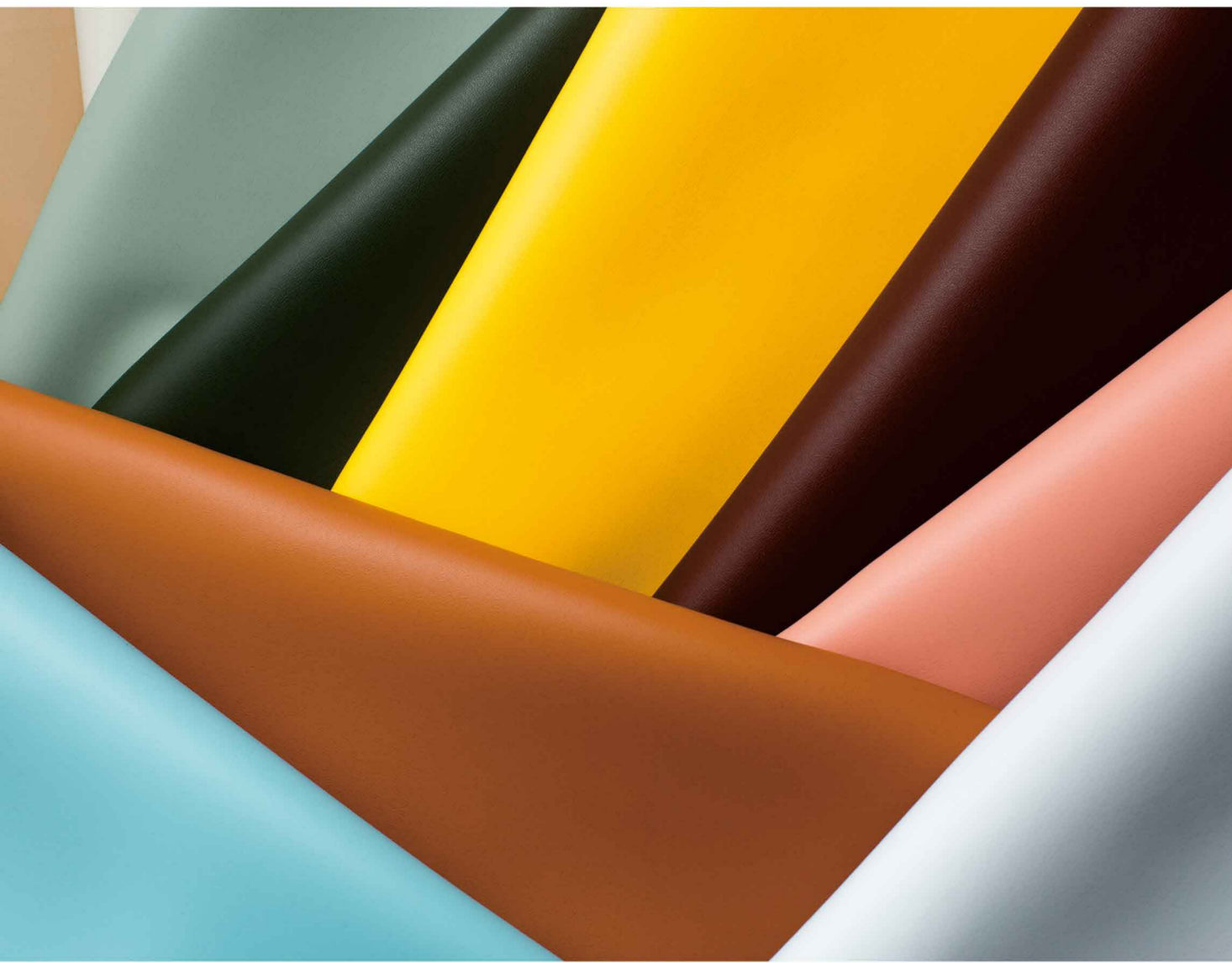




# Smooth Series

US Collection V.4



## Silicone Fabric

- Contract
- Hospitality
- Children
- Healthcare
- Electronics
- Transportation
- Apparel

