

Flatback Textile Tape

254

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Technical Data

September 1, 1998

Supersedes February 1, 1995

Product Description A flatback paper tape primarily for the textile industry where high strength, high holding and stain resistance are required.

Product Construction Backing: Flat stock paper saturated with a moisture resistant material.
Adhesive: High holding power, transparent rubber based.
Color: Natural
Standard Roll Length: 60 yds. (54.8m)

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.

		<u>ASTM TEST METHOD</u>
Adhesion to Steel:	62 oz./in. width (68 N/100mm)	D-3330
Tensile Strength:	62 lbs./in. width (1085 N/100mm)	D-3759
Elongation at Break:	4%	D-3759
Tape Thickness:	5.7 mils (0.14mm)	D-3652
Temperature Use Range:	Up to 200°F (93°C) for 30 minutes	

- General Information**
1. This specially formulated strong flatback tape is ideal for the textile industry. It has a long aging adhesive which resists adhesive softening, transfer and staining of most textiles.
 2. Tape 254 also has an excellent packaging adhesive and good resistance to edge tear, both of which make it an excellent packaging tape.
 3. Tape 254 should not be subjected to outdoor exposure or prolonged periods of sunlight. Tape may become very difficult to remove.
 4. Tape 254 is typically used at room temperature, but will function up to 200°F (93°C) for up to ½ hour.
 5. Tape 254 is manufactured in an ISO 9002 registered plant to meet worldwide quality standards.

Shelf Life

To obtain best performance, use this product within one year from date of manufacture and store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.

Application Ideas

1. Typical uses in the textile industry include the following: tabbing bolts or drums of cloth, drum windup, and doffing beams at the slasher.
2. Tape 254 is widely used for a variety of packaging applications.

Features

<u>FEATURES</u>	<u>ADVANTAGES</u>	<u>BENEFITS</u>
Transparent rubber adhesive	Good holding power	Helps reduce tape required for tabbing textiles
	Stain resistance	Helps reduce stain on most textiles/helps reduce waste
	Adhesive transfer resistance	Clean removal/helps reduce rejects
Treated flat stock paper	Good tensile	Resists breakage/helps minimize rework
	Solvent and moisture resistance	Helps reduce bleed-through and rejects
Special backsize treatment	Controlled unwind	Easy to use/helps reduce waste

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All physical properties, statements, and recommendations are either based on tests we believe to be reliable or our experience, but they are not guaranteed. 3M recommends each user determine the suitability of the masking paper, film or tape for the intended use.

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