

# Stain Guard Leather



***Silicone Fabric***

# TECHNICAL DATA

## 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 Wipes Leather 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 Wipes Leather 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 Wipes Leather. Wipes Leather can neither guarantee, nor take responsibility for specific results. Under no circumstances shall Wipes Leather 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



Wipes Leather 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

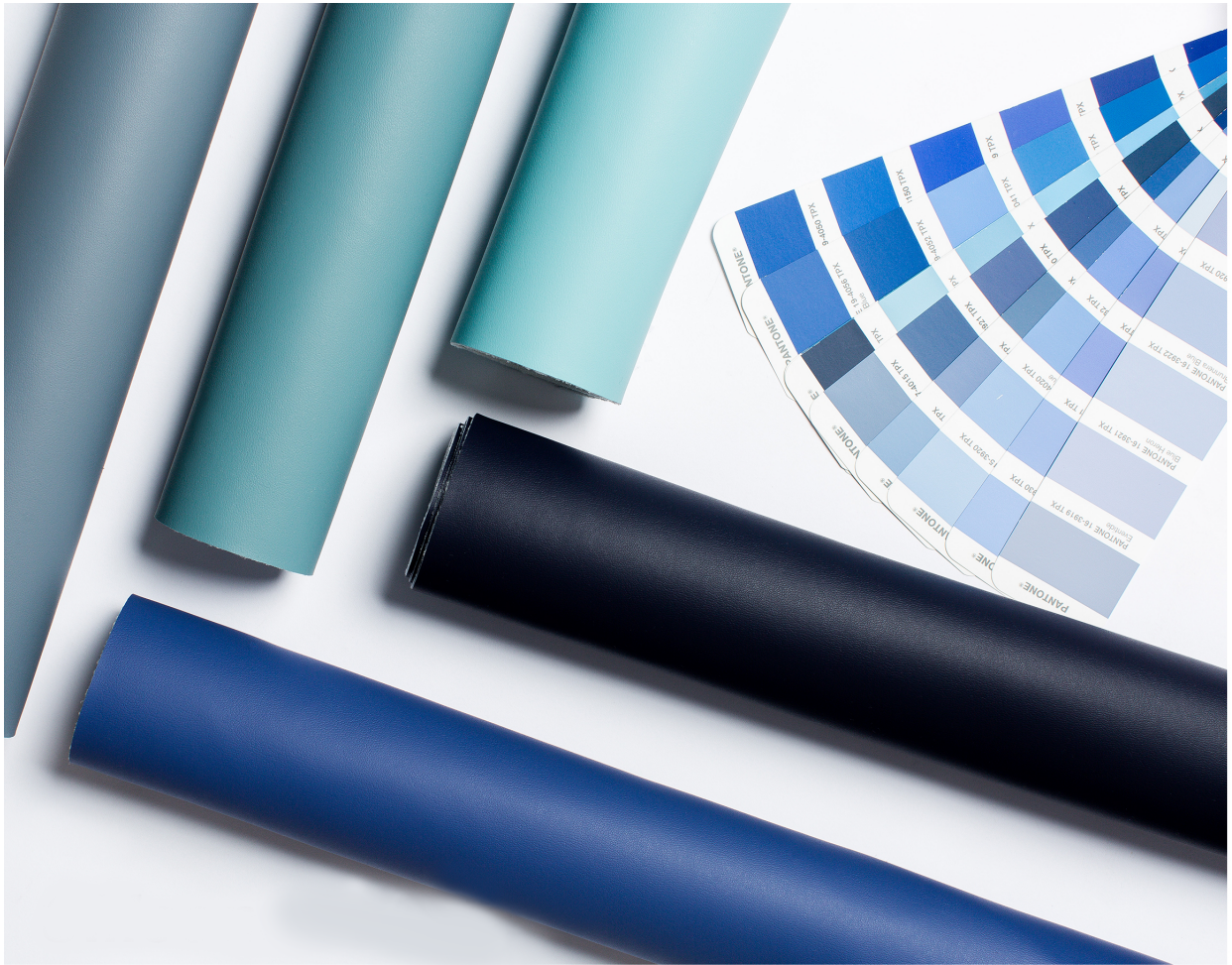


A PRACTICE GREENHEALTH PROGRAM

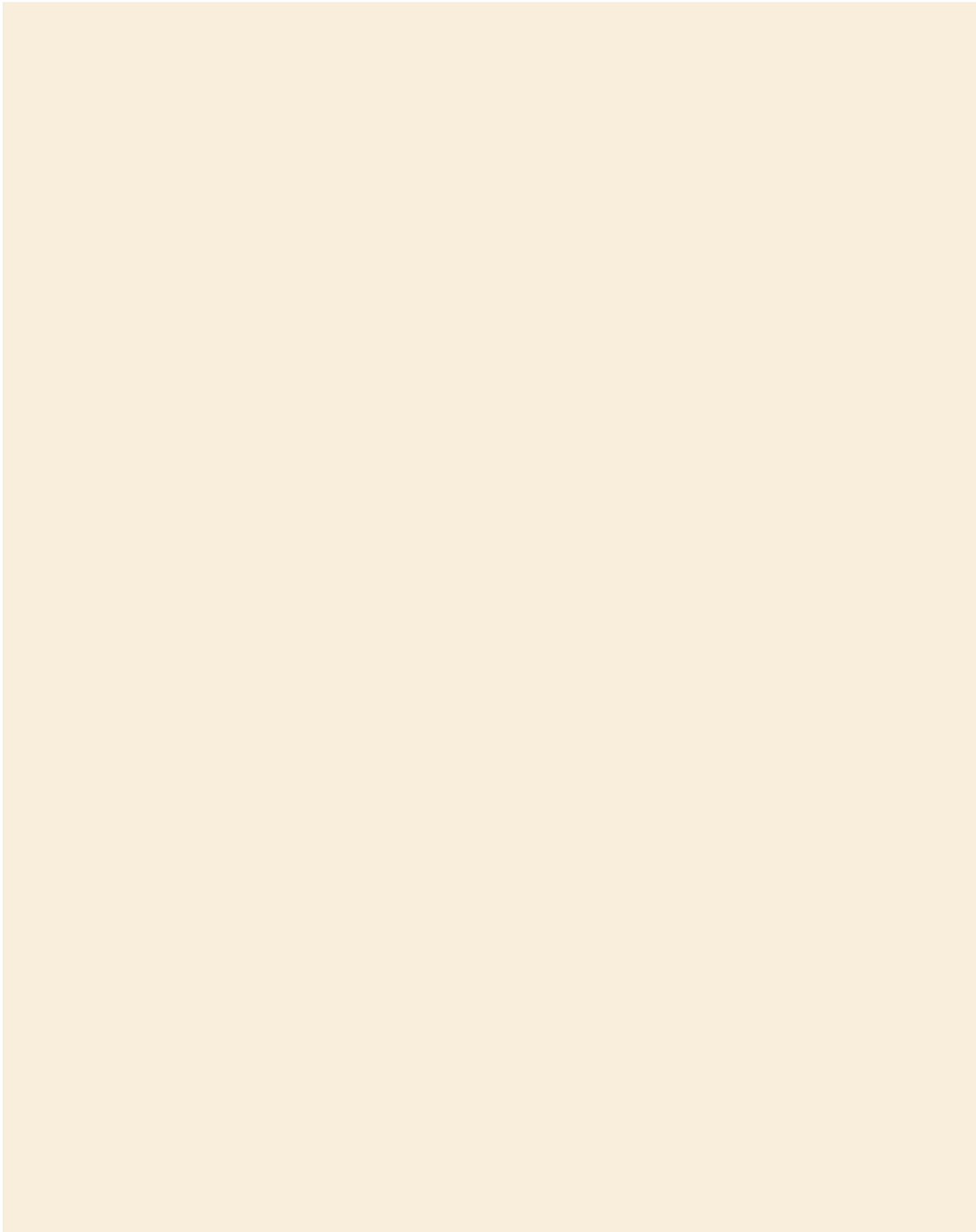


ACT® Registered Certification Marks\*



