

3M™ Safety Stripe Tape 5700

Product Description

3M™ Safety Stripe Tapes are durable vinyl tapes used to identify and mark traffic areas and physical hazards.

Product Features

- Resists most common 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.
- Best results are attained when applied to a clean, dry surface at temperatures between 60° to 80°F (16° to 27°C).



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/White		
Total Tape Thickness	0.14 mm	5.4 mil	ASTM D3652
Backing Thickness	0.11 mm	4.2 mil	ASTM D3652
Backing	Vinyl (transparent with stripes printed on underside)		
Adhesive Type	Rubber		

Typical Performance Characteristics

Property	Values		Method	Notes	Test Condition
180° Peel Adhesion	2.1 N/cm	19 oz/in	ASTM D3330	12 in/min (300 mm/min)	
Tensile Strength	26 N/cm	240 oz/in	ASTM D3759		
Elongation at Break	170 %		ASTM D3759		
Long Term Temperature Resistance	77 °C	170 °F			Long Term (day, weeks)
Minimum Long Term Temperature Resistance	4 °C	40 °F			Long Term (day, weeks)

Available Sizes

Property	Values	
Standard Roll Length	33 m	36 yd

Handling/Application Information**Application Examples**

- Excellent for many lane and safety marking applications.
- Helps identify hazard areas.

3M™ Safety Stripe Tape 5700

Storage and Shelf Life

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton.
To obtain best performance, use this product within 18 months from date of manufacture.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/company-us/all-3m-products/~/-/3M-Safety-Stripe-Tape-5700/?N=5002385+3293241038&rt=rud
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=5700

Family Group

	5700	5702
Long Term Temperature Resistance (°C) Test Condition: Long Term (day, weeks)	77	77
Minimum Long Term Temperature Resistance (°C) Test Condition: Long Term (day, weeks)	4	4
Color	Black/White	Black/Yellow
Total Tape Thickness (mm)	0.14	0.14
Backing Thickness (mm)	0.11	0.11
Backing	Vinyl (transparent with stripes printed on underside)	Vinyl (transparent with stripes printed on underside)
Adhesive Type	Rubber	Rubber
Tensile Strength (N/cm)	26	26

ISO Statement

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

Information

Technical Information: The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

Product Selection and Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

Warranty, Limited Remedy, and Disclaimer: Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability: Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

Disclaimer: 3M industrial and occupational products are intended, labeled, and packaged for sale to trained industrial and occupational customers for workplace use. Unless specifically stated otherwise on the applicable product packaging or literature, these products are not intended, labeled, or packaged for sale to or use by consumers (e.g., for home, personal, primary or secondary school, recreational/sporting, or other uses not described in the applicable product packaging or literature), and must be selected and used in compliance with applicable health and safety regulations and standards (e.g., U.S. OSHA, ANSI), as well as all product literature, user instructions, warnings, and limitations, and the user must take any action required under any recall, field action or other product use notice. Misuse of 3M industrial and occupational products may result in injury, sickness, or death. For help with product selection and use, consult your on-site safety professional, industrial hygienist, or other subject matter expert. For additional product information, visit www.3M.com.



3M United States
3M Center
St. Paul, MN 55144-1000
800-362-3550
www.3M.com

Please recycle.
© 3M 2021. All Rights Reserved.

The brands listed above are trademarks of 3M