## TECHNICAL DATA | Smooth Series

### Theory | Classic Smooth

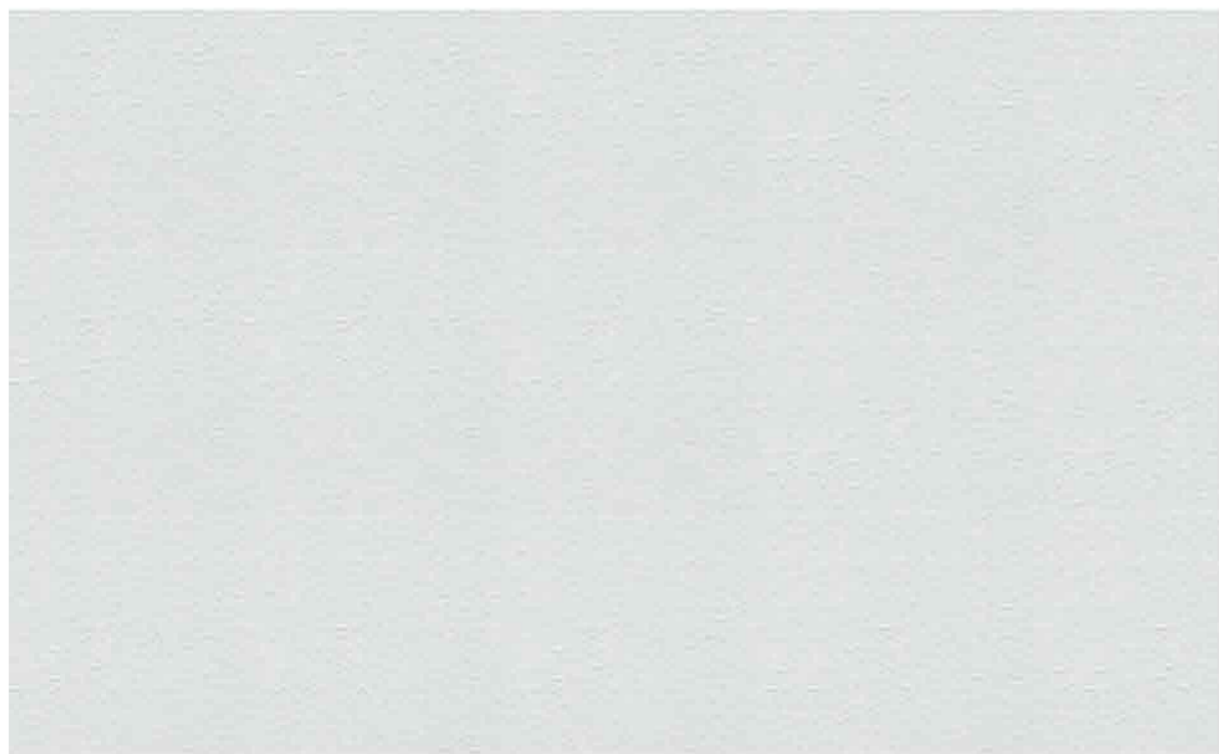
- APPLICATION**  
Upholstery and General Purpose
- MATERIAL COMPOSITION**  
Surface - 100% Silicone  
Backing - Polyester
- DIMENSIONS**  
Width - 54 inches  
Thickness - 1.0 mm  
Weight - 28 oz/linear yard  
Roll Size - 30 yards
- INHERENT FLAME RESISTANCE**  
Silicone is inherently flame resistant and does not contain flame retardants that can bring health concerns.  
CA TB117-2013  
FMVSS #302  
IMO 2010 FTP Code (Part 8)  
NFPA 260 Class I  
UFAC Class I  
BS 5852 (Crib 5)  
ASTM E84 (Adhered)  
EN 1021 (Part I and II)  
EN 45545  
B1-B
- ENVIRONMENTAL BENEFITS**  
PETA approved  
PU and PVC Free  
Ultra Low VOCs  
Recyclable  
RoHS 2.0, REACH 175  
CAL 01350 Compliant  
AB-1817 Compliant  
AB-2998 Compliant  
No Flame Retardant Additives  
Advanced Solvent Free Technology  
No Toxic by-Products  
No Formaldehyde, Lead, PFCs, Antimony Trioxide, or Tris  
No Plasticizers, Phthalates or BPA  
No Harm to Air or Water  
Odorless
- PHYSICAL PERFORMANCE**  
Wyzenbeek Abrasion, 200,000+ double rubs\*  
Martindale Abrasion, 120,000+ cycles  
UV Stability - ASTM D4329-05(QUV), 1500+ hours  
Hydrolysis Resistance - ASTM D3690-02, 14+ weeks  
Cold Crack Resistance - 5# roller, CFFA-06, -20°F (-30°C)  
Salt Spray Resistance - ASTM B117, 1000+ hours  
Low-temp Flex Resistance - ISO17694, -30°C, 200,000+  
Colorfastness to Light - AATCC-16.3, 200h, Grade 4.5  
Colorfastness to Crocking - AATCC-8, Wet & Dry, Class 5  
Colorfastness to Perspiration - AATCC-15, Class 5  
Flex Resistance - ASTM D2097-91  
Break Strength ASTM D751-19 Warp:231.6lbs, Fill: 233.8 lbs.  
Trap Tear ASTM D751-19 Warp:47.7lbs, Fill: 46.2 lbs.  
\*Abrasion test results exceeding ACT Performance Guidelines are not an indicator of product lifespan. Multiple factors affect fabric durability and appearance retention.
- HEALTH CONSCIOUS BENEFITS**  
No anti-bacterial additives, biocides, or flame retardants  
Hypo-allergenic, biocompatibility passed  
Healthier Hospitals Initiative (HHI) compliant materials
- CLEANING & MAINTENANCE**  
Cleaning Code - W/S  
Bleach Cleanable - 20%  
Isopropyl Alcohol - 70%  
Strong Stain Resistance  
-Mascara/Lipstick/Nail Polish Remover  
-Suntan Lotion/Moisturizer  
-Coffee/Wine/Orange Juice  
-Chocolate/Mustard/Cooking Oil  
-Blood/Urine/Betadine/Sweat/Stomach Acid  
-Crayon/Ink/Marker/Ballpoint Pen  
-Indigo Denim Transfer  
  
