ProTech Global

Technical Data Sheet

GT30PRO™

Superior Seal Rubber-based Adhesive Aluminium Foil Jointing Tape

Product Description

Manufactured to the highest of specifications and coated with a high tack synthetic rubber-based adhesive GT30PRO™ is a market leading tape product for use in multiple sectors. This conformable dead soft aluminium foil tape exhibits instant grab and can be easily moulded to any profile, maintaining insulation efficiency by protecting against the effects of fire, moisture and dust.

GT30PRO™ meets with today's demanding application requirements by providing superior standards of reliability, strength and durability with its key characteristics promoting the optimum balance of surface conformity and tensile strength making it the ideal choice for the sealing of foil faced insulation materials, metal and duct sealing, asbestos abatement and other general purpose applications.

Product Data

Item	Value	Standard
Adhesive	Rubber	
Product Thickness	30 micron	PSTC-133 / ASTM D 3652
Total Thickness	90 micron	PSTC-133 / ASTM D 3652
Elongation at Break	6%	PSTC-131 / ASTM D 3759
Tack Rolling Ball	10cm	PSTC-6 / ASTM D 3121
Tensile Strength	90 N/25mm^2	PSTC-131 / ASTM D 3759
Adhesion to Steel	Initial: 25 N/25mm25 N/25mm 24 hours >25 N/25mm (approx.)	PSTC-101 / ASTM D 3330
Service Temperature	-20˚C to +90˚C	
Application Temperature	+5˚C	
Fire Rating	EN13501-1	B, S1, D0

Markets

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

Product Characteristics

- Bright aluminium finish
- High quality siliconised release liner
- Available in 50, 75 & 100mm widths

Features

- Aluminium backing providing excellent reflection of both heat and light sources.
- Extremely high-quality rubber adhesive with superior strength high tack adhesion offering reliable and durable sealing and bonding characteristics.
- Excellent aging resistance for both internal and external applications.
- Low moisture vapour transmission rate offers excellent vapour barrier for 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.

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 GT30PRO™ 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: GT30PRO™ Foil Tape is intended for joint sealing applications only. GT30PRO™ 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.

ProTech Global Ltd:

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

Tel:+44 (0) 1934 318468 **Email: sales@protechglobal.co.uk**