

FACING COMPOSITION	DESCRIPTION	VALUES (ENGLISH)	VALUES (METRIC)
Foil	Aluminum	0.0003 inch	7.6 micron
Reinforcing	Tri-Directional Fiberglass	2 / inch (MD) 3 / inch (XD)	8 / 100 mm (MD) 12 / 100 mm (XD)
Adhesive Kraft	Flame Resistant Natural	29 lbs/ 3000 ft ² 0.003 inch	48 g / m ² 76.2 μm

PHYSICAL PROPERTIES	TEST METHOD	VALUE (ENGLISH)	VALUES (METRIC)
Basis Weight	T 410	25 lbs/1000 ft ²	122 g/m ²
Permeance (WVTR)	ASTM E96 / Procedure A	0.02 perm	1.15 ng/Ns
Bursting Strength	ASTM D774	45 psi	3.2 kg/cm ²
Tensile Strength	ASTM C1136	40 lbs/inch width (MD) 25 lbs/inch width (XD)	7.0 kN/m (MD) 4.4 kN/m (XD)
Caliper/Thickness	T 411	0.008 inch	203 μm
Accelerated Aging	ASTM C1258 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	ASTM C1263 150°F (66°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	0.50%	0.50%
Emissivity	ASTM E408	0.03	0.03

FIRE TESTING

	ASTM E84 / UL 723	
	Foil Side	Kraft Side
Flame Spread	0	25
Smoke Developed	0	10



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

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