



Product Specifications

Sta-Kleen Silicone - SERENDIPITY



| <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: 13.5" / H:13.5" | |
| Railroaded | No | |
| Put-up | 25 yards | |
| Cleaning Code | W/S | |
| | | |
| <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 |
| | | |
| <u>Flammability</u> | | <u>Environmental</u> |
| California Bulletin 117-2013, Section 1 | Pass | 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. |
| 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 | |

Suitable Applications: Healthcare, Hospitality, Contract