

SPECIFICATIONS

FACING COMPOSITION	DESCRIPTION	VALUES (ENGLISH)	VALUES (METRIC)
White Film	Polypropylene	12.5 lbs / 3000 ft ²	20 g / m ²
Adhesive	Flame Resistant		
Core	Proprietary	38 lbs / 3000 ft ²	62 g / m ²
Adhesive	Fire Retardant		
Reinforcing	Tri-directional Fiberglass	5 / inch (MD) 5 / inch (XD)	20 / 100 mm (MD) 20 / 100 mm (XD)
Barrier Coating	Polymeric		
Foil	Aluminum	0.00025 inch	6.3 micron

PHYSICAL PROPERTIES	TEST METHOD	VALUES (ENGLISH)	VALUES (METRIC)
Basis Weight	Scale	33 lbs / 1000 ft ²	161 g / m ²
Permeance (WVTR)	ASTM E96 Procedure A	0.01 perm (grains/hr-ft ² -in Hg)	0.57 ng / N's
Bursting Strength	ASTM D774	100 psi	7.0 kg / cm ²
Tensile Strength	ASTM C1136	75 lbs/inch width (MD) 60 lbs/inch width (XD)	13.1 kN / m (MD) 10.5 kN / m (XD)
Caliper / Thickness	Micrometer	0.009 inch	229 micron
Accelerated Aging	30 Days @ 95% RH, 120°F (49°C)	No Corrosion No Delamination	No Corrosion No Delamination
Low Temperature Resistance	ASTM C1263 -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%

FIRE TESTING

	ASTM E84 / UL 723		ASTM D2863 Limiting Oxygen Index (LOI)
	Polypropylene Side	Foil Side	
Flame Spread	0	0	
Smoke Developed	40	0	≥31