

February, 2013

## 3M™ Super Bond Film Tape 396

### 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.



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## 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

Property	Values		Method
Color	Transparent		
Total Tape Thickness	0.1 mm	4.1 mil	ASTM D3652
Backing Thickness	0.04 mm	1.7 mil	ASTM D3652
Backing	Polyester		
Adhesive	Rubber-resin		

## Typical Performance Characteristics

Property	Values		Method	Substrate
Peel Adhesion	15.3 N/cm	140 oz/in	ASTM D3330	Stainless Steel
Tensile Strength	75.3 N/cm	688 oz/in	ASTM D3759	
Elongation at Break	140 %		ASTM D3759	
Temperature Use Range	4 to 93 °C	40 to 200 °F		

## Available Sizes

Property	Values	
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Showing 0 to 0 of 0 entries

Previous

Next

Table continued on next page

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## Available Sizes (continued)

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

## Handling/Application Information

### Application Ideas

- 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.

### Trademarks

3M is a trademark of 3M Company.

### References

#### Safety Data Sheet (SDS)

[https://www.3m.com/3M/en\\_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en\\_US&co=ptn&q=396](https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=396)

### 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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## Technical Information

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