Do not use polishes or surface treatments on Sileather® materials.  
  
Common stains can be removed with mild soap and clean water. For stubborn stains, it is recommended to use isopropyl alcohol, diluted bleach (1:4 water) or approved professional cleaning agents. Clean within 24 hours. It is recommended that you clean and maintain your Sileather® products on a monthly basis.  
  
For healthcare grade disinfectant, please refer to our complete cleaning guide.  
  
Alcohol and alcohol-based cleaners are combustible. Please handle with care. Use only a small amount of detergent to avoid any source of ignition. Wear protective gloves and be sure to clean in a well-ventilated area. Please keep hydrocarbons, benzene solvents, and cyclosiloxane oligomers away from Sileather® fabrics. Sileather® can neither guarantee, nor take responsibility for specific results. Under no circumstances shall Sileather® be liable for any incidental, consequential, or other damage resulting from negligence, misuse, mishandling or exposure of any chemicals used in connection with maintenance. Users must read the product specifications and determine appropriateness for specific applications. All label instructions on their use and precautions should be followed.



Sileather® silicone fabrics qualify for these environmental and green building programs: LEED V4, BREEAM, ILFI Living Building Challenge, CA Section 01350, CHPS, US EPA-Federal Purchasing



www.sileather.com | marketing@sileather.com  
PO Box957221 Duluth, GA 30095



Theory-378 Cloud



Classic Smooth-301 Cream

Classic Smooth-120 Snow	Theory-378 Cloud	Classic Smooth-326 Morning Fog	Theory-305 Smoke	Theory-494 Fossil
Theory-443 Milk	Theory-300 Ivory	Classic Smooth-301 Cream	Theory-303 sandstone	Theory-438 Incense
Classic Smooth-306 Honey	Theory-434 Strawberry	Theory-226 Citrouille	Theory-312 Merlot	Theory-224 Pecan
Classic smooth-368 Peanut	Theory-483 Basil	Theory-448 Clover	Classic Smooth-249 Pear	Classic Smooth-318 Ocean
Theory-225 Sapphire	Theory-485 Carolina	Theory-1230 Dark Denim	Theory-1229 Regatta	Theory-230 Navy
Theory-484 Pigeon	Theory-482 Teal	Theory-439 Chocolate	Theory-493 Iron	Theory-324 Onyx

We can provide color-matched and customized products. Please contact your sales rep for details.