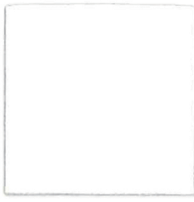


**Silicone Fabric**

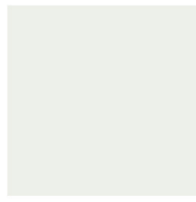


AM 436 Vanilla

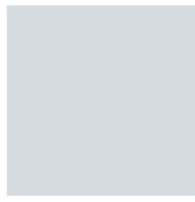
# AM Theory



AM 443 Milk



AM 435 Wool



AM 378 Cloud



AM 194 Lace



AM 367 Fog



AM 300 Ivory



AM 301 Cream



AM 437 Cashmere



AM 444 Dove



AM 305 Smoke



AM 303 Sandstone



AM 438 Incense



AM 441 Latte



AM 440 Walnut



AM 439 Chocolate



AM 447 Salmon



AM 434 Strawberry



AM 150 Fawn



AM 224 Pecan



AM 449 Raven



AM 445 Sage



AM 446 Pacific



AM 448 Clover



AM 433 Sunbeam

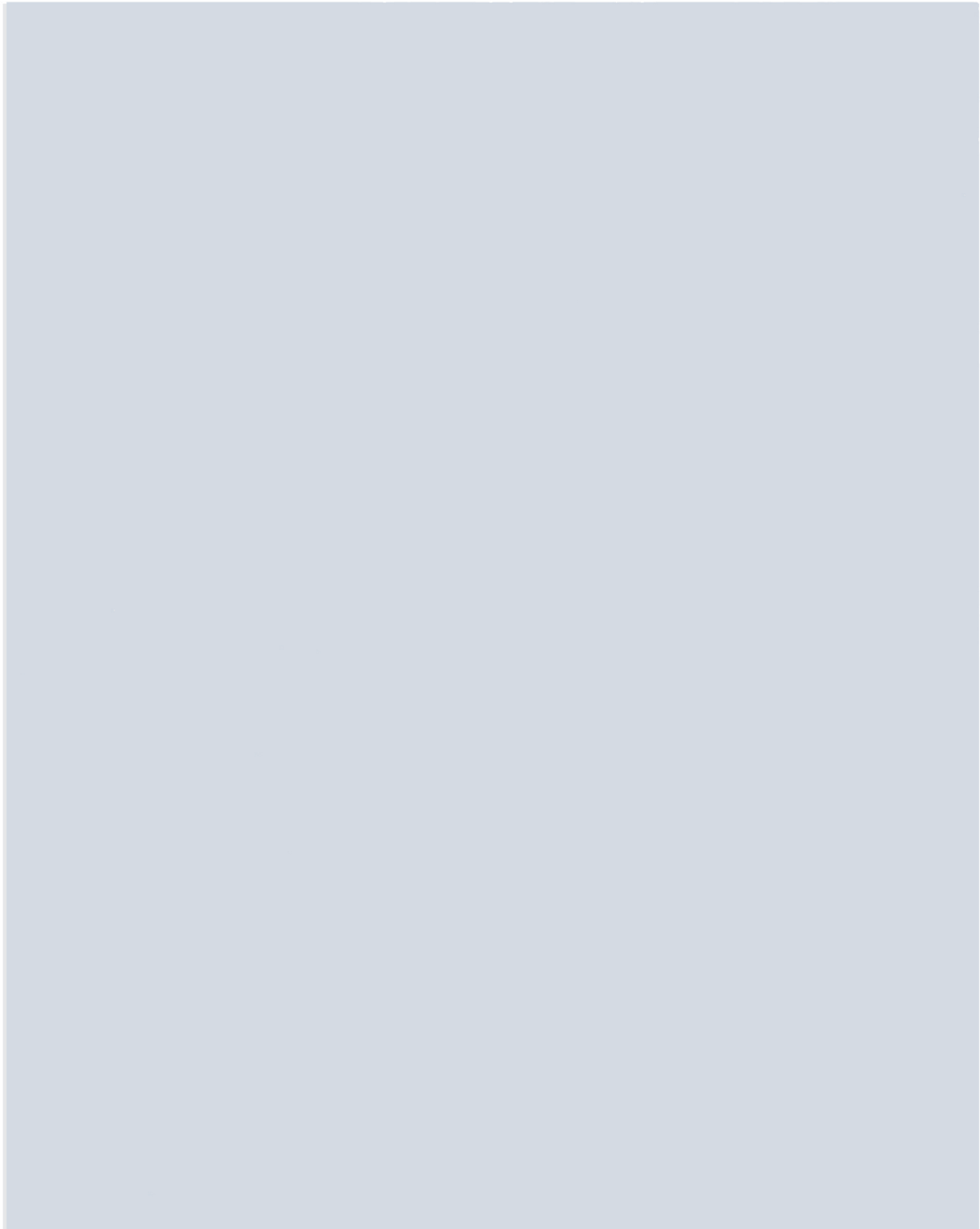


AM 442 Prussian



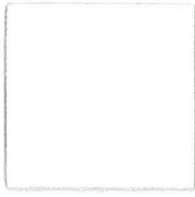
AM 324 Onyx





AM 378 Cloud

