

# Technical data sheet



Product: 396

Manufacturer: 3M DEUTSCHLAND GMBH

Product group: KLEBEBAND

Article group: EINSEITIG

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## 3M™ SUPER BOND FILM TAPE 396

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# 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) <sup>1</sup>
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) <sup>2</sup>
Minimum Long Term Temperature Resistance			4 °C (40 °F) <sup>2</sup>

<sup>1</sup> 304 mm/min (12 in/min)

<sup>2</sup> 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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