



# Technical Data Sheet

## Scotch® Flatback Masking Tape 250

### 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.
- 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	0.17 mm (6.6 mil)

### Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	23 °C (73 °F)	10 N/cm (91 oz/in) <sup>1</sup>
Elongation at Break	ASTM D3759		3.7 %
Tensile Strength	ASTM D3759		82 N/cm (47 lb/in)
Short Term Temperature Resistance			52 °C (125 °F) <sup>2</sup>

<sup>1</sup> 300 mm/min (12 in/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- PPP-T42C Type II and CID-A-A-883B are obsolete standards which have been replaced by ASTM D 6123 / D 6123M-97.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 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	54.8 m (60 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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