

Technical Data Sheet

3M™ High Performance Flatback Tape 2519

Product Description

3M™ High Performance Flatback Tape 2519 is a high performance tape for splicing liner boards, bundling, holding, packaging applications, reinforcing, wrapping, and protecting.

Product Features

- Excellent tack and holding power.
- Good backing strength and resistant to moist conditions.
- Lower unwind tension.
- Hand tear-able.
- Can be machine dispensed.
- Tape has been tested and found to meet the requirements of ASTM D6123 / D6123M-97. 3M does not test each lot for compliance to this specification.

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	Unbleached Kraft Paper	
Adhesive Type	Rubber	
Color	Brown	
Backing Thickness (mm)	0.15 mm	View ^
Test Method: ASTM D3652		
Total Tape Thickness (mil)	7.1 mil	View ^
Test Method: ASTM D3652		
Total Tape Thickness (mm)	0.18 mm	View ^
Test Method: ASTM D3652		

Backing Thickness	5.8 mil	View 
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Test Method: ASTM D3652

Typical Performance Characteristics

Property	Values	Additional Information
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Tensile Strength	82.3 N/cm	View 
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Test Method: ASTM D3759

180° Peel Adhesion	5.1 N/cm	View 
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Test Method: ASTM D3330
Notes: 12 in/min (300 mm/min)

180° Peel Adhesion	47 oz/in	View 
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Test Method: ASTM D3330
Notes: 12 in/min (300 mm/min)

Tensile Strength (lb/in)	47 lb/in	View 
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Test Method: ASTM D3759

Elongation at Break (%)	8 %	View 
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Test Method: ASTM D3759

Long Term Temperature Resistance	93 °C
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Long Term Temperature Resistance	200 °F
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Available Sizes

Property	Values	Additional Information
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Standard Roll Length	55 m
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Standard Roll Length	60 yd
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Storage and Shelf Life

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton.
To obtain best performance, use this product within 12 months from date of shipment.

Bottom Matter

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Trademarks

3M is a trademark of 3M Company.

Handling/Application Information

Application Examples

- Can be used on many grades of brown paper and paperboards for general splicing, roll starting, and roll closure applications.
- Ideal for bundling, holding, tabbing, and packaging applications where paper tapes are preferred.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/p/d/b40065636/
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=2519

Family Group

Link Tags:

- 2519

Products	Backing	Adhesive Type	Tensile Strength	Long Term Temperature Resistance
2519	Unbleached Kraft Paper	Rubber	82.3 N/cm	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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