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3M™ Scotch® Transparent Film Tape 605

Product Description

Scotch® Transparent Film Tape 605 is designed for various light-duty packaging applications such as attaching, mending, gift wrapping, holding and L-Clips. This product offers good performance over broad temperature ranges; specifically in cold and damp applications.

Product Features

- Conformable backing.
- Edge tear and split resistant.
- Good aging in sunlight or fluorescent lighting.
- Smooth unwind.
- Quick and easy in application.
- Easy to read through.
- Good cold temperature stability.
- FDA approved for indirect food contact.



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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	Clear		
Total Tape Thickness	0.063 mm	2.5 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
180° Peel Adhesion	3 N/cm	27 oz/in	ASTM D3330	2 mil Aluminum Foil	12 in/min (300 mm/min) 72 hr dwell on Stainless Steel
Longitudinal Tensile Strength	38.5 N/cm	22 lb/in	ASTM D3759		
Elongation at Break	57 %		ASTM D3759		

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Available Sizes

Property	Values		Attribute Modifier
Standard Roll Length	65.8 m	72 yd	
Standard Width	9.5, 12.7, 19, 25.4 mm	3/8, 1/2, 3/4, 1 in	
Core Size	76.2 mm	3 in	ID

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-Light-Duty-Packaging-Tape-605-Cold-Temperature?N=5002385+3293242205&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=605

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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