

Packaging Tape: 100 Heavy Duty Technical Data Sheet



FEATURES

Design specially for industry applications, manufactured with bi-oriented polypropylene that grants a great tension strength and breaking resistance, with a thick and aggressive water-based acrylic adhesive that grants to the final user the trust that the package will be always in good conditions. Offering the best performance and versatility to satisfy any packaging application.

Its adhesive is good for the environment, doesn't have solvents and can be used in a broad range of weathers. It doesn't crystallize at low temperature or melt at high temperature so it does not compromise the package integrity or the products. The water-based acrylic adhesive improves its stickiness with the pass of time, keeping its properties, doesn't yellow and doesn't leak, making our tape a high quality product.



PRODUCT APPLICATION

Useful for industry applications as: Case sealing, bulks, paper splices, plastic wrap, polyethylene and big or heavy packages. Can be applied manually or with tape dispensers.



COLORS

Clear ● Tan ● White ○



SUGGESTION

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



LIFETIME AND STORAGE

The lifetime of this product is 1 year since fabrication, keeping it in its original boxes away from heat sources as, Direct sunlight or shelves next to the exterior roofs.

The floors 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".

Composition		Specification	
Backing	BOPP (Bi Oriented Polypropylene)		
Adhesive	Water-Based Acrylic		
Adhesive Activation	Pressure Sensitive		
Composition	Metric Unit	Standar Unit	Test Method
Backing Thickness	25 microns	1.0 mils	PSTC-133
Dry Adhesive Thickness	22 microns	0.9 mils	PSTC-133
Total Thickness	47 ± 1 microns	1.9 ± 0.039 mils	PSTC-133
Organic Solvent's Composition	0 %	0 %	N/A
Adhesive Properties	Metric Unit (Minimum Value)	Standar Unit (Minimum Value)	Test Method
Adhesion to Steel 180° (Peel)	600 g/inches	21 oz/inches	PSTC-101
Loop Tack (Stickness)	800 g/inches	28 oz/inches	PSTC-16
Shear 1"x1"x1kg (Holding Power)	50 hours	50 hours	PSTC-107
Primary Physical Properties	Metric Unit	Standar Unit	Test Method
Tensile Strength	35 ± 10% N/cm	20 ± 10% lb/inches	PSTC-131
Elongation	150 ± 20 %	150 ± 20 %	PSTC-131
Thermic / Electric Properties	Metric Unit	Standar Unit	Test Method
Minimum Temperature of Application	0 °C	32 °F	NTK
Maximum Temperature of Application	35 °C	95 °F	NTK
Measures	Metric Unit	Standar Unit	
Width	48, 72 mm	2, 3 inches	
Length	50, 100, 150, 910 m	55, 110, 166, 1000 yards	

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



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