



Flatback Masking Tape

250

Technical Data

June, 2008

Product Description 3M™ Flatback Masking Tape 250 is used for bundling and holding applications where a stronger paper backing is needed.

Product Construction	Backing	Adhesive	Color	Standard Roll Length
	Flat stock paper	Rubber adhesive	Tan	60 yds. (54.8 m)

Typical Physical Properties **Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.**

		ASTM Test Method
Adhesion to Steel:	70 oz./in. width (77 N/100 mm width)	D-3330
Tensile Strength:	58 lbs./in. width (1016 N/100 mm width)	D-3759
Elongation at Break:	4%	D-3759
Tape Thickness:	6.2 mils (0.16 mm)	D-3652
Temperature Use Range:	Up to 200°F (93°C) for 30 min.	

Features

- This rubber adhesive is aggressive and provides instant adhesion to a wide variety of surfaces.
- The treated flat stock backing has good tensile strength to resist breakage.
- Solvent and moisture resistant to provide bleed through resistance in application.
- Will generally perform satisfactorily on painted metal surfaces at temperatures up to 200°F (93°C) for about 30 minutes.
- Special backsize treatment provides easy to use controlled unwind.
- Not recommended for outdoor exposure as it may become difficult to remove.

Application Ideas

- Holding, bundling and wrapping applications for a wide variety of materials where a stronger paper backing is needed.
- 3M 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- PPP-T42C Type II and CID-A-A-883B are obsolete standards which have been replaced by ASTM D 6123 / D 6123M-97.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 3M tape 250 to meet the inactive specification MIL-F-18264D.
- 3M tape 250 has been used to conduct testing according to ASTM D-3359; however, this test method does not endorse or suggest that any particular tape must be used.
- Protecting various items during painting and construction.
- General painting when a sharp, straight paint line is needed.

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Storage	Store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.
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Shelf Life	To obtain best performance, use this product within one year from date of manufacture.
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Technical Information	The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.
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ISO 9001:2000

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