English

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Technical Data Sheet

Scotch® Light Duty Packaging Tape 640+

Product Details

Regulatory Info/SDS

Product Description

Scotch® Light Duty Packaging Tape 640+ is a transparent film tape specifically designed to provide a unique combination of high tack and excellent clean-release properties for garment taping. It also can be used for sealing, tabbing, splicing, and various inner-pack 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 synthetic and natural fiber garments treated with a variety of finishing and treatments. Non-staining or yellowing.
• Roll to roll consistency increases productivity for improved unit costs.

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

Attribute Name	Test Method	Value
Color		Clear
Adhesive Type		Pressure sensitive acrylic
Backing		Paklon™ UPVC
Backing Thickness	ASTM D3652	0.038 mm (1.5 mil)
Total Tape Thickness	ASTM D3652	0.058 mm (2.3 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Test Condition	Value
180° Peel Adhesion	ASTM D3330	22 °C (72 °F)		5.7 N/cm (50 oz/in) [1]
Elongation at Break	ASTM D3759			50 %
Tensile Strength	ASTM D3759		Machine Direction	32 lb/in
Tensile Strength	ASTM D3759			56 N/cm [2]
Tensile Strength	ASTM D3759			47.3 N/cm (27 lb/in)

[1] 12 in/min (300 mm/min)

[2] Machine Direction

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® Light Duty Packaging 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® Light Duty Packaging 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.

Available Sizes

Attribute Name	Value
Core Size (ID)	76.2 mm (3 in)
Standard Roll Length	66 m (72 yd)
Standard Width	12.7, 19, 25.4 mm (1/2, 3/4, 1 in)

Information

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ISO Statement

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

3M
Closure and Masking Systems Division
3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
800-362-3550 • 877-369-2923 (Fax)
www.3M.com

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