Nassimi

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-microvial additives.

Envision

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

ADDED PERFORMANCE SPECIFICATIONS

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	
MILDEW RESISTANCE	Pass	ASTM G21-13
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	Yes	
PINK STAIN RESISTANCE	Yes	ASTM E1428
ANTI-STATIC	Pass	AATCC-76
CYTOTOXICITY	Degree 0	ISO 10993-5
SKIN IRRITATION	No reaction	ISO 10993-10
SALT SPRAY RESISTANCE	1,000+ Hours	ASTM B117
INK RESISTANCE	Yes	
ISOPROPYL ALCOHOL RESISTANCE	Yes, 70% Dilution	

PHYSICAL PERFORMANCE SPECIFICATIONS

ABRASION RESISTANCE	225,000 Double Rubs*	ASTM D4157-13
BREAKING STRENGTH	250 Warp, 279 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	10.7 Warp, 11.8 Fill	ASTM D751-06
SEAM STRENGTH: TACK TEAR	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

hpd VERSION 2.0 · REACH · RoHS Compliant · Healthier Hospitals A PRACTICE GREENHEALTH PROGRAM

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