

March, 2014

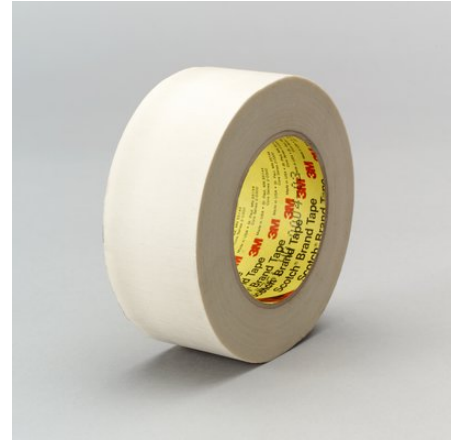
## 3M™ Glass Cloth Tape 361

### 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	Substrate	Backing	Notes
180° Peel Adhesion	4.2 N/cm	38 oz/in	ASTM D3330	Stainless Steel	2 mil Aluminum Foil	12 in/min (300 mm/min) 72 hr dwell
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	<a href="https://www.3m.com/3M/en_US/company-us/all-3m-products/~/3M-Glass-Cloth-Tape-361?N=5002385+3293242770&amp;rt=rud">https://www.3m.com/3M/en_US/company-us/all-3m-products/~/3M-Glass-Cloth-Tape-361?N=5002385+3293242770&amp;rt=rud</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=361">https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=361</a>

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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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