

# 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°C):	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



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

*Sileather®*

# Silicone Leather

*Automotive*

Guangzhou Xibo Chemical Technology Co., LTD

Siotech Group

[www.sileather.com](http://www.sileather.com)



F85-EXP254-1960U-6



D085-EXP360-1950U-6



G116-EXP254-1953U-6



F84-EXP254-1954U-6



G115-EXP254-1972U-6



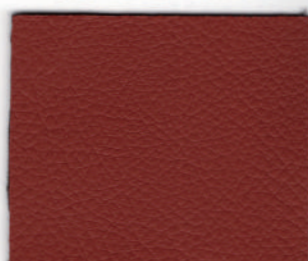
N22-EXP254-1955U-6



G305-EXP254-1952U-6



G215-EXP254-1956U-6



A03-EXP158A-1965U-6



A03-EXP185A-1951U-6



D026-EXP185A-1962U-6



N22-EXP158A-1961U-6



D085-EXP254-1958U-6



F84-EXP158A-1963U-6



G305-EXP158A-1964U-6



F85-EXP254-1957U-6



B296XH-EXP185A-1959U-6



D026-EXP254-1966U-6



G115-EXP158A-1973U-6



G215-EXP158A-1967U-6



B296XH-EXP362-1968U-6

Sileather®  
Automotive Series