



Technical Data Sheet

Scotch® Flatback Masking Tape 250



[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.
- 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

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C	10 N/cm ¹
Elongation at Break	ASTM D3759		3.7 %
Tensile Strength	ASTM D3759		82 N/cm
Short Term Temperature Resistance			52 °C ²

¹ 12 in/min (300 mm/min)

² 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- PPP-T42C Type II and CID-A-A-883B are obsolete standards which have been replaced by ASTM D 6123 / D 6123M-97.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

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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