



PERFORMANCE
TEXTILES

SOAR COAT[®] SPECIFICATIONS

Revision: A Dated: 10/3/19

<u>Property</u>	<u>Standard</u>	<u>Commercial Test Method</u>
MATERIAL	30 Denier, High Tenacity Bright Nylon, Heat and Light Inhibitors	AATCC 20
MELTING POINT (min)	471°F	AATCC 20
WEAVE PATTERN	Rip stop 7.5 minimum repeats per inch	Visual
WEIGHT (max)	1.40 OSY	ASTM D 3776
THICKNESS (max)	.003 Inches	ASTM D 1777
BREAKING STRENGTH (min) 1" ravel strip	45 x 45 pounds	ASTM D 5035
ELONGATION (min)	25%	ASTM D 5035
TEAR STRENGTH (min)	12 x 12 pounds	ASTM D 2261
AIR PERMEABILITY (max)	0 CFM *	ASTM D 737 (0.5" water column)
CONSTRUCTION (min)	128 x 130	ASTM D 3775
pH(min/max)	5.5 - 9.0	AATCC 81
COLORFASTNESS (min)	3-4 (Color Change & Stain) Laundering (Color Change & Stain) Cold Water (Color Change & Stain) Light - Xenon (Color Change) Crocking	AATCC Gray Scales AATCC 61, Test 1A AATCC 107 AATCC 16, Test Opt. 3 AATCC 8
CUTTABLE WIDTH (min)	65 Inches	ASTM D 3774
HEAT/LIGHT RESISTANCE	Max 25% Change* *	Xenon/PIA C 44378E p.p. 4.9.2.1 & 4.9.2.2
BIAS/BOW (max)	2" Max for 72 inches	

*As defined by ISO rounding standards

** Some vibrant colors have higher loss to UV.

THESE PHYSICAL PROPERTIES ARE CERTIFIED ON EACH LOT SUPPLIED.