101 / ASTM D 3330
Service Temperature	-35°C to 120°C	
Application Temperature	-20°C to 40°C	
Fire Rating	Class 0	BS476 parts 6&7

Markets

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

Product Characteristics

- Bright aluminium finish
- High quality siliconised release liner
- Available in 48, 60, 72 & 96mm 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 25mm) either side of joints to provide a long-lasting seal.

Application

Remove the release paper from the section of GT40HT™ tape, taking care not to touch the adhesive surface.

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

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About ProTech Global Ltd

ProTech Global Ltd is a UK based company that has manufactured anti-corrosion products for over 25 years. With many years' experience in differing types of protection scenarios, ProTech Global Ltd has a reputation as a trusted supplier and partners with many corporations worldwide.

ProTech Global Ltd:

Unit 3 Lynx Crescent, Weston Industrial Estate, Weston-super-Mare, BS24 9DJ, UK

Tel: +44 (0)117 298 0573

Email: sales@protechglobal.co.uk