

1.1 oz Silpoly PU4000 Data Sheet

Width	~ 58 in (147 cm)
Weight	Base: 1.1 oz/yd ² (37 g/m ²) Finished: 1.47 oz/yd ² (50 g/m ²)
Composition	100% Polyester
Yarn	Polyester
Denier	20D
Thread Count	Warp - 220, Weft - 175, Threads/inch
Thickness	0.0024 in (0.06 mm)
Grid Size/Shape	0.12 in x 0.12 in (3 x 3 mm) box
Finish/Coating	Silicone coated one side, PU4000 other side
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	None

Property	Test Method	Value
Tear Strength	ASTM D 1424	Warp 6.0 lbF
		Weft 4.6 lbF
Tensile Strength	ASTM D 5034	Warp 24.9 lbF/in
		Weft 20.7 lbF/in
Air Permeability	ASTM D 737	0 ft ³ /ft ² /min (CFM)
Hydrostatic Head (pre-wash)	AATCC 127	~ 4000 mm
Hydrostatic Head (post 10x wash)	AATCC 127 + AATCC 135	~ 500 mm
Seam Strength	ASTM D 1683	Warp 21.2 lbF
		Weft 30.3 lbF
Color Fastness to Light	AATCC 16	4.0
UV Transmission	AATCC 183	Mean UV Protection Factor (UPFm) - 31 UV -A Blocking(mean) - 90.74% UV -B Blocking(mean) - 98.62% UPF Class - 20
Abrasion Resistance	ASTM D 4966	>8,000 Revolution

Possible Applications:

Great for projects such as tarps, covers, ponchos, tents, or any application requiring a midweight, relatively durable waterproof fabric.

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

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