



# Technical Data Sheet

## Scotch® Flatback Masking Tape 250



[Product Details](#)



[Regulatory Info/SDS](#)

### Product Description

Scotch® Flatback Masking Tape 250 is used for adhesion testing of paint and coatings. It was designed for bundling and holding applications where a stronger paper backing and aggressive adhesive are needed.

### Product Features

- Aggressive rubber adhesive provides instant adhesion to a wide variety of surfaces.
- Certified to minimum 60 oz/inch adhesion to steel per ASTM D-3330 Method A.
- Lot code and date printed in the core.
- Treated flat stock backing has good tensile strength to resist breakage.
- Not recommended for outdoor exposure as it may become difficult to remove.

### 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		Tan
Adhesive Type		Rubber
Backing		Flat Stock Paper
Total Tape Thickness	ASTM D3652	0.15 mm (5.9 mil)

### Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C (72 °F)	9.2 N/cm (84 oz/in) <sup>1</sup>
Elongation at Break	ASTM D3759		4 %
Tensile Strength	ASTM D3759		107 N/cm (61 lb/in)
Short Term Temperature Resistance			52 °C (125 °F) <sup>2</sup>

<sup>1</sup> 12 in/min (300 mm/min)

<sup>2</sup> Short Term (minutes, hour)

### Handling/Application Information

#### Application Examples

- Scotch® Flatback Masking Tape 250 has is used for adhesion testing according to ASTM D-3359 and other similar methods.
- Scotch® Flatback Masking Tape 250 can be certified to meet ASTM D 6123 / D 6123M-97.
- PPP-T42C Type II and CID-A-A-883B are obsolete standards which have been replaced by ASTM D 6123 / D 6123M-97.
- 3M no longer qualifies Scotch® Flatback Masking Tape 250 to meet the inactive specification MIL-F-18264D.

### 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.

## Available Sizes

Attribute Name	Value
Standard Roll Length	54.8 m (60 yd)

## Information

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## ISO Statement

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

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