



Sileather

High Performance Silicone Fabrics

www.sileatheruk.co.uk





Sileather™ — High Performance Silicone Fabrics

“Everything Essential, Nothing Extra”

As a new type of upholstery fabric, Sileather™ is proud to present its revolutionary silicone leather for hospitality. After years of development, we deliver to you a fabric that is engineered to give you everything you expect in indoor and outdoor hospitality settings. Sileather's™ silicone leather is easy to clean and highly durable, making it your best fabric choice in hospitality.



Durable and
Abrasion Resistant



Allergen Free



Bacteria And
Mildew Resistant



Easy to Clean



UV Resistant



Hydrolysis Resistant



Inherently
Flame Resistant



Weatherproof

Everything Essential

It's our mission to bring to you a performance fabric that's durable, easy to clean, and meets high standards that help to ensure its longevity and quality. Our performance silicone fabrics are INHERENTLY:

- Easy to clean and maintain
- Highly abrasion resistant and durable
- Flame resistant
- Bacteria and mildew resistant
- Superior in hydrolysis resistance compared to vinyl and polyurethane fabrics
- Superior in UV and color fading resistance
- Stain resistant to many substances found in hospitality applications including denim, red wine, sunscreen, lipstick, mustard, ink, and oil
- Resistant to liquids and fluids
- Skin friendly and allergen free
- Exceptional haptic texture



Sileather™ is a proud member of ACT. Refer to our healthcare fabrics for more performance details.



Nothing Extra

Our silicone leather is designed and engineered to address the growing need for performance fabrics that are tough enough to withstand high traffic, daily wear and tear, and outdoor weather conditions. No extra additives or chemicals needed to achieve these goals.

- No PVC or PU elements in our fabrics
- No formaldehyde, phthalates, plasticizers, heavy metals, PFCs, stabilizers, or bisphenol A (BPA)
- No flame retardant materials
- No anti-bacterial biocides added
- No toxic by-products released or emitted
- Recyclable, sustainable, and promotes healthy air quality with ultra-low VOCs
- Advanced solvent-free production technique



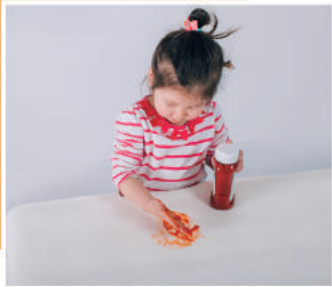
Design Advantages

Our silicone leather upholstery fabrics are designed to have a variety of textures and colors. Each of our collections features a unique set of textures to best meet the trends of a particular application. Many of our fabrics mimic the texture of genuine leather, but we have expanded out to include smooth and textured embossing. Sileather's™ design advantages include:

- Digital and silk screen printing techniques
- Various styles with different patterns, embossing, and textures
- Exceptional haptic touch
- Customizable colors
- Selections of solid color, two-toned color, and matte or gloss outlook
- Stretchiness of the fabrics include non-stretchy, two-way, and four-way directional backings

Cleaning and Maintenance

Thanks to the inherent advantages of Sileather™ fabrics, cleaning and maintenance is simple. Most common stains can be simply wiped clean with water. More stubborn stains can be cleaned with a bleach solution (20%) or any alcohol based cleaner (Formula 409, Fantastik, etc.).



Sileather™ fabrics are resistant to these common stains:



Ketchup	Denim	Chocolate Syrup
Mustard	Sunscreen	Soda
Wine	Coffee	Tomato Sauce
Ink	Tea	Soy Sauce
Juice	Permanent Marker	Makeup

TECHNICAL DATA

Product

Sileather Hospitality

Application

Upholstery

Material Composition

Surface - 100% Silicone

Backing - Polyester

Dimensions

Width - 54 inches

Thickness 0.9-1.1mm

Sustainability

PU and PVC free

Ultra low VOCs

CAL 01350 compliant

Recyclable

RoHS, REACH, Prop 65 compliant

Advanced solvent free technology

No toxic by-products

No formaldehyde

No plasticizers, phthalates, heavy metals, or BPA

No harm to air or water

Colorfastness

Light Fastness AATCC16.3,200h, Grade 5

Crocking AATCC8, class 5 wet&dry

Perspiration AATCC15, class 5

Stain Resistance

Ink CFFA-141, class 5

Permanent Marker CFFA-141, class 5

Coffee 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 ASTM D4157-13, 200,000+dbl rubs¹

Martindale Abrasion EN ISO 12947-2, 130000+

UV stability ASTM D4329-05, 300h or 1000+h

Flex resistance ASTM D2097-91

Hydrolysis resistance ASTM D3690-02, 10+weeks

Cold crack resistance 5# roller, CFFA-06

Salt spray resistance ASTM B117, 1000+h

Low-temp flex resistance ISO17694, -30 °C 200000+

Inherent Flame Resistance

CA TB117-2003

FMVSS #302

IMO A.652(16) Part 8

BS5852 #0, 1, 5 (crib)

DIN EN 1021 Part I & II

NFPA 260 Class I

UFAC Class I

Health Conscious Benefits

Inherently anti mildew,ASTM G-21

Skin friendly - allergen free

No anti-bacterial additives or biocides

Cleaning & Maintenance

Cleaning code, W/S



ACT® Registered Certification Marks*

¹ Multiple 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.



Eco-Friendly



Sustainable



Recyclable

Automotive
Cold Crack Resistant
Future Fabric
No Toxic By Products
Flame Resistant
RoHS
REACH
Aviation
Hospitality
No Formaldehyde
No Heavy Metals
Textiles
No BPA
Recreational
Odorless
Upholstery Fabric
California Prop 65 Compliant
Hydrolysis Resistant
Bacteria Resistant
PVC and PU Free
Stain Resistant
Sileather
Salt Spray Resistant
Healthcare
No Plasticizers
Silicone Leather
Eco Friendly
Weatherproof
Low Temperature Flex Resistant
No Phthalates
Aquatic
Contract
Outdoor
Easy To Clean
Children
Ultra Low VOCs
Allergen Free
Public Seating
Environmentally Friendly
Modern Fabric
Mildew Resistant
Skin Friendly

Please contact us for further information or samples
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