

## Reinforced Aluminium

54FT  
FOIL TAPE

High Strength Holding Power

## Technical Data Sheet

## DESCRIPTION

Foil-PE Mesh backing, combined with high performance solvent acrylic adhesive, protected by an easy-release silicone release paper.

## APPLICATIONS

54FT Re-Inforced Aluminium Foil Tape is suitable for:

- Joints & seams sealing in HVAC duct work application.
- Joining & sealing pipes

## Substrates:

- Fiberglass blanket
- Duct board
- Pipes

## ADVANTAGES

- Excellent reflection of both heat & light
- High quality adhesive with super strong adhesion
- Holding power reliable & durable
- Low vapour transfer, excellent vapour barrier

## PRODUCT CHARACTERISTICS

<b>Colour</b>	Aluminium
<b>Service Temperature</b>	-30°C to +120°C
<b>Product Codes</b>	54FT48 - Length: 50 Width: 48 54FT72 - Length: 50 Width: 72

## TYPICAL PROPERTIES

## TEST METHOD

<b>Backing Thickness</b>	125 Micron	PSTC-133 / ASTM D 3652
<b>Total Thickness</b>	175 Micron	PSTC-133 / ASTM D 3652
<b>Adhesion to steel</b>	20 N/25mm	PSTC-133 / ASTM D 3330
<b>Tack Rolling Ball</b>	20cm	PSTC-6 / ASTM D 3121
<b>Tensile Strength</b>	100 N/25mm	PSTC-131 / ASTM D3753
<b>Elongation</b>	25.0%	PSTC-131 / ASTM D3753
<b>Applying Temperature</b>	+10 - 40°C	

The data above are typical values only, and should not be used for specifications purpose.  
Tolerance: Weight and Thickness: ±10%; Width: ±3mm; Length: Cut Roll: ±0.3m, Jumbo Roll ±0.5%.

## INSTRUCTIONS FOR USE

Read and understand the Safety Data Sheet before using this product. SDS can be acquired by visiting [www.macsim.com.au](http://www.macsim.com.au).

### Surface Preparation

It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied must be clean, dry, free of grease, oil or other contaminants.

### Applications Instructions

It is essential that the user evaluate the product to determine whether it is fit for a particular purpose and user's method of application. Good results will be obtained when applied to a clean, dry surface with a suitable pressure on products between +10 ~ +40°C (+50 ~ +105 °F).

### Shelf Life

12 months when stored at 21°C (70°F) / 50% relative humidity.

## HEALTH & SAFETY

### Safety

Re-inforced Aluminium foil tape is non-hazardous. If poisoning occurs, contact Poisons Information Centre: Australia: 13 11 26; New Zealand: 0800 764 766.

For more information and advice on the safe handling, storage and disposal of this product refer to the Safety Data Sheet. The can be acquired by visiting [www.macsim.com.au](http://www.macsim.com.au)

### DISCLAIMER

The information in this Technical Data Sheet (TDS) is based on our present knowledge to the date of the publication. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. It is only a guide for safe handling, use, storage, transporting and disposal of the product.