



Safety Stripe Tapes

5700 • 5702

Technical Data

August, 1995

Product Description Two-color plastic tapes – 5700: Black/white stripes; 5702: Black/yellow stripes – to identify/mark traffic areas and physical hazards.

Construction	Backing	Adhesive	Colors	Standard Roll Length
	Vinyl plastic (Transparent with stripes printed on underside)	Rubber	5700 tape black/white; 5702 tape black/yellow	36 yds. (33 m)
	Standard Widths Available: 2, 3, 4 in. (50, 75, 100 mm)			

Typical Physical Properties and Performance Characteristics

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:	20 oz./in. width (22 N/100 mm)	D-3330
Tensile Strength at Break:	15 lbs./in. width (260 N/100 mm)	D-3759
Elongation at Break:	170%	D-3759
Backing Thickness:	4.2 mils (0.11 mm)	D-3652
Total Tape Thickness:	5.4 mils (0.14 mm)	D-3652

Application Conditions Best results are achieved on a clean, dry surface at temperatures between 60°F (15°C) and 80°F (27°C). Use of 3M brand 81/82 tape primer is suggested to help achieve maximum bond if surface or temperature conditions are questionable.

General Information

- Resists most common chemicals and solvents, but care must be taken to avoid ketones, esters and chlorinated hydrocarbons which may cause backing to swell or degrade in the intended product application.
- Avoid using on highly plasticized materials which may result in adhesive softening and subsequent adhesion failure of tape.
- Thoroughly clean all surfaces before application. When applying to cold, moist or otherwise contaminated surfaces, it is suggested that 3M brand tape primer be used in conjunction with 5700/5702 tapes.
- The shelf life for 5700/5702 tapes is 18 months from the date of manufacture when stored in a clean, dry environment between 60-80°F (15-27°C) and 40-50% relative humidity.

Safety Stripe Tape

5700 • 5702

Application Ideas

- Floor marking
- Hazard identification

Features

- Sharp, contrasting colors
- Clear vinyl over colored stripes
- 5 mil total thickness

Advantages

- Readily identifies hazardous areas
- Helps protect stripes from abrasion
- Resists snagging often associated with thicker products

Benefits

- Promotes awareness of hazardous areas
- Longer life than many surface printed products
- Long expected life before re-taping

For Additional Information

To request additional product information or to arrange for sales assistance, call toll free 1-800-227-5085. Address correspondence to: 3M Industrial Tape and Specialties Division, 3M Center, Building 220-8E-04, St. Paul, MN 55144-1000. Our fax number is 612-733-9175. In Canada, phone: 1-519-451-2500. In Puerto Rico, phone: 1-809-750-3000. In Mexico, phone: 5-728-0400.

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 method of application. Please remember that many factors can affect the use and performance of a 3M ITSD 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 ITSD product. Given the variety of factors that can affect the use and performance of a 3M ITSD product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M ITSD product to determine whether it is fit for a particular purpose and suitable for the user's method of 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 negligence, warranty, or strict liability.

ISO 9002

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

3M

Industrial Tape and Specialties Division

3M Center, Building 220-7E-01
St. Paul, MN 55144-1000



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

Printed in U.S.A.
©3M 1995 70-0703-2503-3