



Technical Data Sheet

3M™ Scotch® Colored Film Tape 690



[Product Details](#)

Product Description

Scotch® Tape 690 is a colored film tape featuring a durable, moisture- and chemical resistant 3M™ Paklon™ film backing with a rubber resin adhesive. This decorative colored film is excellent for various packaging, color-coding, bag sealing, combining, and attaching applications.

Product Features

- Meets CID A-A-113 Type 1 Class B.
- Long-aging construction.
- Good “wet grab” adhesion.
- Extended life, good aging.
- Resists turning brittle with age.
- Heat shrinks bi-directionally to provide a secure closure.
- Color-coding is simple; provides visual inventory and security closure.
- Color coordination with consumer packaging.
- Controlled unwind for reliable hand dispensing.
- Sticks to the job for customer satisfaction.
- Immediate adhesion to film, chipboard, glass, plastic, metals and other surfaces.
- Can be used in applications where the presence of moisture or chemicals would cause other films to fail.

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		Black, blue, green, red, white, and yellow
Adhesive Type		Pressure sensitive rubber resin
Backing		3M™ Paklon™ film
Backing Thickness	ASTM D3652	0.037 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	22 °C (72 °F)	3.3 N/cm (30 oz/in) ¹
Elongation at Break	ASTM D3759		45 %
Longitudinal Tensile Strength	ASTM D3759		61.3 N/cm (35 lb/in)

¹ 12 in/min (300 mm/min)

Handling/Application Information

Application Techniques

An extensive line of manual, semi-automatic, and automatic equipment is available to facilitate application of Scotch® Tape 690. Recommended dispensers are Scotch® Bag Sealer P400 and P410.

Industry Specifications

CID A-A-113 Type 1 Class B

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, 12, 24, 48 mm
Standard Width	9, 12, 24, 48 mm ¹

¹ Not all colors are available in all widths. Please check the price page.

Information

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ISO Statement

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

For Additional Information

To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit www.3M.com/packaging.

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