



Extra Strength Flatback Tape

280

1465

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Technical Data

September 1, 1998

Supersedes February 1, 1995

Product Description An extra strength flatback tape for applications where extra backing thickness and strength are needed.

Product Construction Backing: A natural colored flat stock paper treated with a rubber-based material.
Adhesive: Rubber
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.

		ASTM TEST METHOD
Adhesion to Steel:	75 oz./in. width (82 N/100mm)	D-3330
Tensile Strength:	84 lbs./in. width (1470 N/100mm)	D-3759
Elongation at Break:	4%	D-3759
Tape Thickness:	8.3 mils (0.21mm)	D-3652
Temperature Use Range:	Up to 250°F (121°C) for 30 min.	

- General Information**
1. This tape has a thicker paper backing for use in applications requiring a higher tensile and extra strength paper flatback tape. The thicker backing provides abrasion resistance for protecting surfaces.
 2. Tape 280 has been used satisfactorily at temperatures up to 250°F (121°C) on painted metal surfaces for 30 minutes.
 3. Tape 280 should not be subjected to outdoor exposure. Tape may become very difficult to remove.
 4. Tape 280 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 Tape 280 is ideal for a wide variety of sealing, reinforcing, holding and splicing applications where a strong backing is needed. It has excellent abrasion resistance and is often used to mask for light sandblasting.

Features	FEATURES	ADVANTAGES	BENEFITS
	Rubber adhesive	Excellent holding power	Resists lifting on critical surfaces
	Extra strength flat paper stock	High tensile	Resists breakage/provides reliable splice
		Abrasion resistance	Good sandblast mask/quality job
	Exclusive backsize treatment	Controlled unwind	Easy to use/helps reduce waste

Technical Data 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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