

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	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.

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.

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) and 40-50% relative humidity is recommended.
--------------------	---

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.
----------------------------	---

Important Notice	3M MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's application. Please remember that many factors can affect the use and performance of a 3M product in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a 3M product. Given the variety of factors that can affect the use and performance of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's application.
------------------	--

Limitation of Remedies and Liability	If the 3M product is proved to be defective, THE EXCLUSIVE REMEDY, AT 3M'S OPTION, SHALL BE TO REFUND THE PURCHASE PRICE OF OR TO REPAIR OR REPLACE THE DEFECTIVE 3M PRODUCT. 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.
--------------------------------------	---

ISO 9002

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



Industrial Business
Industrial Adhesives and Tapes Division
3M Center, Building 21-1W-10, 900 Bush Avenue
St. Paul, MN 55144-1000



Recycled Paper
40% pre-consumer
10% post-consumer

Printed in U.S.A.
©3M 2003 70-0710-0266-4 (4/03)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

3M:

[690-Black-12mmx66m](#) [690-Black-24mmx66m](#) [690-Blue-12mmx66m](#) [690-Green-12mmx66m](#) [690-Red-12mmx66m](#)
[690-Red-24mmx66m](#) [690-White-12mmx66m](#) [690-Yellow-12mmx66m](#) [690-Yellow-24mmx66m](#) [690](#)