

April, 2003

# 3M™ Scotch® Colored Film Tape 690

## 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.

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## 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

Property	Values		Method
Color	Black, blue, green, red, white, and yellow		
Total Tape Thickness	0.058 mm	2.3 mil	ASTM D3652
Backing Thickness	0.037 mm	1.5 mil	ASTM D3652
Backing	3M™ Paklon™ film		
Adhesive	Pressure sensitive rubber resin		

## Typical Performance Characteristics

Property	Values		Method	Substrate
Peel Adhesion	3.3 N/cm	30 oz/in	ASTM D3330	Stainless Steel
Longitudinal Tensile Strength	61.3 N/cm	35 lb/in	ASTM D3759	
Elongation at Break	45 %		ASTM D3759	

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## Available Sizes

Property	Values		Notes
Standard Roll Length	66 m	72 yd	
Standard Width	9, 12, 24, 48 mm		Not all colors are available in all widths. Please check the price page.
Core Size (ID)	76.2 mm	3 in	

## 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.

### 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.

## Industry Specifications

CID A-A-113 Type 1 Class B

## References

Property	Values
3m.com Product Page	<a href="https://www.3m.com/3M/en_US/company-us/all-3m-products/~-/Scotch-Color-Coding-Tape-690?N=5002385+3293242415&amp;rt=rud">https://www.3m.com/3M/en_US/company-us/all-3m-products/~-/Scotch-Color-Coding-Tape-690?N=5002385+3293242415&amp;rt=rud</a>
Safety Data Sheet (SDS)	<a href="https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=690">https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=690</a>

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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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## Information

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