



# GYM GUARD

## POLYPROPYLENE / FIBERGLASS-POLYESTER BLEND FABRIC

FACING COMPOSITION	DESCRIPTION	VALUES (ENGLISH)	VALUES (METRIC)
White Film	Metallized Polypropylene	0.0015 inch	38.1 micron
Adhesive	Flame Resistant		
Fabric	Fiberglass/Polyester Blend	75 lbs / 3000 ft <sup>2</sup>	122 g / m <sup>2</sup>

PHYSICAL PROPERTIES	TEST METHOD	VALUES (ENGLISH)	VALUES (METRIC)
Basis Weight	Scale	36 lbs / 1000 ft <sup>2</sup>	176 g / m <sup>2</sup>
Permeance (WVTR)	ASTM E96 Procedure A	0.02 perm (grains/hrft <sup>2</sup> in Hg)	1.15 ng / N's
Bursting Strength	ASTM D774	250 psi	17.6 kg / cm <sup>2</sup>
Puncture Resistance	ASTM C1136	650 beach units	19.4 Joules
Tensile Strength	ASTM C1136	195 lbs/inch width(MD) 150 lbs/inch width(XD)	34.1 kN / m (MD) 26.3 kN / m (XD)
Caliper / Thickness	Micrometer	0.007 inch	178 micron
Accelerated Aging	30 Days @ 95% RH, 120°F (49°C)	No Corrosion No Delamination	No Corrosion No Delamination
Low Temperature Resistance	ASTM D1790 -40°F (-40°C)	Remains Flexible No Delamination	Remains Flexible No Delamination
High Temperature Resistance	4 hours @ 240°F (116°C)	Remains Flexible No Delamination	Remains Flexible No Delamination
Water Immersion	24 hours @ 73°F (23°C)	No Delamination	No Delamination
Mold Resistance	ASTM C665 / C1338	No Growth	No Growth
Dimensional Stability	ASTM D1204	0.25%	0.25%
Light Reflectance	ASTM C523	85%	85%

FIRE TESTING	ASTM E84 / UL 723		CAN ULC-S102M		 
	Film Side	Fabric Side	Film Side	Fabric Side	
Flame Spread	0	5	5	5	
Smoke Developed	30	40	30	40	

Physical Properties based upon statistical averages, Weight / Thickness +/- 10%

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