

WMP-50 PERFORATED

POLYPROPYLENE / SCRIM / CORE / METALLIZED POLYESTER

FACING COMPOSITION	DESCRIPTION	VALUES (ENGLISH)	VALUES (METRIC)
White Film	Polypropylene	0.0015 inch	38.1 micron
Adhesive	Flame Resistant		
Reinforcing	Tri-Directional	5 / inch (MD)	20 / 100 mm (MD)
	Fiberglass/Polyester	5 / inch (XD)	20 / 100 mm (MD)
Core	Proprietary	30 lbs / 3000 ft ²	49 g / m ²
Adhesive	Polymeric		
Film	Metallized Polyester	0.0005 inch	12.7 micron

PHYSICAL PROPERTIES	TEST METHOD	VALUES (ENGLISH)	VALUES (METRIC)
Basis Weight	Scale	34 lbs / 1000 ft ²	166 g / m ²
Permeance (WVTR)	ASTM E96 Procedure A	>10 perm (grains/hr.ft ² .in Hg)	>574 ng / N.s
Bursting Strength	ASTM D774	120 psi	8.4 kg / cm ²
Puncture Resistance	ASTM C1136	90 beach units	3.7 Joules
Tensile Strength	ASTM C1136	65 lbs/inch width (MD) 60 lbs/inch width (XD)	11.4 kN / m (MD) 10.5 kN / m (XD)
Caliper / Thickness	Micrometer	0.011 inch	279 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%
Light Reflectance	ASTM C523	85%	85%

FIRE TESTING	ASTM E84 / UL 723		CAN ULC-S102M		CLASSIFIED C UL US
	Polypropylene Side	Polyester Side	Polypropylene Side	Polyester Side	
Flame Spread	5	5	5	5	
Smoke Developed	30	20	30	20	

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

**PLEASE CONTACT YOUR SILVERCOTE SALES REPRESENTATIVE
FOR MORE INFORMATION AT (844) 232-3701 OR INFO@SILVERCOTE.COM**