

## M™ Glass Cloth Tape 361

**Names:** 3M™ Glass Cloth Tape 361

**IDs:** Product number (361)

**Last Revision Date:** March, 2014



### Product Description

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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

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- 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.

## 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
Peel Adhesion	4.2 N/cm 38 oz/in	ASTM D3330	Stainless Steel
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		

### Available Sizes

Property	Values
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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

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### 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

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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

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