

Envision

GENERAL SPECIFICATIONS

WEIGHT (LINEAR YARD)	28.0 oz
WIDTH	54"
THICKNESS	1.10 mm
GAUGE	0.044
SURFACE COMPOSITION	100% SiO™ Silicone
SUBSTRATE COMPOSITION	100% Polyester

GENERAL TREATMENTS

COLORFASTNESS TO LIGHT	500 Hours, AATCC 16.3-2014, Option 3
UV RESISTANCE	1300 Hours, ASTM G154-12a
ANTI-BACTERIAL	Pass, AATCC 147-2011
MILDEW RESISTANT	Pass, ASTM G21-13
PINK STAIN RESISTANT	Yes, ASTM E1428
ANTI-MICROBIAL	Pass, ASTM G21-13
COLD CRACK	-20°F, CFFA-6a-2010
ANTI-STATIC	Pass, AATCC 76
CYTOTOXICITY	Degree 0, ISO 10993-5
SKIN IRRITATION	No reaction, ISO 10993-10
SALT SPRAY RESISTANCE	1000+ Hours, ASTM B117
STAIN RESISTANT	Yes
INK RESISTANT	Yes
DENIM DYE TRANSFER RESISTANT	Yes, BN 112-09
BLEACH RESISTANT	Yes, 20% Dilution
ISOPROPYL ALCOHOL RESISTANT	Yes, 70% Dilution

PHYSICAL STRENGTH PROPERTIES

ABRASION	225,000 Double Rubs, ASTM D 4157-13 ACT WYZENBEEK
TEAR STRENGTH: TONGUE TEAR	10.7 Warp, 11.8 Fill, ASTM D751-06
BREAKING STRENGTH	250 Warp, 279 Fill, ASTM D751-06
SEAM STRENGTH: TACK TEAR	102 Warp, 102 Fill ASTM D751-06
CROCKING	5.0 Wet, 5.0 Dry, AATCC-8-2016
COATING ADHESION	Full Bond, ASTM D751-06
FLEX TESTING	25,000 cycles, ASTM D2097-03 (2010)
STRETCH & SET	SAE J855 2009

	Stretch	Set
Warp	8.8%	0.0%
Fill	24.1%	0.3%
Bias	21.9%	0.3%

FLAME TREATMENTS

CALIFORNIA TECHNICAL BULLETIN 117:13	Pass
UFAC CLASS 1	Pass
NFPA 260	Pass
IMO FTP CODE 2010, PART 8	Pass
FMVSS 302	Pass
BS 5852: 2006 CRIB 5	Pass
ASTM E-84 (ADHERED & UNADHERED): CLASS 1 OR A	Pass

REDUCED ENVIRONMENTAL IMPACT

CALIFORNIA PROPOSITION 65 COMPLIANT
PVC FREE
PHthalate FREE
LEAD FREE
BPA FREE/TRIS FREE/FORMALDEHYDE FREE
DOES NOT CONTAIN CONFLICT MINERALS
DOES NOT CONTAIN FLAME RESISTANT CHEMICALS

DOES NOT CONTAIN ANTI-MICROBIAL & ANTI-BACTERIAL CHEMICALS
PFC FREE
REACH 175 COMPLIANT
ROHS 2.0 COMPLIANT
HHI COMPLIANT
HPD AVAILABLE



*ACT® Registered Certification Marks