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3M™ Scotch® Transparent Film Tape 640

Product Description

Scotch® 640 is a transparent film tape used for sealing, tabbing, splicing, various inner-pack applications and garment applications. This product has a conformable backing and a consistent pressure sensitive acrylic adhesive system.

Product Features

- Adheres instantly to a variety of surfaces
- Removes cleanly from garments treated with a variety of finishing and treatments. Non-staining or yellowing.
- Roll to roll consistency increases productivity for improved unit costs.
- Complies with environmental considerations of ASTM D 1974-92



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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	0.048 mm	1.9 mil	ASTM D3652
Backing Thickness	0.03 mm	1.2 mil	ASTM D3652
Backing	Paklon™		
Adhesive	Pressure sensitive acrylic		

Typical Performance Characteristics

Property	Values		Method	Substrate	Test Condition
Peel Adhesion	2.5 N/cm	22 oz/in	ASTM D3330	Stainless Steel	
Tensile Strength	56 N/cm	32 lb/in	ASTM D3759		Machine Direction
Elongation at Break	65 %		ASTM D3759		

Available Sizes

Property	Values	
Standard Roll Length	66 m	72 yd

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Available Sizes (continued)

Property	Values	
Standard Width	12.7, 19, 25.4, 38.1, 50.8 mm	1/2, 3/4, 1, 1.5, 2 in
Core Size (ID)	76.2 mm	3 in

Handling/Application Information

Application Techniques

An extensive line of application equipment including hand held manual dispensers and semi-automatic and fully automatic equipment is available. Application of Scotch® Transparent Film Tape 640 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, Scotch® Tape 640 performs well throughout the normal temperature ranges typically encountered by packaged products in shipping and storage requirements.

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.

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Information

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Trademarks

Scotch is a registered trademark of 3M.

Paklon is a trademark of 3M.

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References

Safety Data Sheet (SDS)

https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=640

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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