

Scotch®

Transparent Film Tape

640



Technical Data

May, 2010

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.

Construction	Backing	Adhesive	Color
	Paklon™	Pressure sensitive acrylic	Clear

Typical Physical Properties **Note: The following technical information and data should be considered representative or typical only, and should not be used for specification purposes.**

ASTM Test Method		
Adhesion to Steel:	28 oz./in. width (30 N/100 mm)	D-3330
Tensile Strength:		
Machine Direction	32 lbs./in. width (560 N/100 mm)	D-3759
Elongation at Break:	65%	D-3759
Tape Thickness - Backing:	1.2 mil (0.030 mm)	D-3652
Total:	1.9 mil (0.048 mm)	

- 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

Available Sizes	Standard Widths:	1/2", 3/4", 1", 1.5" and 2"
	Core Size (ID):	3 in.
	Length:	72 yards

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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.
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Storage Conditions	Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40 to 50% relative humidity are recommended.
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Shelf Life	To obtain best performance, use this product within 18 months from date of manufacture.
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Technical Information	The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.
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ISO 9001:2000

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.



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Printed in U.S.A.
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