

sta✶kleen®

SILICONE

Sta-Kleen Silicone – A New Advancement in Coated Fabrics

Sta-Kleen Silicone is the latest innovation in the Sta-Kleen family of coated fabrics. It is a completely new type of coated fabric made from 100% silicone with a 100% polyester double-knit backing (allowing better recover and 4-way stretch for easier upholstering).

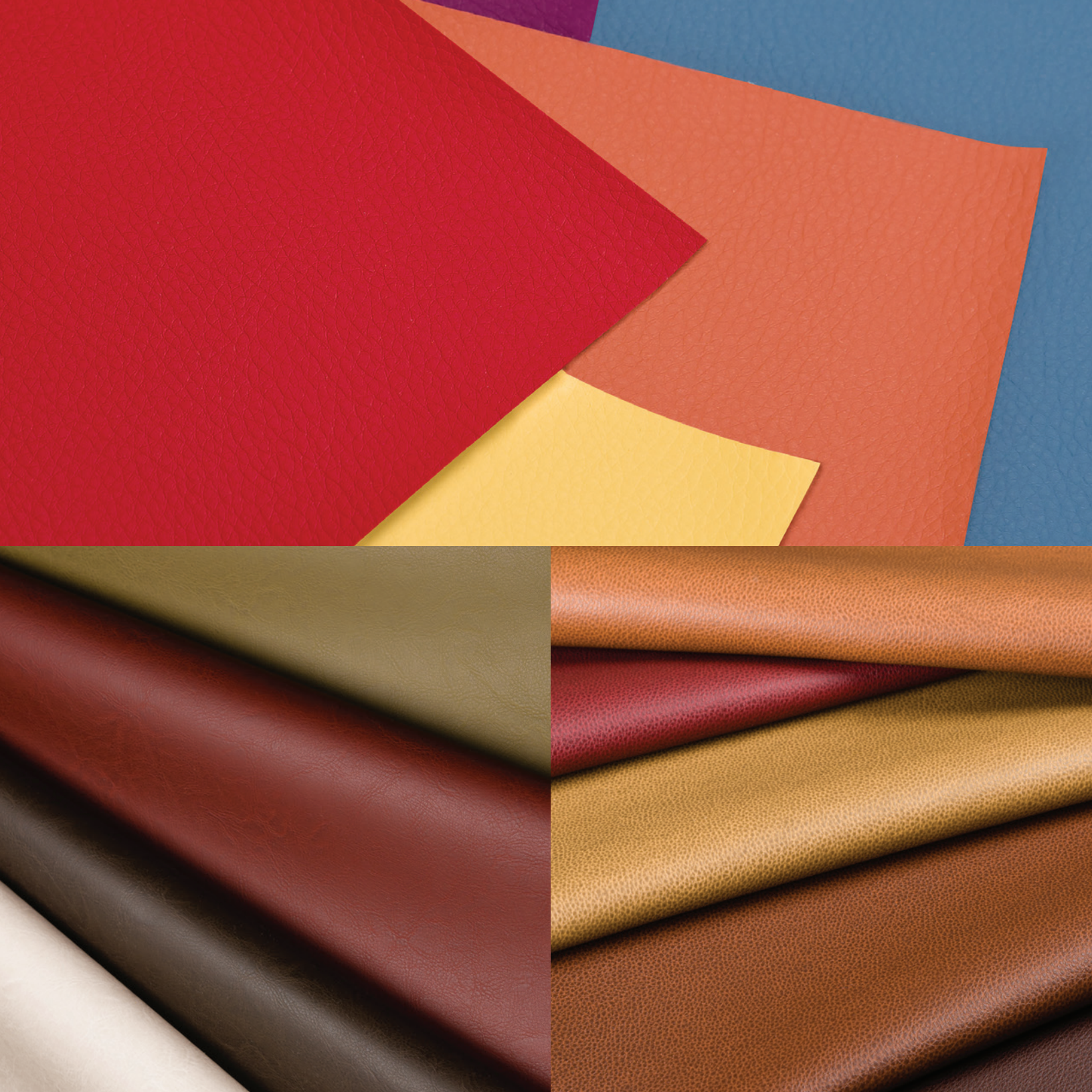


What is Silicone? Silicone is an organic polymer containing a compound of carbon-silicon bonds.

