

March, 2014

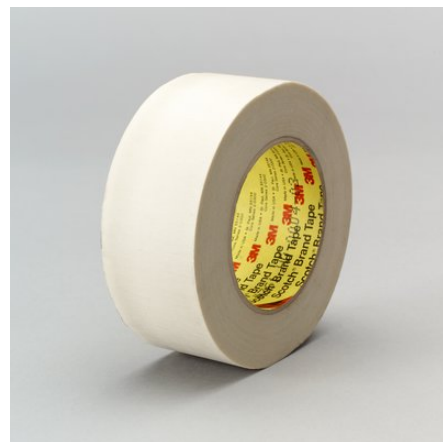
3M™ Glass Cloth Tape 361

Product Description

3M™ Glass Cloth Tape 361 is coated with a silicone adhesive for many applications requiring high temperature resistance, high adhesion and a very strong, abrasion- resistant backing.

Product Features

- Can be certified to meet FAR 25.853 (a) Appendix F Part I (a) (1) (ii), flame resistant specification.
- Can withstand intermittent temperatures up to 550°F (288°C) or higher, depending upon the type and duration of the heat source.
- Continuous exposure to temperatures above 450°F (232°C) will gradually degrade the adhesive causing loss of tape adhesion and darken the glass cloth backing.



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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	White		
Total Tape Thickness	0.16 mm	6.4 mil	ASTM D3652
Backing Thickness	0.13 mm	5 mil	ASTM D3652
Backing	Glass Cloth		
Adhesive	Silicone		

Typical Performance Characteristics

Property	Values		Method	Dwell/ Cure Time	Dwell Time Units	Substrate	Backing	Notes
180° Peel Adhesion	4.2 N/cm	38 oz/in	ASTM D3330	72	hr	Stainless Steel	2 mil Aluminum Foil	12 in/min (300 mm/min)
Tensile Strength	255.7 N/cm	2336 oz/in	ASTM D3759					
Elongation at Break	9%		ASTM D3759					
Temperature Use Range	-54 to 232 °C	-65 to 450 °F						

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Available Sizes

Property	Values	
Standard Roll Length	55 m	60 yd
Standard Width	13, 19, 25, 38, 50, 75 mm	1/2, 3/4, 1, 1 1/2, 2, 3 in

Handling/Application Information

Application Ideas

- High temperature applications requiring high tensile strength, good holding power and abrasion resistance.
- Permanent sealing of high temperature ducts or chambers.
- As a back up strip for submerged arc welding.
- Applications requiring heat treatment followed by clean removal of the tape with little or no stain.

Storage and Shelf Life

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 50% R.H. in the original carton. To obtain best performance, use this product within 24 months from date of manufacture.

Industry Specifications

Can be certified to meet FAR 25.853 (a) Appendix F Part I (a) (1) (ii)

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/company-us/all-3m-products/~/%3M-Glass-Cloth-Tape-361?N=5002385+3293242770&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=361

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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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