



Technical Data Sheet

GT1629HT™

Premium Tri-directional Mesh Backed Foil Tape

Product Description

ProTech Global's GT1629HT™ is a premium grade tri-directional mesh backed reinforced foil / polyethylene tape protected by an easy release silicone paper, making it ideal for use as a vapour barrier for reinforced aluminium faced fibreglass or mineral wool thermal insulation. This high performance adhesive tape is fire retardant and mould resistant.

Being of laminated construction and manufactured to the highest of specifications this cost effective adhesive tape product provides an effective insulative barrier against heat, cold, dust and moisture. The high performance pressure sensitive adhesive provides a long term adhesive bond which excels in both very cold and high humidity environments.

Product Data

Item	Value	Standard
Adhesive	Solvent Acrylic	
Product Thickness	125 micron	PSTC-133 / ASTM D 3652
Total Thickness	175 micron	PSTC-133 / ASTM D 3652
Elongation at Break	25%	PSTC-131 / ASTM D 3759
Tack Rolling Ball	15cm	PSTC-6 / ASTM D 3121
Tensile Strength	100 N/25mm	PSTC-131 / ASTM D 3759
Adhesion to Steel	20 N/25mm	PSTC-101 / ASTM D 3330
Service Temperature	-30°C to +120°C	
Application Temperature	10°C to 40°C	

Markets

- Asbestos abatement
- Construction
- HVAC
- Process plant

Product Characteristics

- Bright aluminium finish
- High quality siliconised release liner
- Available in 48, 60, 72 & 96mm widths

Features

- Aluminium foil / polyethylene backing providing excellent reflection of both heat and light sources.
- Extremely high-quality solvent acrylic with superior strength high tack adhesion, offering reliable and durable sealing and bonding characteristics.
- Low moisture vapour transmission makes GT1629HT™ an excellent vapour barrier.
- Exhibits unparalleled capabilities in extreme cold and high humidity environments.

Typical Applications

Widely used in the HVAC industry for joining and sealing of foil / polyethylene mesh laminated fibreglass faced insulation, duct board, pipe sections and seams, and for the jointing and sealing of flexible air duct seams and connections. Used in both internal and external applications.



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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, silicones or other contaminants.

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 GT1629HT™ 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.

Rub the tape to remove any wrinkles or folds.

Legal Notices

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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