



Super Strength Flatback Tape

300

1467
page 1 of 3

Technical Data

September 1, 1998

Supersedes February 1, 1995

Product Description Super-strength flatback tape for heavy duty sealing, bundling and protecting applications where strength and abrasion resistance are needed.

Product Construction Backing: A natural colored flat stock paper saturated with a rubber-based material.
Adhesive: A very aggressive rubber adhesive
Color: Tan
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:	141 oz./in. width (154 N/100mm)	D-3330
Tensile Strength:	125 lbs./in. width (2188 N/100mm)	D-3759
Elongation at Break:	5%	D-3759
Tape Thickness:	13.3 mils (0.34mm)	D-3652
Temperature Use Range:	Up to 250°F (121°C) for 60 minutes	

- General Information**
1. Due to its extra thick backing, this tape has better tensile strength and abrasion resistance than Tape 250 or Tape 280.
 2. Tape 300 can be used for some applications up to one hour at 250°F (121°C), since its greater bulk imparts more heat resistance than might be expected. We suggest testing this product in production conditions to define its use in these applications.
 3. Tape 300 should not be subjected to outdoor applications or prolonged periods of sunlight exposure. Tape may become very difficult to remove.
 4. Tape 300 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 300 is ideal for a wide variety of heavy duty sealing, reinforcing, holding and splicing applications. It has good abrasion resistance and is often used to mask for light sandblasting.

Features	<u>FEATURES</u>	<u>ADVANTAGES</u>	<u>BENEFITS</u>
	Rubber adhesive	Excellent holding power	Resists lifting on critical surfaces
	Super strength flat stock paper	High tensile	Resists breakage/provides reliable splice/helps reduce down time
		Good abrasion resistance	Good sandblast mask
	Special 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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300

1467

page 3 of 3



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