

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](#)



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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 | 22 °C (72 °F) | 15.3 N/cm (140 oz/in) ¹ |
| Elongation at Break | ASTM D3759 | | 140 % |
| Tensile Strength | ASTM D3759 | | 75.3 N/cm (688 oz/in) |
| Long Term Temperature Resistance | | | 93 °C (200 °F) ² |
| Minimum Long Term Temperature Resistance | | | 4 °C (40 °F) ² |

¹ 12 in/min (300 mm/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 60° to 80°F (16° to 27°C) and 40 to 50% R.H. in the original carton. To obtain 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 Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

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