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3M™ Scotch® Box Sealing Tape 313

Product Description

Scotch® Box Sealing Tape 313 is designed for easy handling and smooth dispensing. The high coating weight of acrylic adhesive makes it ideal for wide temperature swings and applications where it is applied. It adheres well to recycled liner paper and will maintain its performance and appearance better than most products when exposed to UV light.

Product Features

- Adheres instantly to a variety of surfaces.
- Conformable backing.
- Edge tear and split resistant.
- Good aging in sunlight or fluorescent lighting.
- Reliable closures.
- Long life in use.



Technical Information Note

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Typical Physical Properties

Property	Values		Method
Color	Clear and Tan		
Total Tape Thickness	0.065 mm	2.55 mil	ASTM D3652
Backing Thickness	0.041 mm	1.6 mil	ASTM D3652
Backing	Biaxially oriented polypropylene film		
Adhesive	*Pressure sensitive acrylic		
*Note	Requires no moisture, heat or solvent for activation.		

Typical Performance Characteristics

Property	Values	Method	Backing	Notes	Substrate
180° Peel Adhesion	32 oz/in	ASTM D3330	2 mil Aluminum Foil	12 in/min (300 mm/min) 72 hr dwell on Stainless Steel	
180° Peel Adhesion	35 N/100mm	ASTM D3330			Stainless Steel
Elongation at Break	125 %	ASTM D3759			

Tensile Strength		Test Condition
613 N/100mm	35 lb/in	Machine Direction
981 N/100mm	56 lb/in	Cross Direction

Property: Tensile Strength

Method: ASTM D3759

Available Sizes

Property	Values		Test Name
Standard Roll Length	50, 100, 914, 1500 m	55, 109, 1000, 1641 yd	
Standard Width	48, 72 mm	1.9, 2.8 in	
Core Size	76.2 mm	3 in	ID

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Storage and Shelf Life

Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40 to 50% relative humidity are recommended. To obtain best performance, use this product within 18 months from date of manufacture.

Trademarks

Scotch is a registered trademark of 3M.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/company-us/all-3m-products/~ /Scotch-Box-Sealing-Tape-313?N=5002385+3293241259&rt=rud
Safety Data Sheet (SDS)	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=313

ISO Statement

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

Information

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