



3M™ Traction Tape 5401

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Product Description

3M™ Traction Tape 5401 is a single coated glass cloth tape with silicone coated backing used for wrapping rollers to provide traction and a non-stick surface.

Product Features

- Backing provides a great traction surface while also providing non-stick surface.
- Silicone adhesive adheres well to many surfaces and removes cleanly.
- Fiberglass reinforcing provides a durable and conformable product for wrapping applications.

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	Fiberglass reinforced silicone	
Adhesive Type	Silicone	
Color	Tan	
Total Tape Thickness	9.3 mil (0.24 mm)	View
Test Method: ASTM D3652		
Total Tape Thickness	0.24 mm	View
Test Method: ASTM D3652		


Typical Performance Characteristics


Property	Values	Additional Information
Tensile Strength	385.3 N/cm (3520 oz/in)	View

Test Method: ASTM D3759

180° Peel Adhesion	1.3 N/cm (12 oz/in)	View 
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		

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

Tensile Strength	3520 oz/in	View 
Test Method: ASTM D3759		

Elongation at Break	7 %	View 
Test Method: ASTM D3759		

Long Term Temperature Resistance	150 °C (300 °F)	
Long Term Temperature Resistance	300 °F	

Available Sizes

Property	Values	Additional Information
Standard Roll Length	33 m (36 yd)	
Standard Roll Length	36 yd	

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 36 months from date of manufacture.

Bottom Matter

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Trademarks

3M is a trademark of 3M Company.

Handling/Application Information

Application Examples

- Best results obtained when applied to a clean dry surface above 32°F (0°C).
- Do not apply to wet materials.
- Insure proper rubdown of the tape to the substrate for optimum performance.
- The tape is often applied to roller in printing, converting, and other web processing by hand in various wrap patterns to give traction to roller while also providing a non-stick surface.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/company-us/all-3m-products/~//3M-Traction-Tape-5401/?N=5002385+3293162198&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=5401

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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