

## Austen

### GENERAL SPECIFICATIONS

WEIGHT (LINEAR YARD)	20.0 oz
WIDTH	54"
THICKNESS	1.00 mm
GAUGE	0.040
SURFACE COMPOSITION	100% Polyurethane (Polycarbonate)
SUBSTRATE COMPOSITION	100% Polyester

### GENERAL TREATMENTS

HYDROLYSIS RESISTANCE	7 Weeks, ISO1419:1995 (Jungle Test)
COLORFASTNESS TO LIGHT	200 Hours, AATCC 16.3-2014, Option 3
COLD CRACK	-20° F, CFFA-6a-2010
ANTI-BACTERIAL	Pass, AATCC 147
STAIN RESISTANT	Yes, Writer's Block™
BLEACH RESISTANT	Yes, 20% Dilution
DENIM DYE RESISTANT	Yes

### PHYSICAL STRENGTH PROPERTIES

ABRASION	250,000+ Double Rubs, ASTM D4157-13 ACT STANDARD COTTONDUCK
ABRASION TABER	250 Cycles, No Appreciable Wear, ASTM D3389
TEAR STRENGTH: TONGUE TEAR	7.3 Warp, 10.5 Fill, ASTM D2261-13
BREAKING STRENGTH	119 Warp, 239 Fill, ASTM D751-06
SEAM STRENGTH: TACK TEAR	70.3 Warp, 69.5 Fill, ASTM D751-06
PUNCTURE RESISTANCE	38.6 lbf, ASTM D4833
CROCKING	5 Dry, 5 Wet, AATCC 8-2016
FLEX TESTING OF FINISH	50,000 Warp, 50,000 Fill, ASTM D2097-03 (2010)
STRETCH & SET	SAE J855 2009

	Stretch	Set
Warp	7.6%	0.0%
Fill	41.1%	3.5%
Bias	14.7%	60.0%

COATING ADHESION 7.3 Warp, 6.9 Fill, ASTM D751-06

### FLAME RETARDANCY STANDARDS

CALIFORNIA TECHNICAL BULLETIN 117:13	Pass
UFAC CLASS I	Pass
NFPA 260	Pass

### REDUCED ENVIRONMENTAL IMPACT

- PHthalate FREE
- LEAD FREE
- BPA FREE/TRIS FREE/FORMALDEHYDE FREE
- DOES NOT CONTAIN CONFLICT MINERALS
- DOES NOT CONTAIN FLAME RETARDENT CHEMICALS
- DOES NOT CONTAIN ANTI-MICROBIAL CHEMICALS
- DOES NOT CONTAIN ANTI-BACTERIAL CHEMICALS



\*ACT® Registered Certification Marks