

# 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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Tewipack Uhl GmbH  
Industriestraße 15  
D-75382 Althengstett

Telephone:  
+49(0)7051/9297-0  
Fax:  
+49(0)7051/9297-99

E-Mail:  
info@tewipack.de  
Website:  
www.tewipack.de

Managing director:  
Alexander Uhl,  
Michael Uhl  
HRB 330424  
Amtsgericht  
Stuttgart

Bank details:  
Sparkasse  
Sindelfingen  
Pforzheim  
Calw  
BLZ 666 500  
85  
Konto 17 787

Commerzbank  
Sindelfingen  
BLZ 603 400 71  
Konto 8 001 166

Vereinigte  
Volksbank AG  
Böblingen  
BLZ 603 900 00  
Konto 80 089  
003

Postbank  
Stuttgart  
BLZ 600 100  
70  
Konto 146  
294 708



# 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.

3M™ Industrial Adhesives and Tapes Division  
3M Center, St. Paul, MN 55144-1000  
[3M.com/iatd](http://3M.com/iatd)

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