

GTB65™

Premium Reinforced Matt Black Aluminium Foil Tape

Product Description

GTB65™ is a professional grade reinforced 30 micron aluminium foil tape in a matt black finish. This foil / scrim laminate with a bi-directional 5mm x 5mm reinforcement is coated with an aggressive synthetic rubber adhesive and protected by an easy release silicone paper.

Being of laminated construction and manufactured to the highest of specifications this professional reinforced tape product is easily conformable to irregular surfaces, providing an effective instant barrier against, heat cold, dust and moisture. GTB65™ is the professional solution for the installer looking for a reinforced matt black aluminium faced tape for interior applications.

Product Data

Item	Value	Standard
Adhesive	Synthetic Rubber	
Product Thickness	30 micron	DIN EN 1942
Elongation at Break	3-5%	DIN EN 14410
Tensile Strength	220 N/50mm	DIN EN 14410
Peel Adhesion	32 N/25mm	
Shear Adhesion	36 N/25mm	
Service Temperature	-20°C to 75°C	
Application Temperature	10°C to 35°C	

Markets

- Construction
- HVAC
- Process plant
- Interior Design
- Arts & Entertainment

Product Characteristics

- Matt black finish
- High quality siliconised release liner
- Available in 50, 75, 100 & 1200mm widths

Features

- High strength reinforced fibreglass scrim
- Aggressive adhesive
- Easy to apply even at low temperatures
- Safe protection against moisture penetration
- Acts as a barrier against water and water vapor
- GTB65 has excellent ageing properties
- High shear strength even with varying temperatures

Typical Applications

Widely used by the HVAC industry in commercial or entertainment internal voids for the 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, where design requirements are



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, 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 GTB65™ 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

Precautions in use: GTB65™ Foil Tape is intended for joint sealing applications only. GTB65™ 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

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