

# LAMTEC<sup>®</sup>

## Corporation

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Building

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## WMP-VR

POLYPROPYLENE / SCRIM / KRAFT

Meets ASTM C1136, Type IV

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FACING COMPOSITION	DESCRIPTION	VALUES (ENGLISH)	VALUES (METRIC)
White Film	Polypropylene	0.0015 inch	38.1 micro
Adhesive	Flame Resistant		
Reinforcing	Tri-directional Fiberglass/Polyester	5 / inch (MD) 4 / inch (XD)	20/ 100mm 16/ 100mm
Kraft	Natural	11 lbs / 3000 ft <sup>2</sup>	18 g / m <sup>2</sup>

PHYSICAL PROPERTIES	TEST METHOD	VALUES (ENGLISH)	VALUES (METRIC)
Basis Weight	Scale	17lbs / 1000 ft <sup>2</sup>	83 g / m <sup>2</sup>
Permeance (WVTR)	ASTM E96 Procedure A	0.09 perm (grains/hrft <sup>2</sup> -in Hg)	5.17 ng / m <sup>2</sup>
Bursting Strength	ASTM D774	60 psi	4.2 kg / cm <sup>2</sup>
Puncture Resistance	ASTM C1136	125 beach units	3.7 Joules
Tensile Strength	ASTM C1136	40 lbs/inch width (MD) 30 lbs/inch width (XD)	7.0 kn / m 5.3 kn / m
Caliper / Thickness	Micrometer	0.008 inch	203 micro
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	UL 723 / ASTM E84		CAN ULC-S102M	
	Flame Spread	Smoke Developed	Flame Spread	Smoke Developed
Film Exposed	10	10	15	30
Kraft Exposed	15	5	15	45

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

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