

Duct Tape: Multi Purpose Technical Data Sheet

FEATURES

This tape is composed with a backing made of low density polyethylene with polyester-cotton mixed fibers and a rubber-resin adhesive. The high adhesion, conformability and strength of this tape make it useful for a broad range of applications as duct sealing, waterproofing, join and protect.

Can be used outdoors and in industrial process because of its high temperature resistance and its water-proof resistance. Designed to withstand abrasive, corrosive and leaks.

PRODUCT APPLICATION

Can be used for ducts sealing in air conditioners or heaters, is also useful for joining plastic or metal pipes. This tape can be used to hold, join and repair a broad kind of materials.

COLORS

Available color **SILVER**.

SUGGESTION

Is essential that the surface on which the tape is applied is clean, dry and free of grease, oil and other contaminants.

LIFETIME AND STORAGE

The lifetime of this product is **6 months** since fabrication, keeping it in its original boxes away from heat sources as: Direct sunlight or shelves next to exterior roofs.

The floor's cold and humidity could affect the product performance, the suitable conditions for storage are: 69,8 °F and 51% of relative humidity. We recommend rotating the stock in the practice of "first in, first out".

Note: For special colors and measures, please contact our sales agent.

Composition	Specification		
Backing	Low Density Polyethylene w/Polyester-Cotton Mixed Fibers		
Adhesive	Rubber - Resin		
Adhesive Activation	Pressure Sensitive		
Composition	Metric Unit Specification	Standard Unit Specification	Test Method
Total Thickness	182 ± 17 microns	7.2 ± 0.67 mils	PSTC-133
Organic Solvent's Composition	<1 %	<1 %	N/A
Adhesive Properties	Metric Unit Specification (Minimum Value)	Standard Unit Specification (Minimum Value)	Test Method
Adhesion to Steel 180° (Peel)	1200 g/inches	42 oz/inches	PSTC-101
Loop Tack (Stickiness)	1200 g/inches	42 oz/inches	PSTC-16
Shear 1"x1"x1kg (Holding Power)	50 hours	50 hours	PSTC-107
Primary Physical Properties	Metric Unit Specification	Standard Unit Specification	Test Method
Tensile Strength	31.5 ± 10% N/cm	18 ± 10% lb/inches	PSTC-131
Elongation	24 ± 20%	24 ± 20 %	PSTC-131
Thermic / Electric properties	Metric Unit Specification	Standard Unit Specification	Test Method
Minimum Temperature of Application	0 °C	32 °F	NTK
Maximum Temperature of Application	35 °C	95 °F	NTK
Standard Sizes	Metric Unit Specification	Standard Unit Specification	
Width	48 mm	2 inches	
Length	10, 30, 50 m	11, 33, 55 yards	



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