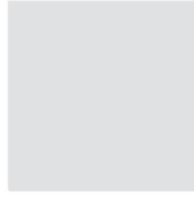
# AM Smooth



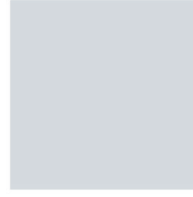
AM 120 Snow



AM 376 Pearl



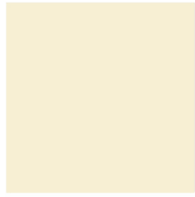
AM 377 Powder



AM 378 Cloud



AM 325 Salt



AM 300 Ivory



AM 451 Custard



AM 301 Cream



AM 438 Incense



AM 308 Caramel



AM 404 Rose



AM 394 Seagreen



AM 445 Sage



AM 510 Fern



AM 448 Clover



AM 370 Taffy



AM 393 Cyan



AM 306 Honey



AM 402 Spearmint



AM 434 Strawberry



AM 511 Lagoon



AM 513 Mist



AM 512 Bluejay



AM 225 Sapphire



AM 442 Prussian



AM 515 Anchor



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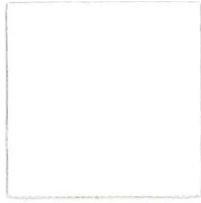
Wallcoverings . Fabrics . Acoustics . Floorings



