



Technical Data Sheet

3M™ General Purpose Glass Cloth Tape 3615



[Product Details](#)



[Regulatory Info/SDS](#)

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 abrasion-resistant backing.

Product 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.

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

Attribute Name	Test Method	Value
Color		White
Adhesive Type		Silicone
Backing		Glass Cloth
Backing Thickness	ASTM D3652	0.13 mm (5 mil)
Total Tape Thickness	ASTM D3652	0.18 mm (7 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C (72 °F)	3.8 N/cm (35 oz/in) ¹
Elongation at Break	ASTM D3759		7 %
Tensile Strength	ASTM D3759		315.2 N/cm (180 lb/in)
Short Term Temperature Resistance			288 °C (550 °F) ²
Long Term Temperature Resistance			232 °C (450 °F) ³

¹ 12 in/min (300 mm/min)

² Short Term (minutes, hour)

³ Long Term (day, weeks)

Handling/Application Information

Application Examples

- 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.

Storage and Shelf Life

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

Available Sizes

Attribute Name	Value
Standard Roll Length	33 m (36 yd)

Automotive Disclaimer

Select Automotive Applications: This product is an industrial product and has not been designed or tested for use in certain automotive applications, such as automotive electric powertrain battery or high voltage applications, which may require the product to be manufactured in a IATF certified facility, meet a Ppk of 1.33 for all properties, undergo an automotive production part approval process (PPAP), or fully adhere to automotive design or quality system requirements (e.g., IATF 16949 or VDA 6.3). Customer assumes all responsibility and risk if customer chooses to use this product in these applications.

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