



Smooth Series

US Collection V.3



Silicone Fabric



TECHNICAL DATA | Smooth Series

Theory | Classic Smooth | Serenity

- Application**
Upholstery and General Purpose
- Material Composition**
Surface - 100% Silicone
Backing - Polyester
- Dimensions**
Width - 54 inches
Thickness - 1.0 mm
Weight - 28 oz/linear yard
- Sustainability**
PU and PVC free
Ultra low VOCs
Recyclable
RoHS 2.0, REACH 175, Prop 65 compliant
CAL 01350 compliant
Advanced solvent free technology
No toxic by-products
No formaldehyde, lead, PFC, antimony trioxide, or tris
No plasticizers, phthalates, heavy metals, or BPA
No harm to air or water
Odorless
- Colorfastness**
Light Fastness - AATCC16.3, 200h, Grade 4.5
Crocking - AATCC8, Wet & Dry, Class 5
Perspiration - AATCC15, Class 5
- Stain Resistance**

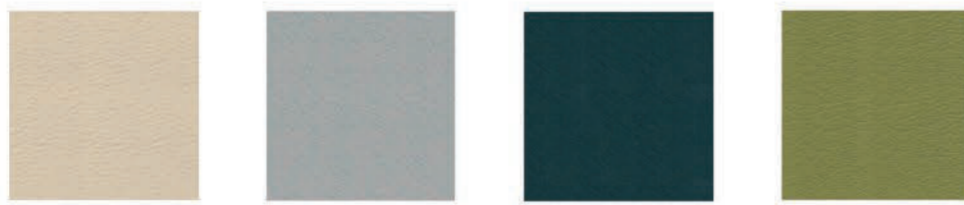
Ink	CFFA-141, Excellent
Ketchup/Mustard/Oil	CFFA-141, Excellent
Coffee	CFFA-141, Excellent
Suntan Lotion	CFFA-141, Excellent
Mascara	CFFA-141, Excellent
Denim	CFFA-141, Excellent
Crayons	CFFA-141, Excellent
- Physical Performance**
Wyzenbeek Abrasion, 200,000+ double rubs¹
Martindale Abrasion, 120,000+ cycles
UV stability - ASTM D4329-05(QUV), 1500+h
Flex resistance - ASTM D2097-91
Hydrolysis resistance - ASTM D3690-02, 14+weeks
Cold crack resistance - 5# roller, CFFA-06
Salt spray resistance - ASTM B117, 1000+h
Low-temp flex resistance - ISO17694, -30 °C 200,000+
¹Multiple factors affect fabric durability and appearance retention, including end-user application and proper maintenance. Wyzenbeek results above 100,000 double rubs have not been shown to be an indicator of increased lifespan.
- Inherent Flame Resistance**
CA TB117-2013
FMVSS #302
IMO 2010 FTP Code (Part 8)
NFPA 260 Class I
UFAC Class I
BS5852 #0, 1, 5 (crib)
EN 1021 Part I and II
ASTM E84 (adhered)
- Health Conscious Benefits**
Does not promote mold or mildew growth, ASTM G21
No anti-bacterial additives, biocides, or flame retardants
Biocompatibility passed
Healthier Hospitals Initiative (HHI) compliant materials
- Cleaning & Maintenance**
Cleaning code - W/S
Bleach cleanable - 10%
Use mild soap and water, or detergent for common stains



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Classic Smooth Collection



Classic Smooth -120 Snow	Classic Smooth -301 Cream	Classic Smooth -326 Morning Fog	Classic Smooth -318 Ocean	Classic Smooth -249 Pear
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Serenity Collection



Serenity-378 Cloud	Serenity-303 Sandstone	Serenity-323 Jazz
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Theory Collection

