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Technical Data Sheet

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 A.
- 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.

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		Transparent
Adhesive Type		Pressure sensitive acrylic
Backing		3M™ UPVC Film
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	Value
180° Peel Adhesion	ASTM D3330	23 °C (73 °F)	3.5 N/cm (32 oz/in) ¹
Elongation at Break	ASTM D3759		45 %
Tensile Strength	ASTM D3759		49 N/cm (28 lb/in) ²

¹ 304 mm/min (12 in/min)

² Machine Direction

Handling/Application Information

Application Techniques

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

Industry Specifications

Meets CID A-A-113 Type 1 Class A

Storage and Shelf Life

Store under normal conditions of 16° to 27° C (60° to 80° F) and 40 to 60% relative humidity in the original packaging, out of direct sunlight. For 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	9.5, 12.7, 19, 25.4, 38.1, 50.8 mm (3/8, 1/2, 3/4, 1, 1.5, 2 in)

Available Sizes - Detailed

Custom widths and lengths available on request, subject to minimum order requirements.

Information

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ISO Statement

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

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