

## 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.

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## 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	<a href="https://www.3m.com/3M/en_US/company-us/all-3m-products/~/3M-Safety-Stripe-Tape-5700/?N=5002385+3293241038&amp;rt=rud">https://www.3m.com/3M/en_US/company-us/all-3m-products/~/3M-Safety-Stripe-Tape-5700/?N=5002385+3293241038&amp;rt=rud</a>
Safety Data Sheet SDS	<a href="https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=5700">https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=5700</a>

## 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

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