

3M

Glass Cloth Tape

361

Technical Data

March, 2014

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 Construction

Backing	Adhesive	Color	Standard Roll Length	Standard Widths
Glass cloth	Silicone	White	60 yds. (55 m)	1/2, 3/4, 1, 1 1/2, 2, 3 in. (13, 19, 25, 38, 50, 75 mm)

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

		ASTM Test Method
Adhesion to Steel:	38 oz./in. width (42 N/100 mm)	D-3330
Tensile Strength:	146 lbs./in. width (2555 N/100 mm)	D-3759
Elongation at Break:	9%	D-3759
Backing Thickness:	5.0 mils (0.13 mm)	D-3652
Total Tape Thickness:	6.4 mils (0.16 mm)	D-3652
Temperature Use Range:	-65° to 450°F (-54° to 232°C)	

Features

- Can be certified to meet F.A.R. 25.853, 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.

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.

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Storage	Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 50% R.H. in the original carton.
Shelf Life	To obtain best performance, use this product within 24 months from date of manufacture.
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ISO 9001:2000

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.



Industrial Business Industrial Adhesives and Tapes Division

3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
800-362-3550 • 877-369-2923 (fax)
www.3M.com/iatd



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