

# Technical Data Sheet

## 3M™ Performance Flatback Tape 2525

### 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 (mil)	9.5 mil	View 
Test Method: ASTM D3652		
Total Tape Thickness (mm)	0.241 mm	View 
Test Method: ASTM D3652		

### Typical Performance Characteristics


Property	Values	Additional Information
Tensile Strength	85.8 N/cm	

View 

Test Method: ASTM D3759

180° Peel Adhesion

7.5 N/cm

View 

Test Method: ASTM D3330

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

180° Peel Adhesion

69 oz/in

View 

Test Method: ASTM D3330

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

Tensile Strength (lb/in)

49 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.

## Bottom Matter

3M

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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	<a href="https://www.3m.com/3M/en_US/p/d/b40065633/">https://www.3m.com/3M/en_US/p/d/b40065633/</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=2525">https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=2525</a>

## Family Group

Link Tags:

• 2525

Products	Adhesive Type	Color	Total Tape Thickness (mm)	Tensile Strength	Long Term Temp C	Long Term Temp F
2525	Rubber	Orange	0.241 mm	85.8 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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