


PRODUCT SPECIFICATION SHEET



SiO™

The medical performance grade silicone™

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

Fusion

| | |
|------------------------------|-----------------------|
| SURFACE COMPOSITION | 100% SiO™ Silicone |
| SUBSTRATE COMPOSITION | 100% Polyester |
| WEIGHT | 28 oz per linear yard |
| WIDTH | 54" |
| THICKNESS | 1.10 mm |

ADDED PERFORMANCE SPECIFICATIONS

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|--------------------------------------|-------------------|---------------------------|
| STAIN RESISTANCE | Yes | |
| UV RESISTANCE | 1300 Hours | ASTM G154-06 |
| COLORFASTNESS TO LIGHT | 500 Hours | AATCC 16.3-2014, Option 3 |
| BLEACH RESISTANCE | Yes, 10% Dilution | |
| ANTI-BACTERIAL | Pass | AATCC 147-11 |
| COLD CRACK | -20° F | CFFA-6a-2010 |
| DENIM DYE TRANSFER RESISTANCE | Yes | Ford BN 112-09 |
| SULFIDE STAIN RESISTANCE | | |
| CYTOTOXICITY | Degree 0 | ISO 10993-5 |
| SALT SPRAY RESISTANCE | 1,000+ Hours | ASTM B117 |
| INK RESISTANCE | Yes | |
| ISOPROPYL ALCOHOL RESISTANCE | Yes, 70% Dilution | |

PHYSICAL PERFORMANCE SPECIFICATIONS

| | | |
|-----------------------------------|---|---------------|
| ABRASION RESISTANCE | 215,000 Double Rubs* | ASTM D4157-13 |
| BREAKING STRENGTH | 112 Warp, 119 Fill | ASTM D751-00 |
| COATING ADHESION | Full Bond Warp, Full Bond Fill | ASTM D751-06 |
| CROCKING RESISTANCE | 5 Dry, 5 Wet | AATCC 8-2016 |
| FLEX RESISTANCE | 25,000+ | ASTM D2097-03 |
| TEAR STRENGTH: TONGUE TEAR | 11.6 Warp, 8.2 Fill | ASTM D751-06 |
| SEAM STRENGTH: TACK TEAR | 85.9 Warp, 70.1 Fill | ASTM D751-06 |
| STRETCH AND SET | Warp 6.9% Stretch, 0% Set Fill 54.4% Stretch, 3.5% Set | SAE J855-2009 |

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

FLAME RETARDANCY SPECIFICATIONS

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|--------------------------------------|------|
| 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.



*ACT® Registered Certification Marks