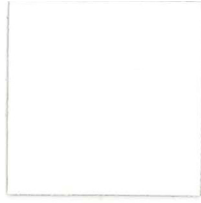
AM 301 Cream



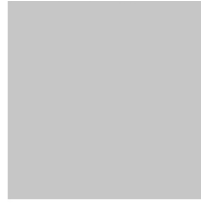
# AM Premier



AM 120 Snow



AM 376 Pearl



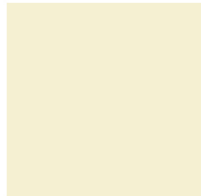
AM 304 Silver



AM 325 Salt



AM 305 Smoke



AM 300 Ivory



AM 301 Cream



AM 303 Sandstone



AM 367 Fog



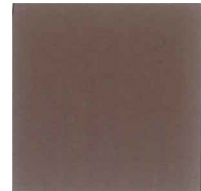
AM 368 Peanut



AM 106 Khaki



AM 308 Caramel



AM 313 Amber



AM 314 Stone



AM 316 Peacock



AM 371 Cedar



AM 373 Soot



AM 374 Hickory



AM 322 Midnight



AM 324 Onyx



AM 225 Sapphire



AM 306 Honey



AM 321 Pine



AM 309 Ruby



AM 119 Wine



AM 927 Vegas\*

\*Indicates this item has a metallic gloss appearance



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AM 857 Eggshell

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

# AM Mustang



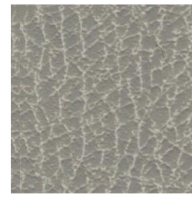
AM-874 Oyster



AM-857 Eggshell



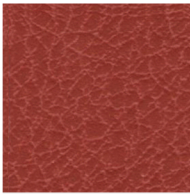
AM-863 Straw



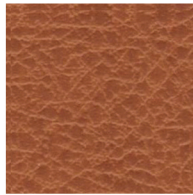
AM-835 Winter



AM-834 Earth



AM-839 Sunset



AM-851 Fox



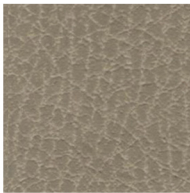
AM-848 Autumn



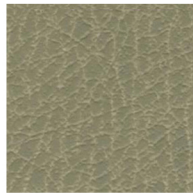
AM-840 Chestnut



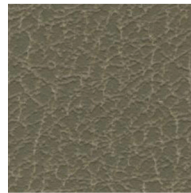
AM-852 Syrup



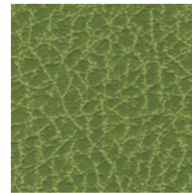
AM-865 Rome



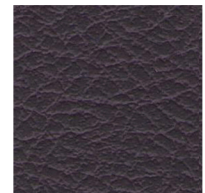
AM-860 Papyrus



