

3M Colored Paper Tape

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FOD# 1433

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Technical Data

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Product Description A printable flatback paper for many masking, bundling, holding, splicing operations requiring information or identification.

Product Construction	Backing	Adhesive	Color	Roll Length:
	Colored flatback paper 5.0 mils (127 microns)	Rubber #800 Removable 1.7 mils (43 microns)	White, red and green	Commercial printer sizes: 60 yards (54.8m) Standard printer sizes: 180 yards (164.6 m)

Typical Physical Properties and Performance Characteristics

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:	25 oz./in. width (27 N/100 mm)	D-3330
Adhesion to Glass:	50 oz./in. width (55 N/100 mm)	D-3330
Adhesion to PP:	30 oz./in. width (33 N/100 mm)	D-3330
Tensile Strength:	25 lbs./in. width (438 N/100 mm)	D-3759
Elongation at Break:	5.0%	D-3759
Total Thickness:	6.7 mils (0.170 mm)	D-3652

General Information

- Holds well to a variety of paper, film, fabric and yarn surfaces.
- Tape is printable with standard flexographic inks and is also easily marked with ballpoint pens, felt-tip pens, pencils and rubber stamps.
- One year shelf life if properly stored at 72°F (23°C) and 50% RH.
- Its heat resistance will generally allow it to function during bake cycles of up to 200°F (93°C) for periods up to one day.
- Tape should not be subjected to outdoor exposure.
- No appearance change or edge penetration after 4 hour immersions on stainless steel panels in IPA, Acid (pH 4), Base (pH 10), 10 W 30 Oil and Water

Application Ideas

- Tape can be used for a wide variety of bundling, banding, sealing, tabbing, defect flagging and holding applications where color for identification or coding is desired.
- Light to medium bundling applications.
- Banding items where color coding is required.
- Last lap end roll tabbing of paper, film, fabric, and yarns.

Features	Features	Advantages	Benefits
	<ul style="list-style-type: none">• Rubber adhesive	<ul style="list-style-type: none">• Immediate adhesion• Good holding power	<ul style="list-style-type: none">• Sticks easily• Resists lifting or curling
	<ul style="list-style-type: none">• Flatback paper backing	<ul style="list-style-type: none">• Clean removal from a variety of surfaces• Easy tear	<ul style="list-style-type: none">• No clean-up or residue• Good handling• Easy identification
	<ul style="list-style-type: none">• Exclusive backsize treatment	<ul style="list-style-type: none">• Controlled unwind• Printability	<ul style="list-style-type: none">• Easy to use• Easily marked with pens, pencils, and stamp markings

Technical Information and Data

The technical information and data, recommendations, and other statements provided are based on tests or experience which 3M believes to be reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use

Please remember that many factors can affect the use and performance of a 3M product in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a 3M product. Given the variety of factors that can affect the use and performance of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

Warranty and Limited Remedy

The 3M product will be free from defects in material and manufacture for a period of one (1) year from the date of manufacture. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of application. If the 3M product is defective within the warranty period stated above, your exclusive remedy and 3M's sole obligation shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product.

Limitation of Liability

Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including contract, warranty, negligence, or strict liability.



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