

TECHNICAL DATA

Healthier Hospitals Initiative(HHI) Compliant Materials



Application

Upholstery and General Purpose

Material Composition

Surface – 100% Silicone
Backing – Polyester

Dimensions

Width – 54 inches
Thickness 0.9-1.1mm

Sustainability

PU and PVC free
Ultra low VOCs
Recyclable
RoHS, REACH, Prop 65 compliant
CAL 01350 compliant
Advanced solvent free technology
No toxic by-products
No formaldehyde, No lead
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, Class 5 |
| Indigo Denim Transfer | CFFA-141, Class 5 |
| Cooking Oil | CFFA-141, Class 5 |
| Coffee/Chocolate | CFFA-141, Class 5 |
| Blood/Urine/Betadine | CFFA-141, Class 5 |
| Mustard/Wine | CFFA-141, Class 5 |
| Lipstick | CFFA-141, Class 5 |

Physical Performance

Wyzenbeek Abrasion, 250,000+ double rubs¹
Martindale Abrasion, 130,000+ 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°C200,000+

¹Multiple factors affect fabric durability and appearance retention, including end-user application and proper maintenance. Wyzenbeek results above 100,000double 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
No anti-bacterial additives, biocides, or flame retardants
MEM Elution (Cytotoxicity), ISO 10993-5 GLP* - Pass
Skin Irritation, ISO 10993-10 GLP* — Negligible irritant

*Test conducted in compliance with US FDA Good Laboratory Practice regulations set forth in 21 CFR Part 58

Cleaning & Maintenance

Cleaning code - W/S
Bleach cleanable - 1:4
Detergent cleanable - 1:70

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



SILICONE LEATHER

WORLDWIDE LEADER IN SILICONE TEXTILES



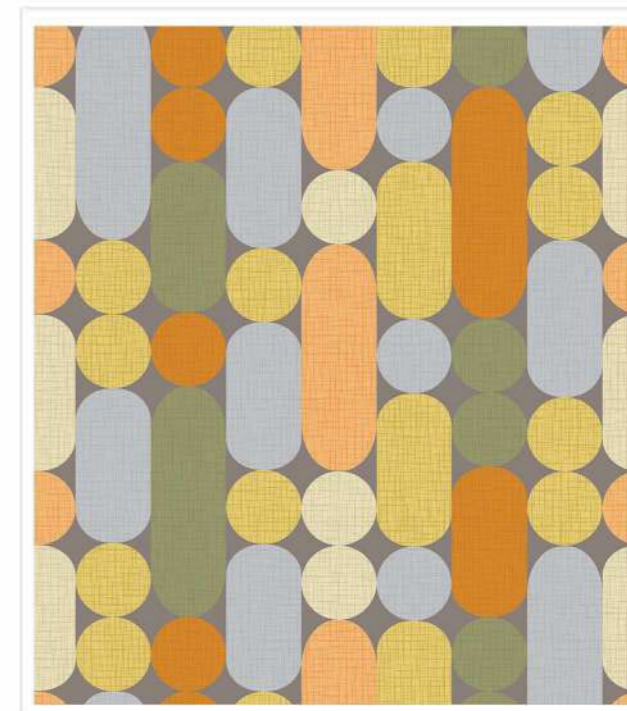
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Summer



Birch



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