

WeatherMAX[®] 3D

Technical Data Sheet

Revised: 02/2020

Fiber: 100% Solution-Dyed SaturaMAX w/ ultra-high UV & pigments

Finish: exclusive HydroMax water repellent (no coating)

Test	Method	Basis		Nominal Value
Construction				
Fabric Weight	ASTM D 3776	ounces / Sq Yd		7.2
Thickness	ASTM D 1777	millimeters		0.61
Finished Fabric Width	ASTM D3774	inches		62-63
Water resistance / Breathability				
Hydrostatic Test	AATCC 127	centimeters		15
Spray (Large)	AATCC 22	rating	front back	100 100
Water repellency	AATCC 193	grade 1-6		6
Oil Repellency	AATCC 118	grade 1-6		5
Air Permeability	ASTM D737	cfm		58
Wick	SAE J913	inches	warp / fill	0
Strength / Durability				
Break Strength	ASTM D5034	lbs.	warp	225
			fill	290
			45 degree	530
Mullen Burst	ASTM D 3786	lbs.		245
Tear Strength - Trap	ASTM D2261	lbs.	warp	68
			fill	70
Tear Strength - Tongue	ASTM D2261	lbs.	warp	30
			fill	20
Wyzenbeek Abrasion - Wire Screen	ASTM D4157	cycle	warp fill	50,000+ 50,000+
UV Resistance / Protection				
UPF (Ultraviolet Protection Factor)	AATCC 183			50+
UVA & UVB (Ultraviolet Blockage)	AATCC 183			Over 98%
Colorfastness (1500 hours)	AATCC 169	grade 1-6		4 - 6
Dimensional Stability				
Elongation before break	ASTM D 5034	percent	warp	88
			fill	100
			45 degree	103
Abrasiveness / Handling				
Circular Bend Stiffness	ASTM D4032	unit	18	0.8
Temperature				
Cold Crack -40 degrees	ASTM D 1912			pass
Shrinkage Point			degrees F	370+
Melting Point			degrees F	470+

Other test results available upon request

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