

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# Scotch<sup>®</sup> Colored Film Tape 690

**3M** 

### **Product Description**

Scotch® Tape 690 is a colored film tape featuring a durable, moisture- and chemical-resistant 3M<sup>TM</sup> Paklon<sup>TM</sup> 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	Adhesive	Colors
	3M™ Paklon™ film	Pressure sensitive rubber resin	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.

		ASTWI 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: Total:	1.5 mil (0.037 mm) 2.3 mil (0.058 mm)	D-3652 D-3652

#### **Features**

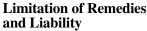
- Meets CID A-A-113 Type 1 Class B.
- Long-aging construction.
- Good "wet grab" adhesion.
- Extended life, good aging.
- Resists turning brittle with age.
- Heat shrinks bi-directionally to provide a secure closure.
- Color-coding is simple; provides visual inventory and security closure.

- 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.

## **Scotch® Colored Film Tape**

690

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.		
Storage Conditions	Storage of tape at 70°F (21°C	C) and 40-50% relative humidity is recommended.	
For Additional Information	or visit www.3M.com/packaging. Add Building 21-1W-10, 900 Bush Avenu	nation or to arrange for sales assistance, call toll free 1-800-362-3550 dress correspondence to: 3M Industrial Adhesives and Tapes Division, Je, St. Paul, MN 55144-1000. Our fax number is 651-778-4244. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.	
Important Notice	IMPLIED WARRANTY OF MERCH. responsible for determining whether application. Please remember that real particular application. The material materials, the product selected for understanding the can affect the use and performance and performance of a 3M product, selected.	PRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY ANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. User is the 3M product is fit for a particular purpose and suitable for user's many factors can affect the use and performance of a 3M product in als to be bonded with the product, the surface preparation of those ise, the conditions in which the product is used, and the time and the product is expected to perform are among the many factors that of a 3M product. Given the variety of factors that can affect the use some of which are uniquely within the user's knowledge and control, the 3M product to determine whether it is fit for a particular purpose in.	
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3M shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including, but not limited to, contract, negligence, warranty, or strict liability.



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



