



COLD WEATHER ALUMINUM FOIL TAPE


FEATURES:

- ◆ Cold weather acrylic adhesive
- ◆ High temperature resistance
- ◆ Low moisture vapor transmission rate
- ◆ Excellent reflection of heat and light, Good water vapor resistance



TYPICAL APPLICATION:

- ◆ To seal joints of metal ducts, laminated fiberglass blanket, duct board joints, and insulation facings in ventilation and construction

Construction				<ul style="list-style-type: none"> ◆ Dead Soft Aluminum Foil ◆ Solvent based acrylic adhesive, Cold weather formula ◆ Silicone release PE-coated paper liner
	PROPERTIES	Metric	English	TEST METHOD
Foil Thickness	40 Micron	1.6 mil	PSTS-133 / ASTM D 3652	
Total Thickness (Foil + Adhesive)	80 Micron	3.2 mil	PSTS-133 / ASTM D 3652	
Adhesion to Steel	16 N/25mm	57.6 Oz/inch	PSTC-101 / ASTM D 3330	
Rolling Tack (11 mm ball)	5 cm	2.0 inch	PSTC-6 / ASTM D 3121	
Tensile strength	228 N/100 mm	12.5Lb/inch	PSTC-131 / ASTM D 3759	
Elongation	3%	3%	PSTC-131 / ASTM D 3759	
Service Temperature	-35 ~ +120 °C	-31 ~ + 248 °F	-----	
Surface burning characteristics	Meet or exceed and class "0" BS476 and UL 723 requirements			
Core I.D.	76mm	3"		
Roll width	48mm, 50mm (2"), 60mm, 63mm (2.5"), 72mm, 75mm (3"), 96mm, 100mm (4")			
Roll length	27m (30 yards), 30m (100'), 45m (50 yards), 50m, 100m			

1. The data above are typical results from tests conducted on samples taken from production runs and may be updated without notice. Typical values are not intended to be used for specification development. Tolerance: Weight and thickness: ±10%; width: ±3mm; length: Cut Roll: ±2%, Jumbo Roll ±1%.
2. The product should be stored in the original packaging material at 20 +/- 5°C and 40-60% relative humidity and protected from direct sunlight, heat and moisture. Shelf life: One year when stored at the conditions described above.
3. The surface to which the tape is applied must be clean, dry, free of grease and oil and other contaminants and deposits. Recommended temperature of application: 50 – 105 °F (10 – 40 °C).
4. The user is ultimately responsible for determining whether the product is fit for a particular surface and suitable for user's application. No claims will be accepted after product is installed. The user should make necessary tests and trial-application of the tape to confirm suitability for user's special purpose and method of application.
5. Self adhesive tapes are designed for sealing applications only. In the instance when the sides of the joint are subject to mechanical stress, both sides should be securely positioned using appropriate fasteners or hangers prior to the self adhesive tapes application.
6. Calem Technology warranty that the product is free from defects in material and workmanship. Should any failure to conform to this warranty appear within one year after the initial date of shipment, Calem Technology shall, upon notification thereof and substantiation that the product have been stored and applied in accordance with the above requirements, at Calem Technology discretion, replace or credit the product's purchasing price equivalent.
7. Limitation of liability. Calem Technology Inc. and seller of CT Tape products will not be liable for any loss or damage arising from the CT Tape product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.



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