



0.93 oz Membrane Silpoly

Data Sheet

Width	~58 in (147 cm)
Weight	Base: 0.80 oz/yd ² (27 g/m ²) Finished: 0.93 oz/yd ² (32 g/m ²)
Composition	100% Polyester
Yarn	Polyester
Denier	15D
Thread Count	Warp - 220, Weft - 165, Threads/inch
Thickness	0.0016 in (0.04 mm)
Grid Size/Shape	Taffeta
Finish/Coating	Silicone coated both sides
DWR	None
Downproof	Yes
Care Instructions	Machine wash, delicate cycle. Wash Separately. Use a mild detergent, without fabric softener. Do not use bleach, conditioners or stain removers. Do Not Iron.
Country of Origin	Import
Digital Print	Yes

Property	Test Method	Value
Tear Strength	ASTM D 1424	Warp 1.7 lbF
		Weft 1.2 lbF
Tensile Strength	ASTM D 5034	Warp 10.4 lbF/in
		Weft 7.5 lbF/in
Air Permeability	ASTM D 737	0 ft ³ /ft ² /min (CFM)
Hydrostatic Head (pre-wash)	AATCC 127	~ 1500 mm
Hydrostatic Head (post 10x wash)	AATCC 127 + AATCC 135	~ 200 mm
Seam Strength	ASTM D 1683	Warp 8.7 lbF
		Weft 11.9 lbF
Color Fastness to Light	AATCC 16	3.5
UV Transmission	AATCC 183	Mean UV Protection Factor (UPFm) - 20 UV - A Blocking(mean) - 85.12% UV - B Blocking(mean) - 96.06% UPF Class - < 15
Abrasion Resistance	ASTM D 4966	>8,000 Revolution

Possible Applications:

A premium material for all projects requiring an extremely lightweight, waterproof textile. Common applications include tarps, tents, ponchos, gear sacks, pack covers, etc.

(1) Actual material properties will vary. Values listed represent average values or estimates.

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