

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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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.

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Information

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Trademarks

3M is a trademark of 3M Company.

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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

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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