

## PRODUCT DESCRIPTION

This reinforced aluminum foil tape consists of an aluminum foil that is coated with a high-performance, solvent-based pressure-sensitive adhesive, and is protected by a single-sided PE coated silicone release liner. This tape features higher tensile strength, exceptional peel adhesion, and a permanent bond, making it highly effective for various applications. It offers excellent resistance to water and corrosion, along with impressive temperature and aging stability. Ideal for bonding seams in aluminum foil composite materials, it is also suitable for sealing and repairing insulation punctures and breaks. Additionally, it ensures insulation and vapour tightness for glass wool and rock wool insulation boards, pipes, and ducts, as well as for securing metal components in household appliances like refrigerators and freezers.

## APPLICATIONS

- HVAC and Ductwork: Sealing and joining seams in fiberglass duct board, sheet metal ducts, and flexible air ducts.
- Insulation Sealing: Excellent for sealing Foil-Scrim-Kraft faced insulation materials to ensure a continuous vapour barrier.
- Cold Weather Applications: Formulated to perform in cold temperatures for exterior insulation installation and repair, resisting lifting and curling.
- Vapour Barrier Maintenance: Applied to foil-jacketed systems to prevent moisture infiltration and condensation.
- Industrial and Construction: Used for patching and general maintenance in industrial, commercial, and residential insulation projects.

## FEATURES & BENEFITS

- High tensile strength
- Excellent peel adhesion and permanent bonding
- Good resistance to water and corrosion
- Nice temperature and aging resistance



## PHYSICAL PROPERTIES

TECHNICAL PROPERTY	VALUES	TEST METHOD
Adhesive	Solvent based acrylic	-
Total Thickness	4.7 mils	-
Peel Adhesion (180°)	≥18 N/25mm	PSTC-1 / ASTM D3330
Tack Rolling Ball	≤20cm	PSTC-6 / ASTM D3121
Tensile Strength	≥80 N/25mm	PSTC-31 / ASTM D3759
Elongation	≥5.0 %	PSTC-31 / ASTM D3759
Application Temperature	10°C to 40°C	-
Heat Resistance	-20°C to 120°C	-

## STANDARD WIDTHS

48 mm  
72 mm

## STANDARD LENGTH

45 m

## AVAILABLE COLOURS

Silver Aluminum

## PRODUCT RECOMMENDATIONS

The products should be stored at room temperature, away from moisture and heat sources.

It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied is clean, dry, and free from grease and oil.

Users are advised to conduct tests prior to application to ensure the tape's suitability for their specific needs and techniques.

The above properties and results obtained refer to the average values of laboratory testing carried out on the sample Lowry® product. Lowry® does not guarantee testing accuracy and makes no guarantee of product performance, safety, or suitability, either expressed or implied, when used alone or in combination with other products. It is essential as with all pressure sensitive tapes, that the surface to which the tape is applied must be clean, dry, and free of grease and oil. Lowry® strongly urges users to undertake independent testing in order to verify the suitability of the product for whatever intended use. Lowry® assumes no responsibility for any damage or injury sustained as a result of the use of its products.