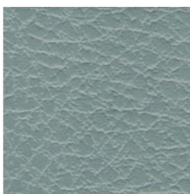
AM-868 Savannah



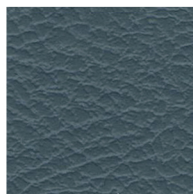
AM-858 Lime



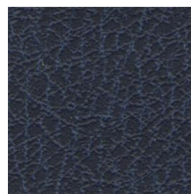
AM-872 Goblet



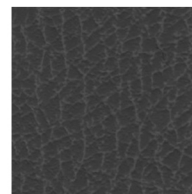
AM-831 London



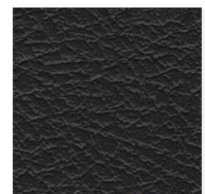
AM-854 Lighthouse



AM-870 Space

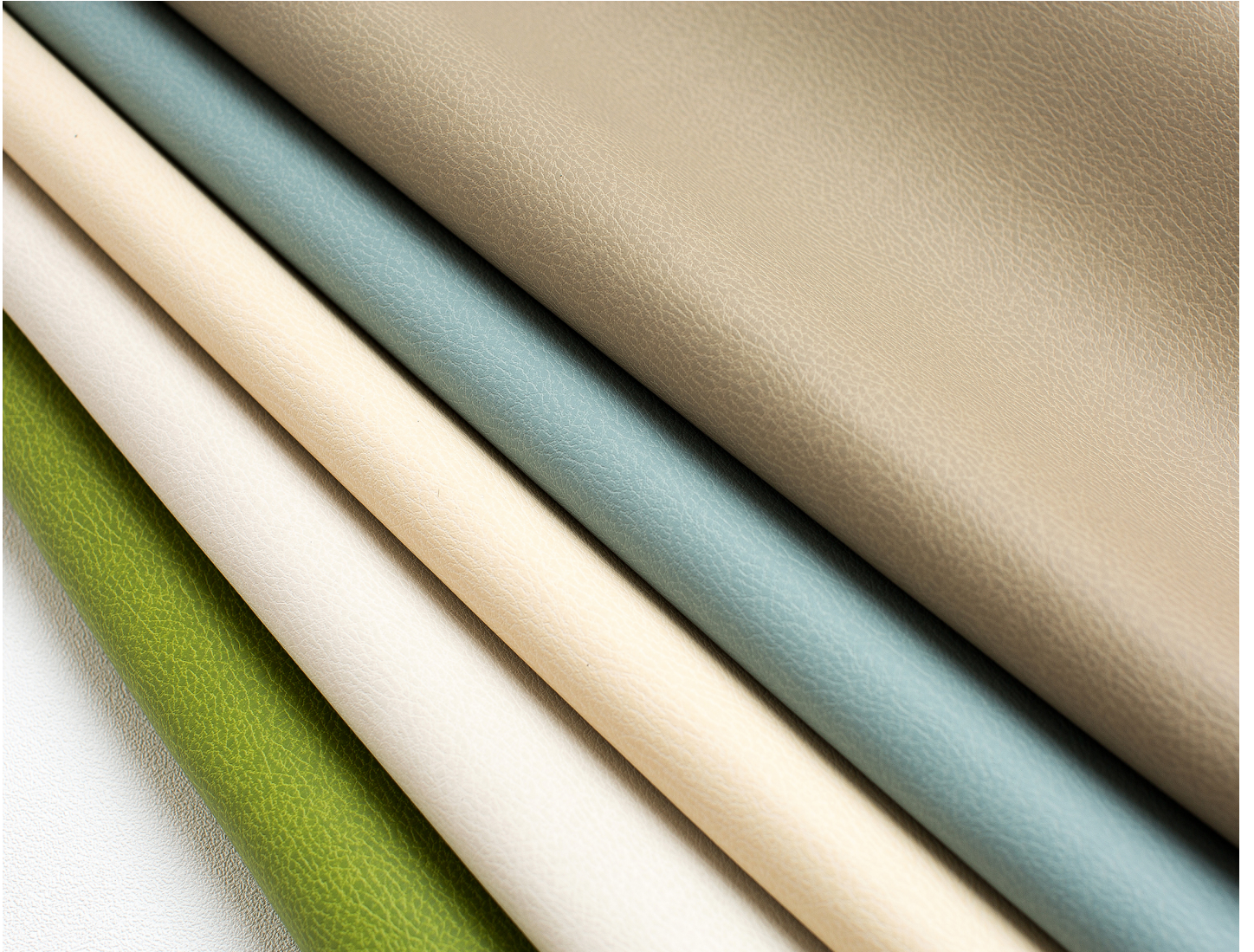


AM-493 Iron



AM-836 Crow

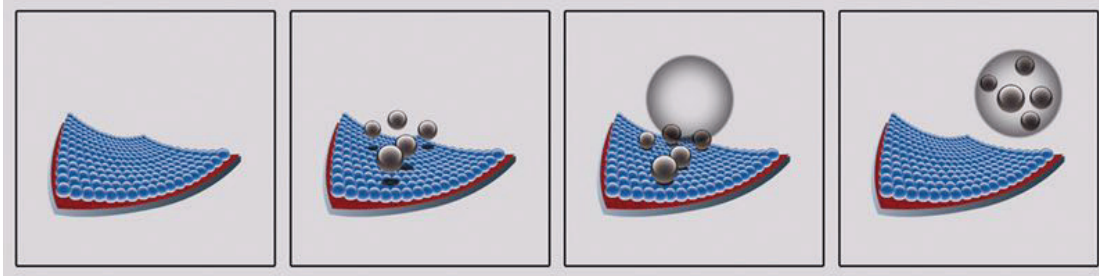




# Stain Guard Cleaning Guide

## Advanced Stain Resistant Molecular Structure

Stain Guard Leather is inherently stain resistant thanks to our proprietary Siotech® silicone formula. As shown in the graphic below, our 100% silicone coating has very low surface tension and small molecular gaps, which make stains unable to penetrate Sileather fabrics.



## General cleaning method

1. Use a soft cloth to remove as much of the stain as possible.
2. Apply clean or soapy water to the stain with a cloth or sponge, and gently wipe until the stain disappears.
3. Wipe with a clean damp cloth and let air dry. Residue left by cleaners may shorten the service life and affect the appearance of the product and should be removed as soon as possible.



## Professional cleaning method:

1. Remove the excessive stain with a clean cloth.
2. Take a damp cloth or sponge, wipe with moderate amounts of isopropyl alcohol solution/professional cleaning agents/diluted bleach solution (1:4 water). Wipe dry and repeat if necessary.
