ProTech Global

Technical Data Sheet

GTR55™

The Premium Reinforced Aluminium Foil Tape

Product Description

GTR55™ manufactured with a reinforced foil is easy to apply and the perfect solution for those challenging environments where an increased strength foil faced premium tape product is required.

Complementing our market leading range of premium foil faced tape products, this superior tape, manufactured to the highest specifications benefits from a reinforced 5mm²glass scrim and kraft paper. Coated with an aggressive pressure sensitive solvent acrylic the final bond has high shear strength exhibiting superior standards of reliability, strength and durability, promoting the optimum balance of surface conformity and tensile strength making it the perfect choice for the sealing of foil faced insulation materials, rigid board and pipe section, mineral wool slab, rolls and pipe sections in the heating ventilation & air conditioning sectors.

Product Data

Item	Value	Standard
Adhesive	Solvent Acrylic	
Product Thickness	43 micron	PSTC-133 / ASTM D 3652
Total Thickness	83 micron	PSTC-133 / ASTM D 3652
Elongation at Break	3%	PSTC-131 / ASTM D 3759
Tensile Strength	100 N/25mm	PSTC-131 / ASTM D 3759
Tack Rolling Ball	5 cm	PSTC-6 / ASTM D 3121
Adhesion to Steel	15 N/25mm	PSTC-101 / ASTM D 3330
Service Temperature	-30˚C to 120˚C	
Application Temperature	10˚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 with fibreglass scrim backing providing excellent reflection of both heat and light.
- Cold weather adhesive with moderate adhesion offering excellent sealing and bonding on foil-scrim facing joints and seam 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.

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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 GTR55™ 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

Precautions in use: GTR55™ Foil Tape is intended for joint sealing applications only. GTR55™ is not suitable for use where the joint is subject to mechanical stress. In this instance, insulation should be fixed using a suitable adhesive or hanger system in accordance with BS5970. For further information, please contact Protech Global Ltd on +44 (0)1934 318468 or email sales@protechglobal.co.uk

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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.

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