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3M™ General Purpose Glass Cloth Tape 3615

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.



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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	0.18 mm	7 mil	ASTM D3652
Backing Thickness	1.3 mm	5 mil	ASTM D3652
Backing	Glass Cloth		
Adhesive	Silicone		

Typical Performance Characteristics

Property	Values		Method	Substrate
Peel Adhesion	3.8 N/cm	35 oz/in	ASTM D3330	Stainless Steel
Tensile Strength	315.2 N/cm	2880 oz/in	ASTM D3759	
Elongation at Break	7 %		ASTM D3759	

Available Sizes

Property	Values	
Standard Roll Length	33 m	36 yd

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Handling/Application Information

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.

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.

Trademarks

3M is a trademark of 3M Company.

References

Safety Data Sheet (SDS)

https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=3615

Technical Information

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