

? WHY CHOOSE SHIELD LEATHER

100% Pure Silicone Coated Faux Leather

- Innovative combination of superior leather textures and silicone technology.
- Versatile and suitable for various applications which require heavy duty protection and durability.

Allergen-free

- Chemical-free.
- Skin friendly and allergen free.
- Anti-bacterial, anti-microbial, anti-mildew ASTM G21.

Easy to clean

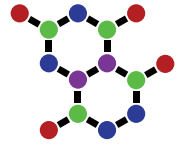
- Superior stain resistance to ink, coffee, wine, lipstick and betadine.
- Water-based cleaning solvents or mild detergent are suitable for quick cleaning.
- Bleach cleanable.

Eco-friendly

- Free of PVC, phthalates, solvent, DMF heavy metals or to other harmful materials.
- Complies with California 01350 VOC emissions standards and certified 'Gold' for indoor air quality by SCS Global Services.

Highly Durable

- Inherent Flame Resistance according to the National Protection Association and International Maritime.
- High abrasion resistance as tested by US (Wyzenbeek 200,000 double rubs) and British (Martindale 130,000 rubs) standards.
- Scratch Resistant.
- Colour Fastness.



Imitation is a form of flattery but can never perform as well as the original!

- To make cheap alternatives, these are usually only PU or PVC vinyl coated with small amount of Silicone as top coat.
- Such coated PU or PVC silicone vinyl does not remove the problem of PU (Peeling due to humidity and heat) and PVC (Cracking).
- The silicone coating acts only as a coating and the advantageous properties of Silicone will fade over time.

Use only 100% Silicone Vinyl for an assured durability!

TECHNICAL SPECIFICATIONS

Colourfastness

- Lightfastness: AATCC16.3, 200 hours, Grade 5
- Crocking: AATCC8, Class 5 - Wet & Dry

Dimensions

- Width: 54 inches
- Thickness: 0.9mm - 1.1mm

Material Composition

- Surface: 100% Pure Silicone
- Backing: 100% Polyester

Inherent Flame Resistance

- CA TB117-2003
- BS5852 #0, 1, 5 (crib)
- UFAC Class I
- FMVSS #302
- DIN EN 1021 Part I & II
- IMO A.652(16) Part 8
- NFPA 260 Class I

Physical Performance

- Wyzenbeek: ASTM D4157-13 - 200,000 Double Rubs
- Martindale: EN ISO 12947-2 - 130,000 Rubs
- UV Stability: ASTM D4329-05 - 300 hours or 1000 hours
- Hydrolysis Resistance: ASTM D3690-02 - 10+ weeks
- Cold Crack Resistance: 5# Roller, CFFA-06

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

5 years limited warranty