

# 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](#) 

Test Method: ASTM D3652

## Typical Performance Characteristics

| Property                         | Values    | Additional Information   |
|----------------------------------|-----------|--|
| Tensile Strength                 | 82.3 N/cm | <a href="#">View</a>    |
| Test Method: ASTM D3759          |           |  |
| 180° Peel Adhesion               | 5.1 N/cm  | <a href="#">View</a>    |
| Test Method: ASTM D3330          |           |  |
| Notes: 12 in/min (300 mm/min)    |           |  |
| 180° Peel Adhesion               | 47 oz/in  | <a href="#">View</a>  |
| Test Method: ASTM D3330          |           |  |
| Notes: 12 in/min (300 mm/min)    |           |  |
| Tensile Strength (lb/in)         | 47 lb/in  | <a href="#">View</a>  |
| Test Method: ASTM D3759          |           |  |
| Elongation at Break (%)          | 8 %       | <a href="#">View</a>  |
| Test Method: ASTM D3759          |           |  |
| Long Term Temperature Resistance | 93 °C     |  |
| Long Term Temperature Resistance | 200 °F    |  |

## Available Sizes

| Property             | Values | Additional Information |
|----------------------|--------|------------------------|
| Standard Roll Length | 55 m   |                        |
| Standard Roll Length | 60 yd  |                        |

## 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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3M  
Closure and Masking Systems Division  
3M Center, Building 225-3S-06  
St. Paul, MN 55144-1000  
800-362-3550 • 877-369-2923 (Fax)  
www.3M.com

## Trademarks

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3M is a trademark of 3M Company.

## Handling/Application Information

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### 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

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

## Family Group

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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

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

## Information

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