TECHNICAL DATA

APPLICATION

Automotive Seats and Interiors

MATERIAL COMPOSITION

Surface – 100% Silicone
Backing - Polyester

PHYSICAL PROPERTIES

Tensile Force at Break (5CM):	400N+
Tear Strength:	35N+
Elongation at Break:	60%+
Stretch:	40-60%
Set:	＜8%
Seam Fatigue:	＜1.6mm
Flex Resistance:	100000+
Low-temp Flex Resistance (-20℃):	30000+
Blocking:	Pass
Taber Abrasion(CS-10/1000g):	4000+
Wyzenbeek Abrasion:	150000+

FLAME RESISTANCE

GB8410	Pass
FMVSS302	Pass
TL1010	Pass
GMW3232	Pass

STAIN RESISTANCE

Sewing Machine Oil	Class 10
Petroleum Jelly	Class 10
Instant Coffee	Class 10
Ketchup	Class 10
Soy Sauce	Class 10
Cola	Class 10
Saline Solution	Class 10

EMPA Indigo Sulfur Black Denim:
Before Cleaning≥Class 4, After Cleaning≥Class 4

COLORFASTNESS

Rubbing Fastness ISO105-X12 Dry/wet/sweat:	Class 5
Colorfastness to Artificial Light ISO105-B06 (500h):	Class 4.5
Colorfastness to Burnt Gas ISO105-G02:	Class 5

VOLATILENESS

Odor GMW3205 Class 8
Fogging Properties ISO 6452 ＜1.0mg
Benzene/Toluene/Ethylbenzene/Acrolein/Styrene N.D.
Formaldehyde/Acetaldehyde (Trace Amounts)

SUSTAINABILITY

Solvent-free Production
No Bisphenol A, PVC and Plasticizers
Antibiotic and Anti-mildew Agent
No Flame Retardant
No PFC
RoHS 2.0
REACH
Prop 65 Compliant
CAL01350 Compliant

SAFETY

Tests for In Vitro Cyt ISO10993-5	Class 0
Tests for Irritation ISO10993-10	Class 0

CLEANING AND MAINTENANCE

Cleaning Code-W/S
Bleachable Cleaning-10%
Use Mild Soapy Water or Detergent for Common Stains

ACT® Registered Certification Marks*

PETA-APPROVED VEGAN

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

OEKO TEX® STANDARD 100 21.HCN.47154 Hohenstein HTTI www.oeko-tex.com

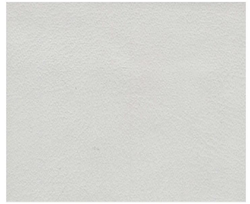
www.sileather.com

Sileather®

Silicone Leather

Guangzhou Xibo Chemical Technology Co., LTD
www.sileather.com

F302-EXP185A-1822U-6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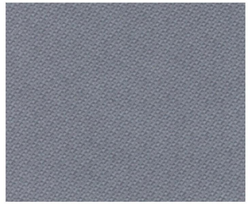
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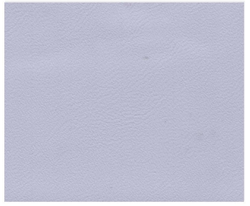
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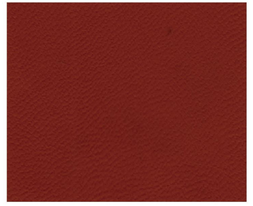
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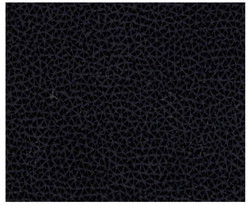
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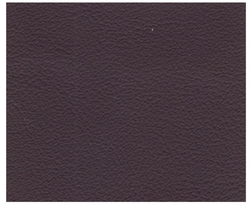
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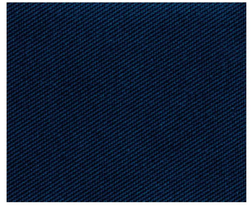
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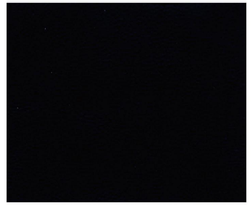
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Sileather®

Automotive Series