

FACING COMPOSITION	DESCRIPTION	VALUES(ENGLISH)	VALUES(METRIC)
White Film	FR Polypropylene	0.00118 inch	30µm
Adhesive	Flame Retardant		
Reinforcing	Tri-Directional Fiberglass	5 / inch (MD) 4 / inch (XD)	20/100 mm (MD) 16/100 mm (XD)
Kraft	Flame Retardant	61 lbs / 3000 ft ²	100g/ m ²
Adhesive	Flame Retardant		
Film	Metallized Polyester	0.00028 inch	7µm
PHYSICAL PROPERTIES	TEST METHOD	VALUES(ENGLISH)	VALUES(METRIC)
Basis Weight	Scale	32 lbs /1000 ft ²	158 g/ m ²
Permeance (WVTR)	ASTM E96/Procedure A	0.02 perm	1.15ng/N.s
Tensile Strength	ASTM C1136	64 lbs/inch (MD) 55 lbs/inch (XD)	11.2kN/m (MD) 9.6kN/m (XD)
Thickness	Micrometer Caliper	0.011 inch	280 micron
Fire Rating	ASTM E84	Class B	Class B
Accelerated Aging	ASTM C1258 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
Dimensional Stability	ASTM D1204	0.25%	0.25%
Emissivity	ASTM E408	0.03	0.03

TECHNICAL SERVICES

Technical information and detailed test results can be obtained by emailing the manufacturer at info@arksynthetics.com Tel: 778 325 1557

