

3M 5153 PTFE Glass Cloth Tape

Category : Polymer , Tape

Material Notes:

3M™ PTFE Glass Cloth Tape 5151 is constructed using (PTFE) polytetra-fluoroethylene impregnated glass cloth and silicone adhesive. This tape is used in many applications requiring high temperature performance and high abrasion resistance. It also comes in a premium grade a liner version. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-5153-PTFE-Glass-Cloth-Tape.php

Physical Properties	Metric	English	Comments
Thickness	147 microns	5.80 mil	Backing; ASTM D3752
	203 microns	8.00 mil	Total; ASTM D3752

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	254 MPa	36800 psi	ASTM D3759
Peel Strength	0.47112 kN/m	2.6875 pli	Adhesion to Steel; ASTM D3330

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 °C	500 °F	
Minimum Service Temperature, Air	-73.0 °C	-99.4 °F	

Descriptive Properties	Value	Comments
Adhesive Type	Silicone	
Appearance	Light Brown	

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