

R-3035

FOIL / SCRIM / KRAFT

Meets ASTM C1136, Type II, IV

FACING COMPOSITION	DESCRIPTION	VALUES (ENGLISH)	VALUES (METRIC)
Foil	Aluminum	0.0003 inch	7.6 micron
Barrier Coating	Elastomeric Polymer	0.0001 inch	2.5 micron
Reinforcing	Tri-directional Fiberglass	2 / inch (MD) 3 / inch (XD)	8 / 100 mm (MD) 12 / 100 mm (XD)
Adhesive	Flame Resistant		
Kraft	Natural	30 lbs / 3000 ft ²	49 g / m ²

PHYSICAL PROPERTIES	TEST METHOD	VALUES (ENGLISH)	VALUES (METRIC)
Basis Weight	Scale	21 lbs / 1000 ft ²	103 g / m ²
Permeance (WVTR)	ASTM E96 Procedure A	0.02 perm (grains/hrft ² in Hg)	1.15 ng / N's
Bursting Strength	ASTM D774	40 psi	2.8 kg / cm ²
Puncture Resistance	ASTM C1136	25 beach units	0.7 Joules
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	Micrometer	0.008 inch	203 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%
Emissivity	ASTM E408	0.03	0.03

FIRE TESTING	UL 723 / ASTM E84		CAN ULC-S102M	
	Flame Spread	Smoke Developed	Flame Spread	Smoke Developed
Foil Exposed	5	0	5	5
Kraft Exposed	25	10	25	25

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

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