



Product Specification 7107

Taconic 7107 is a mechanical grade 10 mil PTFE coated fiberglass fabric. This material exhibits release properties, heat resistance, and chemical resistance. Common applications include heat sealing/poly packaging, tray lining, composite release liners, food processing (platen covering), gaskets and seals, uPVC window welding, and a variety of aerospace applications. Mechanical grade fabrics have a slightly lower PTFE coated weight compared with standard grade materials. Maximum width is 62" wide.

Product Properties	Units	Value	Tolerance	Test Method
Reinforcing Substrate		E-GLASS		
Coating Type		PTFE		
% Coating	%	52	+/- 2%	
Total Coated Weight	lbs/yd2	0.79	+/- 5%	ASTM D4969
Nominal Thickness	inch	0.008		ASTM D4969
Coating Adhesion Strength	lbs/in	3	Typical	ASTM D751
		2	Minimum	
Dielectric Breakdown	volts/mil	380	Typical	ASTM D149 Method A
		250	Minimum	
Tensile Strength	lbf/in	200	Typical Warp	ASTM D902
		130	Minimum Warp	
		170	Typical Fill	
		100	Minimum Fill	
Tear Strength	lbs	10.5	Typical Warp	ASTM D5587
		5	Minimum Warp	
		7.5	Typical Fill	
		2	Minimum Fill	
Operating Temperature	°Fahrenheit	-100° to +500°		

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.



Please contact us for samples or a quotation

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