

3M 5491 PTFE Extruded Film Tape

Category : Polymer , Tape

Material Notes:

3M™ PTFE Extruded Film Tape has a film backing with a silicone adhesive. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-5491-PTFE-Extruded-Film-Tape.php

Physical Properties	Metric	English	Comments
Thickness	127 microns	5.00 mil	Backing; ASTM D3752
	170 microns	6.70 mil	Total; ASTM D3752

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	41.2 MPa	5980 psi	ASTM D3759
Elongation at Break	200 %	200 %	ASTM D3759
Peel Strength	0.38347 kN/m	2.1875 pli	Adhesion to Steel; ASTM D3330

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 °C	500 °F	
Minimum Service Temperature, Air	-54.0 °C	-65.2 °F	

Descriptive Properties	Value	Comments
Adhesive Type	Silicone	
Appearance	Gray	

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