



Technical Data Sheet

3M™ Safety Stripe Tape 5700



[Product Details](#)



[Regulatory Info/SDS](#)

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

Attribute Name	Test Method	Value
Color		Black/White
Adhesive Type		Rubber
Backing		Vinyl (transparent with stripes printed on underside)
Backing Thickness	ASTM D3652	0.11 mm (4.2 mil)
Total Tape Thickness	ASTM D3652	0.14 mm (5.4 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C (72 °F)	2.1 N/cm (19 oz/in) ¹
Elongation at Break	ASTM D3759		170 %
Tensile Strength	ASTM D3759		26 N/cm (15 lb/in)
Long Term Temperature Resistance			77 °C (170 °F) ²
Minimum Long Term Temperature Resistance			4 °C (40 °F) ²

¹ 12 in/min (300 mm/min)

² Long Term (day, weeks)

Handling/Application Information

Application Examples

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

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 18 months from date of manufacture.

Available Sizes

Attribute Name	Value
Standard Roll Length	33 m (36 yd)

Information

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ISO Statement

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

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