

CT-FFC 181 | stick-n-shield cladding

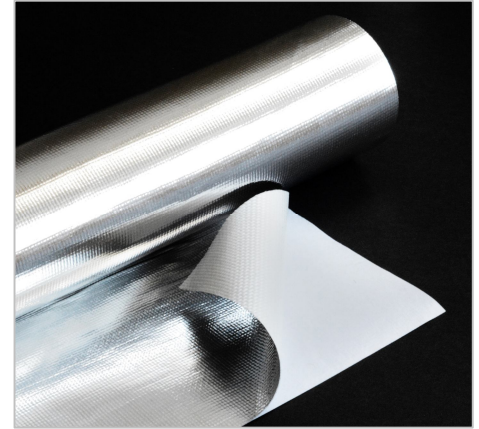
PROTECT AND SEAL DUCTS AND PIPES

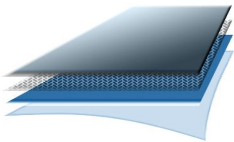
FEATURES:

- ◆ completely flame retardant components
- ◆ high tack cold weather acrylic adhesive
- ◆ very high tear and puncture resistance
- ◆ excellent reflection of heat and light
- ◆ excellent vapor barrier

TYPICAL APPLICATION:

- ◆ As a cladding material
- ◆ To protect ducts and pipe insulation



Construction		<ul style="list-style-type: none"> ◆ aluminum foil ◆ 8 x 8 mesh glass cloth ◆ flame retardant adhesive ◆ silicone release paper liner 		
	PROPERTIES	Metric	English	TEST METHOD
Backing Thickness	125 Micron	5 mil	PSTS-133 / ASTM D 3652	
Total Thickness	180 Micron	7.2 mil	PSTS-133 / ASTM D 3652	
Adhesion to Steel	16 N/25mm	58 Oz/inch	PSTC-101 / ASTM D 3330	
Rolling Tack	5 cm	2 inch	PSTC-6 / ASTM D 3121	
Tensile strength	255 N/25 mm	58 Lb/inch	PSTC-131 / ASTM D 3759	
Elongation	5%	5%	PSTC-131 / ASTM D 3759	
Service Temperature	-30 ~ +120 °C	-22 ~ + 248 °F	-----	
Fire Rating	25/50 & Class 0	25/50 & Class 0	UL 723 & BS476 Pt.6 & 7	
Core I.D.	76mm	3"		
Roll width	60 cm; 120 cm (2ft; 4 ft), custom width on request			
Roll length	45m (50 yards), 50 m, 100 m, custom length available			

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.
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. The user should make necessary tests and trial-application of the product to confirm suitability for user's special and application technique.
5. Self adhesive products and 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 mechanically positioned using appropriate fasteners or hangers prior to the self adhesive tapes/products 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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