



# Performance Textiles

## **SOAR COAT® SPECIFICATIONS**

<b>Property</b>	<b>Standard</b>	<b>Commercial Test Method</b>
<b>MATERIAL</b>	30 Denier, High Tenacity Bright Nylon, Heat and Light Inhibitors	AATCC 20
<b>MELTING POINT (min)</b>	471°F	AATCC 20
<b>WEAVE PATTERN</b>	Rip stop 7.5 minimum repeats per inch	Visual
<b>WEIGHT (max)</b>	1.35 OSY	ASTM D 737
<b>THICKNESS (max)</b>	.003 Inches	ASTM D 1777
<b>STRENGTH (min) 1" ravel strip</b>	45 x 45 pounds	ASTM D 5035 R <sup>1</sup>
<b>ELONGATION (min)</b>	25%	ASTM D 5035 R <sup>1</sup>
<b>TEAR STRENGTH</b>	12 x 12 pounds	ASTM D 2261 <sup>1</sup>
<b>AIR PERMEABILITY</b>	0 CFM	ASTM D 737
<b>CONSTRUCTION (min)</b>	128 x 130	ASTM D 3775
<b>pH</b>	5.5 - 9.0	AATCC 81
<b>COLORFASTNESS (min)</b>	3-4 min AATCC Gray Scale Laundering (Color Change & Stain) Cold Water (Color Change & Stain) Light - Xenon (Color Change) Crocking - (Stain)	AATCC 61, Test 1A AATCC 107 <sup>3</sup> AATCC 16, Test Opt. 1 PIA C 44378, p.p. 4.9.3
<b>WIDTH (min)</b>	65 Inches	ASTM D 3774
<b>HEAT/LIGHT RESISTANCE</b>	Max 25% Change*	Xenon/PIA C 44378 p.p. 4.9.2.1 & 4.9.2.2
<b>BIAS/BOW (max)</b>	3 degrees skew	

\* Some vibrant colors have higher loss to UV.

**THESE PHYSICAL PROPERTIES ARE CERTIFIED ON EACH LOT SUPPLIED.**