



Technical Data Sheet

3M™ Super Bond Film Tape 396



[Product Details](#)

Product Description

3M™ Super Bond Film Tape 396 is a polyester film tape for adhering to polyesters, polyethylenes and many other difficult-to-adhere-to surfaces.

Product Features

- Polyester backing for abrasion, chemical and thermal resistance.
- Aggressive adhesion that adheres to many difficult-to-stick-to surfaces.
- Immediate adhesion for easy application.
- Adhesive thickness allows adhesion to many irregular surfaces.

Technical Information Note

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Typical Physical Properties

Attribute Name	Test Method	Value
Color		Transparent
Adhesive Type		Rubber-resin
Backing		Polyester
Backing Thickness	ASTM D3652	0.04 mm (1.7 mil)
Total Tape Thickness	ASTM D3652	0.1 mm (4.1 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	23 °C (73 °F)	15.3 N/cm (140 oz/in) ¹
Elongation at Break	ASTM D3759		140 %
Tensile Strength	ASTM D3759		75.3 N/cm (43 lb/in)
Long Term Temperature Resistance			93 °C (200 °F) ²
Minimum Long Term Temperature Resistance			4 °C (40 °F) ²

¹ 304 mm/min (12 in/min)

² Long Term (day, weeks)

Handling/Application Information

Application Examples

- Splicing, sealing, repairing, holding and reinforcing a variety of difficult-to-hold materials.
- Repairing and reinforcing high-wear areas of rip-stop nylon.
- Holding polyethylene barrel liners in place.
- Splicing large photographic acetate transparencies.
- Splicing polyester conveyor belts.

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 18 months from date of manufacture.

Available Sizes

Attribute Name	Value
Available Width	19, 25, 50, 75, 100 mm (3/4, 1, 2, 3, 4 in)
Note	Subject to Minimum Order Requirements
Standard Roll Length	33 m (36 yd)

Information

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ISO Statement

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

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