



# 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	23 °C (73 °F)	2.1 N/cm (19 oz/in) <sup>1</sup>
Elongation at Break	ASTM D3759		170 %
Tensile Strength	ASTM D3759		26 N/cm (15 lb/in)
Long Term Temperature Resistance			77 °C (170 °F) <sup>2</sup>
Minimum Long Term Temperature Resistance			4 °C (40 °F) <sup>2</sup>

<sup>1</sup> 304 mm/min (12 in/min)

<sup>2</sup> 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**

<b>Attribute Name</b>	<b>Value</b>
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.

3M™ Industrial Adhesives and Tapes Division  
3M Center, St. Paul, MN 55144-1000  
[3M.com/iatd](http://3M.com/iatd)

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