The production process is as environmentally friendly as it gets. Sta-Kleen Silicone is produced through a casting process which uses far less energy than a traditional PVC casting process. The manufacturing process does not use any solvents and very little water which is recycled. There is no VOC released and no air pollution.

Sta-Kleen Silicone has a supremely soft and leather-like hand with a subtle surface drag. The first three patterns to be introduced include a two-tone distressed finish, a feather-light grain, and a gorgeous solid.







Performance

Sta-Kleen Silicone exceeds the performance standards for commercial coated fabrics set by the Association of Contract Textiles (ACT). Sta-Kleen Silicone is also inherently stain resistant, chemical disinfectant resistant, mildew resistant, hydrolysis resistant, UV resistant, and denim dye resistant with superior cold crack performance. It delivers the highest Colorfastness to Light rating of any coated fabric on the market today.

Environmental Qualities

Sta-Kleen Silicone **does not** contain polyvinyl chloride, plasticizers, phthalates, stabilizers, heavy metals or Bisphenol A. It does not contain any chemical additives, but passes most commercial flammability tests.

Sta-Kleen Silicone is compliant with the following environmental, green building, and material reporting standards:

REACH
RoHS 2.0
LEED v4 and LEED MR Credit 5
CA Section 01350 VOC Emissions

Health Product Declaration (HPD)
Healthier Hospitals Initiative (HHI)
mindful MATERIALS (mM)
California Proposition 65

Care and Cleaning

Day-to-Day Cleaning — Remove ordinary dirt and smudges with mild soap and water. A 5:1 ratio of water to bleach solution may be used as a disinfectant. Rinse the surface with clean water after disinfecting. Dry with a soft, lint-free cloth or towel.

Stain Removal — Sta-Kleen Silicone fabric is resistant to most common stains. To keep furniture looking new, stains such as ballpoint pen can be dry-erased with a clean, lint-free cloth. Gently rub the area until the stain has been removed. Wet or gooey stains such as food stains (e.g., ketchup or jelly) or topical stains (e.g., antiseptics, lotions and cream) wipe first with a clean cloth or sponge, and then follow the instructions above.

Stubborn Stains — If a ghost stain remains, apply a small amount of household rubbing alcohol (isopropyl alcohol) to a clean, lint-free cloth and rub the stain until it has been removed. Rinse with a clean, damp cloth and go!



Sta-Kleen™ Silicone Product Specifications

Technical	Values	Test Method
Surface Composition	100% Silicone	
Finished Width	54" min.	ASTM D 751-06
Weight at 54 inches	25.6 oz./yd. ±10%	ASTM D 751-06
Thickness	1.2 mm ±10%	ASTM D 751-06
Total Weight	17.3 oz./yd2 ±10%	ASTM D 751-06
Backing Composition	100% Polyester	ASTM D 751-06
Backing Weight	11.0 oz. / yd2 ±10%	ASTM D 751-06
Put-up	30 yards	
Cleaning Code	W/S	
Performance	**Values**	**Test Method**
Grab Tensile	200 lbs./in.× 200 lbs./in. min.	ASTM D 751-06
Trap Tear	30 lbs./in. × 30 lbs./in. min.	ASTM D 751-06
Seam Strength	90 lbs./in. × 90 lbs./in. min.	ASTM D 751-06
Adhesion	4 lbs./in. × 4 lbs./in. min.	ASTM D 751-06
Stretch @ 15# (MD×CD)	14% × 25%	ASTM D 751-06
Flex Resistance	25,000 Cycles	ASTM D 2097: 2003
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	1,500 hours	ASTM D 4329-05
Colorfastness to Water: Sea	Shade-5; Staining-5	AATCC 106-2013
Mildew Resistance	Pass	ASTM G-21
Biocompatibility – Vitro Cytotoxicity	Pass	ISO 10993-5-2009
Biocompatibility – Skin Sensitization	Pass	ISO 10993-10-2010
Chemical Cleaner Resistance	Pass	ANSA/BIFMA HCF 8.1-2017, Sec. 6 & 7
Blue Dye Transfer Resistance	Dry-4; Wet- 3-4	LP-463KC-04-03
Cold Crack (Roller Method)	-40°F	CFFA-6a

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

Suitable Applications: Hospitality, Contract, Healthcare. **Country of Origin:** China.