

Technical Data Sheet

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.

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	Additional Information
Backing	Polyester	
Adhesive Type	Rubber-resin	
Color	Transparent	
Backing Thickness (mm)	0.04 mm	View 
Test Method: ASTM D3652		
Total Tape Thickness (mil)	4.1 mil	View 
Test Method: ASTM D3652		
Total Tape Thickness (mm)	0.1 mm	View 
Test Method: ASTM D3652		
Backing Thickness	1.7 mil	View 

Test Method: ASTM D3652

Typical Performance Characteristics

Property	Values	Additional Information
Tensile Strength	75.3 N/cm	View 

Test Method: ASTM D3759

180° Peel Adhesion	15.3 N/cm	View 
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Test Method: ASTM D3330

Notes: 12 in/min (300 mm/min)

180° Peel Adhesion	140 oz/in	View 
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Test Method: ASTM D3330


Notes: 12 in/min (300 mm/min)

Tensile Strength	688 oz/in	View 
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Test Method: ASTM D3759


Elongation at Break (%)	140 %	View 
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Test Method: ASTM D3759

Long Term Temp C	93 °C	View 
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Test Condition: Long Term (day, weeks)

Minimum Long Term Temperature Resistance	4 °C	
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Long Term Temp F	200 °F	View 
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Test Condition: Long Term (day, weeks)

Minimum Long Term Temperature Resistance	40 °F	
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Available Sizes

Property	Values	Additional Information
Note	Subject to Minimum Order Requirements	

Standard Roll Length	33 m
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Standard Roll Length	36 yd
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Available Width	19, 25, 50, 75, 100 mm
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Available Width	3/4, 1, 2, 3, 4 in
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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.

Bottom Matter

3M
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Trademarks

3M is a trademark of 3M Company.

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.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/p/d/b40074783/
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

Family Group

Link Tags:

• 396

Products	Adhesive Type	Color	Backing	Total Tape	Tensile Strength	Minimum Long	
			Thickness (mm)	Thickness (mm)		Term Temperature Resistance	Long Term Temp F
396	Rubber-resin	Transparent	0.04 mm	0.1 mm	75.3 N/cm	4 °C	200 °F

ISO Statement

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

Information

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