

Ametalin Reinforced Insulation/Ducting Tape

Product Codes: IDTR-4850 | IDTR-7250

For joining and sealing reflective foam insulation and ductwork closure

Reinforced for superior strength and flexibility

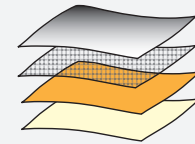


Ametalin Reinforced Insulation/Ducting Tape is a high performance 0.178 mm UV-resistant PE scrim reinforced tape coated with a cold weather acrylic adhesive. Designed with vapour-sealing properties to complement our full range of reflective membranes, it can be used with all roof sarking, wall wraps and floor insulation. It is also ideal for use in the HVAC and ducting industry. Ametalin Reinforced Insulation/Ducting Tape provides superior performance and durability with an easy application over a wide range of temperatures and environmental conditions. It will not delaminate with age.

Features and Benefits

- > UV resistant and fire tested
- > Reinforced for superior strength and flexibility
- > Hand tearable
- > Vapour sealing
- > High performance over a wide temperature range: Minus 30°C to +120°C
- > Higher adhesion and tack than traditional cloth duct tapes
- > Excels in high heat
- > Moisture resistance in humid conditions

Construction



- > Aluminium Foil
- > PE Scrim
- > Acrylic PSA
- > Silicone Coated Paper

Dimensions

48 mm x 50 m
72 mm x 50 m

Handling and Storage

Store this product in a clean, dry place out of direct sunlight.

Material Properties

TEST	TYPICAL VALUE	TEST METHOD
PRODUCT THICKNESS (TOTAL)	178 µm	PSTC-133/ASTM D 3652
THICKNESS (CARRIER)	127 µm	PSTC-133/ASTM D 3652
THICKNESS (ADHESIVE)	51 µm	PSTC-133/ASTM D 3652
PEEL ADHESION	20 N/25 mm	PSTC-101/ASTM D 3330
TENSILE STRENGTH	100 N/25 mm width	PSTC-131/ASTM D 3759
ELONGATION	25%	PSTC-131/ASTM D 3759
MINIMUM SERVICE TEMPERATURE	-30°C	
MAXIMUM SERVICE TEMPERATURE	+120°C	
APPLICATION TEMPERATURE	10°C to 40°C	
EARLY FIRE HAZARD	0, 0, 0, 1	AS/NZS 1530.3-1999

Typical values are not intended to be used for specification development. Technical data is believed to be true and accurate; Ametalin recommends that the purchaser test for fitness of use in all applications. Application surface must be clean, dry and free of oil and other contaminants. Apply pressure with plastic squeegee, ensuring that all contours are followed.

Tape Application

1. Ensure that the surfaces to be adhered to are clean, dry and free from oil and other contaminants.
2. Ensure tape is centred on the join.
3. Apply tape, ensuring that the maximum surface contact is achieved by allowing the tape to conform to contours in the product. Apply firm pressure with a squeegee applicator as you apply the tape.
4. Whenever possible, apply tape to joins that have a firm backing (e.g. studs or rafters) to achieve maximum application pressure. If this is not possible, then provide support from behind with short pieces of steel studs or timber.
5. Taping of joins is a method of sealing joins only, and is not a suitable substitute for mechanical fixing in situations where there may be stress or pressure on the join (e.g. wind loading, etc.). In such cases, a more secure method of securing the join must be considered.

Performance insulation for a greener world

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Durability may be affected by environmental factors, including chemical and airborne pollutants, if used in industrial or farm buildings.

Australian designed for Australian conditions. Ametalin 9-11 Playford Crescent, Salisbury North SA 5108 T: +61 8 8285 6955 F: +61 8 8285 5911 E: info@ametalin.com

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