

November, 2018

3M™ Scotch® Transparent Film Tape 600

Product Description

Scotch® Tape 600 is a transparent film tape that is excellent for various packaging applications. It has a pressure sensitive acrylic adhesive system which is long aging and highly transparent. The combination of this adhesive and the backer gives this tape excellent stain and sunlight resistance, making it an excellent choice for use on fabrics. Scotch® Tape 600 is also recommended for gift-wrapping, combining, attaching, light duty carton sealing and other miscellaneous uses.

Product Features

- Easy-release treated.
- Meets CID A-A-113 Type 1 Class D.
- Moisture and chemical resistant.
- Roll stability.
- Long aging.
- Controlled, smooth unwind.
- Unaffected by changing atmospheric conditions and resistant to many acids, alkalies and solvents.
- Has good edge tear and breakage resistance.
- Easy to read through.
- Excellent holding and good dispensing properties.
- Does not yellow on fabrics.



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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	Transparent		
Total Tape Thickness	0.058 mm	2.3 mil	ASTM D3652
Backing Thickness	0.038 mm	1.5 mil	ASTM D3652
Backing	3M™ UPVC Film		
Adhesive	Pressure sensitive acrylic		

Typical Performance Characteristics

Property	Values		Method	Backing	Notes
180° Peel Adhesion	3.5 N/cm	32 oz/in	ASTM D3330	2 mil Aluminum Foil	12 in/min (300 mm/min) 72 hr dwell on Stainless Steel
Tensile Strength	49 N/cm	28 lb/in	ASTM D3759		Machine Direction
Elongation at Break	45 %		ASTM D3759		

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Available Sizes

Property	Values		Attribute Modifier
Standard Roll Length	66 m	72 yd	
Standard Width	9.5, 12.7, 19, 25.4, 38.1, 50.8 mm	3/8, 1/2, 3/4, 1, 1.5, 2 in	
Core Size	76.2 mm	3 in	ID
Available Sizes	Custom widths and lengths available on request, subject to minimum order requirements.		

Handling/Application Information

Application Techniques

An extensive line of manual, semi-automatic and automatic equipment is available to facilitate application of Scotch® Tape 600.

Storage and Shelf Life

Storage of Scotch® Tape 600 at 70°F (21°C) and 40-50% relative humidity is recommended. To obtain best performance, use this product within 18 months from date of manufacture.

Industry Specifications

Meets CID A-A-113 Type 1 Class A

Trademarks

Scotch is a registered trademark of 3M Company.
3M is a trademark of 3M Company.

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References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/company-us/search/~/Scotch-Light-Duty-Packaging-Tape-600-High-Clarity?N=5002385+3293242421&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=600

ISO Statement

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

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Information

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