

## 30 J

### ALL SERVICE JACKET

Meets ASTM C1136, Type I, II, III, IV

FACING COMPOSITION	DESCRIPTION	VALUES (ENGLISH)	VALUES (METRIC)
Kraft	High Intensity White	45 lbs / 3000 ft <sup>2</sup>	73 g / m <sup>2</sup>
Adhesive	Flame Resistant		
Reinforcing	Tri-directional Fiberglass	5 / inch (MD) 5 / inch (XD)	20/100 mm (MD) 20/100 mm (XD)
Barrier coating	Elastomeric Polymer	0.0002 inch	5.1 micron
Foil	Aluminum	0.0003 inch	7.6 micron

PHYSICAL PROPERTIES	TEST METHOD	VALUES (ENGLISH)	VALUES (METRIC)
Basis Weight	Scale	29 lbs / 1000 ft <sup>2</sup>	142 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	65 psi	4.6 kg / cm <sup>2</sup>
Puncture Resistance	ASTM C1136	85 beach units	2.5 Joules
Tensile Strength	ASTM C1136	55 lbs/inch width (MD) 50 lbs/inch width (XD)	9.6 kN / m (MD) 8.8 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 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 (White Kraft Side)	ASTM E408	0.9	0.9
Emissivity (Foil Side)	ASTM E408	0.03	0.03

FIRE TESTING	ASTM E84 / UL 723		CAN ULC-S102M	
	Foil Side	Kraft Side	Foil Side	Kraft Side
Flame Spread	5	20	5	20
Smoke Developed	0	10	0	10



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