



# 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	23 °C (73 °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> 304 mm/min (12 in/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 <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 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).

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