

Technical Data Sheet

3M™ Flatback Tape 2517

Product Description

3M™ Flatback Tape 2517 is a general purpose tape for splicing liner boards, roll tabbing, core starting, bundling, holding, and package sealing applications.



Product Features

- Has good backing strength and is resistant to moist conditions.
- Can be machine dispensed.
- Can withstand a bake cycle up to 300°F (149°C) for 30 minutes.
- Can be qualified to meet Commercial Item Description CID-A-A-883A, Type II and ASTM-D6123, Type II.
- High initial tack even in cool temperature conditions.

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	Kraft paper	
Adhesive Type	Rubber	
Color	Medium Brown	
Total Tape Thickness (mil)	6.5 mil	View 
Test Method: ASTM D3652		
Total Tape Thickness (mm)	0.16 mm	View 
Test Method: ASTM D3652		

Typical Performance Characteristics


Property	Values	Additional Information
Tensile Strength	54.3 N/cm	

View 

Test Method: ASTM D3759

180° Peel Adhesion

8.5 N/cm

View 

Test Method: ASTM D3330

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

180° Peel Adhesion

78 oz/in

View 

Test Method: ASTM D3330

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

Tensile Strength (lb/in)

35 lb/in

View 

Test Method: ASTM D3759

Elongation at Break (%)


2 %

View 

Test Method: ASTM D3759

Long Term Temp C

149 °C

View 

Test Condition: Long Term (day, weeks)

Long Term Temp F

300 °F

View 

Test Condition: Long Term (day, weeks)

Available Sizes

Property

Values

Additional Information

Standard Roll Length

55 m

View 

Notes: Available in metric widths (eg, 24 mm corresponds to 1 inch).

Standard Roll Length

60 yd

View 

Notes: Available in metric widths (eg, 24 mm corresponds to 1 inch).

Storage and Shelf Life

Store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.

To obtain best performance, use this product within 18 months from date of manufacture.

Industry Specifications

Can be qualified to meet Commercial Item Description CID-A-A-883A, Type II and ASTM-D6123, Type I

Bottom Matter

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Trademarks

3M is a trademark of 3M Company.

Handling/Application Information

Application Examples

Ideal for liner board splicing and as a general purpose tape for bundling, holding and packaging applications.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/p/d/b40067034/
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=2517

Family Group

Link Tags:

• 2517

Products	Adhesive Type	Color	Total Tape Thickness (mm)	Tensile Strength	Long Term Temp C	Long Term Temp F
2517	Rubber	Medium Brown	0.16 mm	54.3 N/cm	149 °C	300 °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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