3. Wipe with a clean damp cloth and let air dry. Residue left by cleaners may shorten the service life and affect the appearance of the product and should be removed as soon as possible.

## Caution:

- Test any cleaning method or agent in a small, hidden, and inconspicuous area before use.
- Please use a clean, soft cloth (or sponge) that does not fade.
- Avoid the use of rough and scratchy cleaning tools.
- 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.
- Common stains can be removed with clean water. For lipstick, markers and other stubborn stains, it is recommended to use isopropyl alcohol and clean within 24 hours. It is recommended that you clean and maintain your Stain Guard Leather products on a monthly basis.
- Please keep hydrocarbons, benzene solvents, and cyclosiloxane oligomers away from Stain Guard Leather fabrics.

## Stain Resistance

Ink	CFFA-141 Excellent	Crayon	CFFA-141, Excellent
Indigo Denim Transfer	CFFA-141, Excellent	Cooking Oil	CFFA-141, Excellent
Coffee/Chocolate	CFFA-141, Excellent	Lipstick/Mascara	CFFA-141, Excellent
Mustard/Wine /Orange Juice	CFFA-141, Excellent	Blood/Urine/Betadine	CFFA-141, Excellent
Permanent Marker	CFFA-141, Excellent	Suntan Lotion	CFFA-141, Excellent



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