



# Technical Data Sheet

3M™ Scotch® Colored Film Tape 690



[Product Details](#)



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## 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) <sup>1</sup>
Elongation at Break	ASTM D3759		45 %
Longitudinal Tensile Strength	ASTM D3759		61.3 N/cm (35 lb/in)

<sup>1</sup> 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

Storage of tape at 70°F (21°C) and 40-50% relative humidity is 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	9, 12, 24, 48 mm
Standard Width	9, 12, 24, 48 mm <sup>1</sup>

<sup>1</sup> Not all colors are available in all widths. Please check the price page.

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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.

## 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](http://www.3M.com/packaging). Address correspondence to: 3M Industrial Adhesives and Tapes Division, Building 21-1W-10, 900 Bush Avenue, St. Paul, MN 55144-1000. Our fax number is 651-778-4244. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

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