



General Purpose Glass Cloth Tape

3615 • 3615L (Linered)

Technical Data

September, 2003

Product Description

3M™ Glass Cloth Tape 3615 is a general purpose, easy unwind tape coated with a silicone adhesive for many applications requiring high-temperature resistance, high adhesion, and a very strong, abrasion-resistant backing. This tape also comes in a linered version.

Product Construction

Backing	Adhesive	Color	Liner	Standard Roll Sizes
Glass cloth	Silicone	White	Transparent Polyester Film (3M™ General Purpose Glass Cloth Tape 3615L only)	36 yds. (33 m) unlinered 144 yds. (132 m) linered

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:	35 oz./in. width (38 N/100 mm)	D-3330
Tensile Strength:	190 lbs./in. width (3327 N/100 mm)	D-3759
Elongation:	7%	D-3759
Backing Thickness:	3.5 mils (.09 mm)	D-3652
Total Tape Thickness: (excluding liner)	6.5 mils (.17 mm)	D-3652
Liner Thickness: (3M tape 3615L only)	2 mils (.05 mm)	
Liner Release: (3M tape 3615L only)	35 gm/in.	3MTM 1717 ¹
¹ Note: 180° at 90 in./min.		

Features

- Can be used from -65 to 450°F (-54 to 232°C) or greater.
- Can withstand intermittent temperatures up to 550°F (288°C) or higher, depending upon the type and duration of the heat source.
- Glass cloth for high tensile strength to provide a permanent seal.
- Silicone adhesive for long aging, good holding power for a wide operating range to help increase productivity.

Application Ideas

- High temperature applications requiring high tensile strength and good holding power.
- Easy unwind for ease of application.
- Permanent sealing of high temperature ducts or chambers.
- As back up strip for submerged arc welding.

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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 18 months from date of manufacture.

For Additional Information To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit www.3M.com/industrialtape. Address correspondence to: 3M Industrial Adhesives and Tapes Division, Building 21-1W-10, 900 Bush Avenue, St. Paul, MN 55144-1000. Our fax number is 651-778-4244. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

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Printed in U.S.A.
©3M 2003 70-0709-4833-9 (9/03)