

## Lumina

### DESCRIPTIONS

WEIGHT (LINEAR YARD)	24.0 oz
WIDTH	54"
THICKNESS	1.00 mm
GAUGE	0.40
EMBOSS	Smooth
SURFACE COMPOSITION	100 % Polyurethane
SUBSTRATE COMPOSITION	100 % Polyester Knit

### GENERAL TREATMENTS

HYDROLYSIS RESISTANCE	7 weeks, ISO1419:1995 (Jungle Test)
COLORFASTNESS TO LIGHT	200 Hours, CFFA-2 / AATCC 16-3
COLD CRACK	-20 °F, CFFA-6a Federal Standard No. 191A-Method 5874
MILDEW RESISTANT	Pass, CFFA-120 / ASTM G21-96
ANTI-BACTERIAL / ANTI-MICROBIAL	Pass, CFFA-300 / AATCC* Test Method 147-1998
STAIN RESISTANT	Yes, with Cleangene™ technology
BLEACH RESISTANT	Yes, 1:10 Dilution

### PHYSICAL PROPERTIES

ABRASION	100,000 Double Rubs, CFFA-1A / Method ASTM D 4157-92
COATING ADHESION	Full Bond, Warp, Full Bond Fill, CFFA 3 / ASTM D751-98
TEAR STRENGTH: TONGUE TEAR	14.6 Warp, 15.2 Fill, CFFA-16b / ASTM D2261-96
BREAKING STRENGTH	189 Warp, 99 Fill, CFFA-17 / ASTM D751-10
SEAM STRENGTH: TACK TEAR	85.3 Dry, 48.2 Wet, CFFA-14 / Method ASTM D751-07
BLOCKING RESISTANCE	1 Rating, CFFA-4 / FTMS 191A-Method 5872
CROCKING	5 Dry, 5 Wet, AATCC-Method 8-2001

### FLAME RETARDANCY

CALIFORNIA TECHNICAL BULLETIN 117:13	Pass
UFAC CLASS I	Pass
BIFMA CS-191-53, SECTION 3 & 4	Pass
NFPA 260	Pass
IMO 2010 FTP CODE, PART 8 (3.1)	Pass
ASTM E-84 (ADHERED & UNADHERED): CLASS 1 OR A	Pass