

# WeatherMAX<sup>TM</sup> LT

Technical Data Sheet

Revised: 08/2020

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

**Finish:** exclusive HydroMax water repellent (no coating)

Test	Method	Basis	Nominal Value
<b>Construction</b>			
Fabric Weight	ASTM D 3776	ounces / Sq Yd	<b>6.5</b>
Thickness	ASTM D 1777	millimeters	<b>0.31</b>
Finished Fabric Width	ASTM D3774	inches	<b>60</b>
<b>Water resistance / Breathability</b>			
Hydrostatic Test	AATCC 127	centimeters	<b>42</b>
Rain Test - 2 minutes / 600 mm	AATCC 35	grams	<b>0.023</b>
Spray (Large)	AATCC 22	rating	front back
			<b>100</b> <b>100</b>
Water repellency	AATCC 193	grade 1-6	<b>6</b>
Oil Repellency	AATCC 118	grade 1-6	<b>4</b>
Air Permeability	ASTM D737	cfm	<b>1.5</b>
Wick	SAE J913	inches	warp / fill
			<b>0</b>
<b>Strength / Durability</b>			
Break Strength	ASTM D5034	lbs.	warp fill
			<b>430</b> <b>270</b>
Mullen Burst	ASTM D 3786	lbs.	
			<b>292</b>
Tear Strength - Trap	ASTM D2261	lbs.	warp fill
			<b>80</b> <b>24</b>
Tear Strength - Tongue	ASTM D2261	lbs.	warp fill
			<b>15</b> <b>10</b>
Wyzenbeek Abrasion - Wire Screen	ASTM D4157	cycle	warp fill
			<b>50,000+</b> <b>50,000+</b>
<b>UV Resistance / Protection</b>			
UPF (Ultraviolet Protection Factor)	AATCC 183		<b>50+</b>
UVA & UVB (Ultraviolet Blockage)	AATCC 183		<b>Over 99%</b>
Colorfastness (1500 hours)	AATCC 169 option1	grade 1-6	<b>4 - 6</b>
<b>Dimensional Stability</b>			
Elongation before break	ASTM D 5034	percent	warp fill
			<b>41</b> <b>34</b>
<b>Abrasiveness / Handling</b>			
Circular Bend Stiffness	ASTM D4032	unit	18
			<b>3.1</b>
<b>Temperature</b>			
Cold Crack -40 degrees	ASTM D 1912		<b>pass</b>
Shrinkage Point		degrees F	<b>370+</b>
Melting Point		degrees F	<b>470+</b>

Other test results available upon request

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