

Scotch® Colored Film Tape 690



Technical Data

April, 2003

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.

Construction

Backing

3M™ Paklon™ film

Adhesive

Pressure sensitive rubber resin

Colors

Black, blue, green, red, white, and yellow

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only, and should not be used for specification purposes.

ASTM Test Method

Adhesion to Steel:	30 oz./in. width (33 N/100 mm width)	D-3330
Longitudinal Tensile Strength:	35 lbs./in. width (613 N/100 mm width)	D-3759
Elongation at Break:	45%	D-3759
Tape Thickness - Backing:	1.5 mil (0.037 mm)	D-3652
Total:	2.3 mil (0.058 mm)	D-3652

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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Available Sizes	Standard Widths:*	9 mm, 12 mm, 24 mm, 48 mm
	Core Size (ID):	3 in.
	Lengths:	66 m
*Note: Not all colors are available in all widths. Please check the price page.		

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.
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Storage Conditions	Storage of tape at 70°F (21°C) and 40-50% relative humidity is recommended.
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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 . 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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ISO 9002

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9002 standards.



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