



Product Specifications

Sta-Kleen Silicone - SILEX



<u>Technical Specs</u>	<u>Values</u>	<u>Test Method</u>
Surface Composition	100% Silicone	
Backing Composition	100% Polyester	ASTM D 751-06
Finished Width	54" min.	ASTM D 751-06
Repeat	None	
Railroaded	No	
Put-up	30 yards	
Cleaning Code	W/S	

<u>Performance</u>	<u>Values</u>	<u>Test Method</u>
Grab Tensile	200 lbs./in. x 200 lbs./in. min.	ASTM D 751-06
Trap Tear	30 lbs./in. x 30 lbs./in. min.	ASTM D 751-06
Seam Strength	90 lbs./in. x 90 lbs./in. min.	ASTM D 751-06
Adhesion	4 lbs./in. x 4 lbs./in. min.	ASTM D 751-06
Stretch @ 15# (MDxCD)	14% x 25%	ASTM D 751-06
Flex Resistance	100,000 Cycles	ASTM D 2097
Blocking	No. 1 - Pass	FTMS 191A-TM5872
Crock Resistance	Dry-5; Wet-5	AATCC 8-2016
Wyzenbeek Abrasion	200,000 cycles, #10 cotton duck	ASTM D 4157-13
Colorfastness to Light	2,000 hours	ASTM D 4329-05
Colorfastness to UVC Light	60 hours	Accelerated UVC/UVGI Light Exposre
Colorfastness to Water: Sea	Shade-5; Staining-5	AATCC 106-2013
Colorfastness to Water: Chlorinated Pool	4.8	AATCC 162
Colorfastness to Perspiration	Acid-4.8; Alkaline-4.8	AATCC 15
Mildew Resistance	Pass	ASTM G-21
Antibacterial Activity	Pass	AATCC 147
Antifungal Activity	Pass	AATCC 30, Test III
Blue Dye Transfer Resistance	Dry-4; Wet-3-4	LP-463KC-04-03
Biocompatibility - Vitro Cytotoxicity	Pass	ISO 10993-5-2009
Biocompatibility - Irritation and Skin Sensitization	Pass	ISO 10993-10-2010
Chemical Cleaner Resistance	Pass	ANSI BIFMA HCF 8.1-2017 Sections 6 & 7
Cold Crack (Roller Method)	-40°F	CFFA-6a

Flammability

California Bulletin 117-2013, Section 1	Pass
Bs5852 Crib 5	Pass
UFAC Class I	Pass
NFPA 701	Pass
NFPA 260	Pass
FMVSS #302	Pass
IMO 210 Part 8, Sections 3.1 & 3.2	Pass



Environmental

1. No solvents, polyvinyl chloride, plasticizers, phthalates, stabilizers, heavy metals or Bisphenol A
2. No persistent organic pollutants. No formaldehyde. No toxic by-products.
3. No chemical flame retardants
4. RoHS, REACH and LEED compliant
5. Passes CA 01350 VOC Emissions test

Suitable Applications: Healthcare, Hospitality, Contract, Automotive, Outdoor/Marine