



## Product Specification 7147

Taconic 7147 is a mechanical grade 14 mil PTFE coated fiberglass fabric. This material exhibits release properties, heat resistance, and chemical resistance. Common applications include heat sealing/poly packaging, tray lining, wear stripping, gaskets and seals, and a variety of aerospace applications. Mechanical grade fabrics have a slightly lower PTFE coated weight compared with standard grade materials. Maximum width is 38" wide.

Product Properties	Units	Value	Tolerance	Test Method
Reinforcing Substrate		<b>E-GLASS</b>		
Coating Type		<b>PTFE</b>		
% Coating	%	<b>54</b>	+/- 2%	
Total Coated Weight	lbs/yd2	<b>1.15</b>	+/- 5%	ASTM D4969
Nominal Thickness	inch	<b>0.0119</b>		ASTM D4969
Coating Adhesion Strength	lbs/in	<b>5</b>	Typical	ASTM D751
		<b>3</b>	Minimum	
Dielectric Breakdown	volts/mil	<b>400</b>	Typical	ASTM D149 Method A
		<b>200</b>	Minimum	
Tensile Strength	lbf/in	<b>265</b>	Typical Warp	ASTM D902
		<b>150</b>	Minimum Warp	
		<b>180</b>	Typical Fill	
		<b>100</b>	Minimum Fill	
Tear Strength	lbs	<b>8</b>	Typical Warp	ASTM D5587
		<b>5</b>	Minimum Warp	
		<b>5</b>	Typical Fill	
		<b>2.5</b>	Minimum Fill	
Operating Temperature	°Fahrenheit	<b>-100° to +500°</b>		

Information contained in this document is based on our general experience and is given in good faith, but we are unable to accept responsibility in respect to factors which are outside our knowledge or control. All data is subject to change without notice.



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