


PRODUCT SPECIFICATION SHEET



SiO™

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The medical performance grade silicone™

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This is an up-to-date spec sheet. This pattern never contained flame retardant, anti-bacterial, or anti-microbial additives.

## Envision

<b>SURFACE COMPOSITION</b>	100% SiO™ Silicone
<b>SUBSTRATE COMPOSITION</b>	100% Polyester
<b>WEIGHT</b>	28 oz per linear yard
<b>WIDTH</b>	54"
<b>THICKNESS</b>	1.10 mm

### ADDED PERFORMANCE SPECIFICATIONS

<b>STAIN RESISTANCE</b>	Yes	
<b>UV RESISTANCE</b>	1300 Hours	ASTM G154-06
<b>COLORFASTNESS TO LIGHT</b>	500 Hours	AATCC 16.3-2014, Option 3
<b>BLEACH RESISTANCE</b>	Yes, 10% Dilution	
<b>MILDEW RESISTANCE</b>	Pass	ASTM G21-13
<b>ANTI-BACTERIAL</b>	Pass	AATCC 147-11
<b>COLD CRACK</b>	-20° F	CFFA-6a-2010
<b>DENIM DYE TRANSFER RESISTANCE</b>	Yes	Ford BN 112-09
<b>SULFIDE STAIN RESISTANCE</b>	Yes	
<b>PINK STAIN RESISTANCE</b>	Yes	ASTM E1428
<b>ANTI-STATIC</b>	Pass	AATCC-76
<b>CYTOTOXICITY</b>	Degree 0	ISO 10993-5
<b>SKIN IRRITATION</b>	No reaction	ISO 10993-10
<b>SALT SPRAY RESISTANCE</b>	1,000+ Hours	ASTM B117
<b>INK RESISTANCE</b>	Yes	
<b>ISOPROPYL ALCOHOL RESISTANCE</b>	Yes, 70% Dilution	

### PHYSICAL PERFORMANCE SPECIFICATIONS

<b>ABRASION RESISTANCE</b>	225,000 Double Rubs*	ASTM D4157-13
<b>BREAKING STRENGTH</b>	250 Warp, 279 Fill	ASTM D751-00
<b>COATING ADHESION</b>	Full Bond Warp, Full Bond Fill	ASTM D751-06
<b>CROCKING RESISTANCE</b>	5 Dry, 5 Wet	AATCC 8-2016
<b>FLEX RESISTANCE</b>	25,000+	ASTM D2097-03
<b>TEAR STRENGTH: TONGUE TEAR</b>	10.7 Warp, 11.8 Fill	ASTM D751-06
<b>SEAM STRENGTH: TACK TEAR</b>	88.9 Warp, 97.84 Fill	ASTM D751-06

\*Abrasion test results exceeding ACT Performance Guidelines are not an indicator of product lifespan.

### FLAME RETARDANCY SPECIFICATIONS

CALIFORNIA TECHNICAL BULLETIN 117:13	Pass
UFAC CLASS I	Pass
NFPA 260	Pass
IMO 2010 FTP CODE, PT. 8	Pass
ASTM E84 (ADHERED & UNADHERED)	Pass
BS 5852: 2006 Crib 5	Pass
FMVSS 302	Pass

### REDUCED ENVIRONMENTAL IMPACT

THIS PRODUCT DOES NOT POSE ANY EXPOSURE RISKS ASSOCIATED WITH THE CHEMICALS IN PROP 65  
NO ADDED FLAME RETARDANT CHEMICALS - AB2998 COMPLIANT  
NO ADDED ANTI-BACTERIAL CHEMICALS  
PHTHALATE FREE  
LEAD / HEAVY METAL FREE  
BPA FREE / TRIS FREE / FORMALDEHYDE FREE  
DOES NOT CONTAIN CONFLICT MINERALS



Disclaimer: This product meets the Healthy Interior goals of the Safer Chemical Challenge according to the manufacturer Practice Greenhealth does not verify this information.