



Product Specifications

Sta-Kleen Silicone - ELLIPSE



Technical Specs

<u>Technical Specs</u>	<u>Values</u>	<u>Test Method</u>
Surface Composition	100% Silicone	
Backing Composition	100% Polyester	
Finished Width	54" min.	ASTM D 751-06
Repeat	V: 20" / H: 20"	
Railroaded	No	
Put-up	30 yards	
Cleaning Code	W/S	

Performance

<u>Performance</u>	<u>Values</u>	<u>Test Method</u>
Grab Tensile	250 lbs./in. x 250 lbs./in. min.	ASTM D 751-06
Trap Tear	60 lbs./in. x 60 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)	16% x 35%	ASTM D 751-06
Puncture Resistance	50.0 N	ASTM D 751-06
Blocking	No. 1 - Pass	ASTM D 751-06
Flex Resistance	100,000 Cycles	ASTM D 2097-03 (2016)
Wyzenbeek Abrasion	500,000 cycles, #10 cotton duck	ASTM D 4157-13
Print Retention	Grade 5	ASTM D 3389-10
Crock Resistance	Dry-5; Wet-5	AATCC 8-2016
Colorfastness to Light	650 hours, Grade 4.5	ASTM D 4329-05
Colorfastness to Water: Sea	Shade-5; Staining-5	AATCC 106-2013
Mildew Resistance	Pass	ASTM G-21
Anti-Bacterial	Pass	AATCC 147-2004
Blue Jean Dye Transfer Resistance	Dry-4-5; Wet-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/Disinfectant 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 260 and 701	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. No anti-microbial additives.
5. REACH, LEED v4, LEED MR Credit 5, CA 01350, and Prop 65 compliant.

Suitable Applications: Healthcare, Hospitality, Contract