

MF65™

Tri-Laminate Cryogenic Vapour Barrier Tape

Product Description

MF65™ is a premium vapour barrier tape product. Manufactured as a three-layer lamination of polyester film(12 micron), aluminium foil(25 micron) and polyester film(12 micron), and coated with a cold weather pressure sensitive acrylic adhesive, this premium grade tape product is specifically designed as a vapour barrier in thermal insulations.

This conformable tri-laminate tape applies the outstanding chemical characteristics of its polyester and aluminium construction to provide outstanding performance; exceling in extreme cold or humid conditions. Suitable for internal applications providing a complete vapour stop solution, MF65 meets the demanding requirements of the today's professional installers.

Product Data

Item	Value	Standard
Adhesive	Solvent Acrylic	
Product Thickness	49 micron	DIN 53 3570
Material Weight	108 g/m ²	EN 2286
Adhesive Thickness	50 micron	
Elongation	63%	EN 527-3
Tensile Strength	109 N/15mm	EN 527-3
Peel Strength	7.9 N/cm	PSTC-101
Water Vapour Permeability	<0.01 g/m ² 24hr	ISO 15105-2
Application Temperature	-30°C to 130°C	

Markets

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

Product Characteristics

- Bright metallic finish
- High quality siliconised release liner
- Available in 48, 72, 98 & 1200mm widths

Features

- Laminated aluminium backing providing excellent reflection of both heat and light sources.
- Extremely high-quality solvent acrylic high tack adhesive offering reliable and durable sealing and bonding characteristics at extreme cold and high humidity environments.
- Excellent aging resistance for both internal and external applications.

Typical Applications

Widely used in the HVAC industry as a vapour barrier for the jointing and sealing of insulation materials, fibreglass blankets, duct board, pipe sections and seams. Suited for exterior use applications and for use cases in extreme cold and high humidity environments.

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 MF65™ 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: MF65™ Foil Tape is intended for joint sealing applications only. MF65™ 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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