



Technical Data Sheet

3M™ Scotch® Transparent Film Tape 605



[Product Details](#)



[Regulatory Info/SDS](#)

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

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.

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		Biaxially oriented polypropylene film
Backing Thickness	ASTM D3652	0.041 mm (1.6 mil)
Total Tape Thickness	ASTM D3652	0.063 mm (2.5 mil)
*Note		Requires no moisture, heat or solvent for activation.

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C (72 °F)	3 N/cm (27 oz/in) ¹
Elongation at Break	ASTM D3759		57 %
Longitudinal Tensile Strength	ASTM D3759		38.5 N/cm (22 lb/in)

¹ 12 in/min (300 mm/min)

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	65.8 m (72 yd)
Standard Width	9.5, 12.7, 19, 25.4 mm (3/8, 1/2, 3/4, 1 in)

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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.

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