



3M™ Performance Flatback Tape 2525

Last Revision Date: June, 2015

Product Description

3M™ Performance Flatback Tape 2525 is used in holding, splicing or masking applications where high adhesion strength, high temperature capability and high backing strength are required.



Product Features

- Has excellent adhesion and backing strength levels and is resistant to moist conditions.
- Colored backing provides high visibility and is easily picked up by sensing equipment.
- Capable of withstanding 300°F (149°C) bake cycle for 1 hour.
- Not recommended for outdoor applications or prolonged periods of sunlight exposure as tape may become very difficult to remove.

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	Flat stock paper	
Adhesive Type	Rubber	
Color	Orange	
Total Tape Thickness	9.5 mil (0.241 mm)	View 
Test Method: ASTM D3652		
Total Tape Thickness	0.241 mm	View 
Test Method: ASTM D3652		

Typical Performance Characteristics

Property	Values	Additional Information
Tensile Strength	85.8 N/cm (49 lb/in)	

View 

Test Method: ASTM D3759

180° Peel Adhesion	7.5 N/cm (69 oz/in)	View 
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Test Method: ASTM D3330

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


180° Peel Adhesion	69 oz/in	View 
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Notes: 12 in/min (300 mm/min)

Tensile Strength	49 lb/in	View 
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Test Method: ASTM D3759

Elongation at Break	2 %	View 
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Test Method: ASTM D3759

Long Term Temperature Resistance	149 °C (300 °F)
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Long Term Temperature Resistance	300 °F
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Available Sizes

Property	Values	Additional Information
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Standard Roll Length	55 m (60 yd)	View 
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Notes: Available in metric widths (eg, 24 mm corresponds to 1 inch).

Standard Roll Length	60 yd	View 
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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.

Bottom Matter

3M

Industrial Business

Industrial Adhesives and Tapes Division

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Trademarks

3M is a trademark of 3M Company.

Handling/Application Information

Application Examples

Can be used in many holding, masking, and splicing applications where a high visibility tape is desired. It can also be used for various types of edging and binding applications.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/company-us/all-3m-products/~//3M-Performance-Flatback-Tape-2525/?N=5002385+3293242218&rt=rud
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=2525

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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