

February, 2020

3M™ Traction Tape 5401

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.



3M™ Traction Tape 5401

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		Method
Color	Tan		
Total Tape Thickness	0.24 mm	9.3 mil	ASTM D3652
Backing	Fiberglass reinforced silicone		
Adhesive	Silicone		

Typical Performance Characteristics

Property	Values		Method	Substrate
Peel Adhesion	1.3 N/cm	12 oz/in	ASTM D3330	Stainless Steel
Tensile Strength	385.3 N/cm	3520 oz/in	ASTM D3759	
Elongation at Break	7 %		ASTM D3759	
Temperature Use Range	Up to 150 °C	Up to 300 °F		

Available Sizes

Property	Values	
Standard Roll Length	33 m	36 yd

3M™ Traction Tape 5401

Handling/Application Information

Application Ideas

- 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.

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.

Trademarks

3M is a trademark of 3M Company.

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.

3M™ Traction Tape 5401

Information

Technical Information: The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

Product Selection and Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

Warranty, Limited Remedy, and Disclaimer: Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability: Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

3M™ Traction Tape 5401



3M United States
3M Center
St. Paul, MN 55144-1000
800-362-3550
www.3M.com

Please recycle.
© 3M 2020. All Rights Reserved.

The brands listed above are trademarks of 3M