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LAMTEC®
CORPORATION

WMP-VR-R PLUS

POLYPROPYLENE / SCRIM / POLYESTER

Meets ASTM C1136 Type II, IV, VI

FACING COMPOSITION	DESCRIPTION	VALUES (I-P)	VALUES (SI) METRIC
White Film	Polypropylene	12.6 lbs / 3000 ft^2	21 g / m^2
Adhesive	Flame Resistant		
Reinforcing	Tri-directional Fiberglass	MD: 4 / inch XD: 4 / inch	MD: 16 / 100 mm XD: 16 / 100 mm
Film	Metallized Polyester	0.0005 inch	12.7 micron

PHYSICAL PROPERTIES	TEST METHOD	VALUES (I-P)	VALUES (SI) METRIC
Basis Weight	Scale	14 lbs / 1000 ft^2	68 g / m^2
Permeance (WVTR)	ASTM E96 Procedure A	≤0.02 perm (grains / hr*ft^2*in Hg)	≤1.14 ng / m^2· s· Pa
Bursting Strength	ASTM D774	90 psi	6.3 kg / cm^2
Tensile Strength	ASTM D828	MD: 35 lbs / inch XD: 35 lbs / inch	MD: 6.1 kN / m XD: 6.1 kN / m
Temp. & Humidity Resistance	ASTM C1258	No Corrosion No Delamination	No Corrosion No Delamination
Low Temperature Resistance	ASTM C1263 4 hours at -20°F (-29°C)	Remains Flexible No Delamination	Remains Flexible No Delamination
High Temperature Resistance	ASTM C1263 Modified 4 hours at 240°F (116°C)	Remains Flexible No Delamination	Remains Flexible No Delamination
Mold Resistance	ASTM C1338	No Growth	No Growth
Dimensional Stability	ASTM D1204	≤0.5%	≤0.5%
Light Reflectance	ASTM E1331	85%	85%

FIRE TESTING

	ASTM E84 / UL 723	
	Polypropylene Side	Polyester Side
Flame Spread	10	10
Smoke Developed	35	40

FM APPROVED

CLASSIFIED UL

Physical property values are typical and not intended to serve as specifications.
Weight and thickness values +/- 10%. Information subject to change without notice.

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