



Nautolex Silicone Marine Performance Upholstery
PuraSoft

OMNOVA's Nautolex PuraSoft, your answer for luxury and performance.



Nautolex PuraSoft - A New Advancement in Coated Fabrics

Nautolex PuraSoft is the newest innovation in the OMNOVA family of marine Coated Fabrics. With our strong technical background and innovation with product technology, we have taken today's silicone standard and improved its performance for outdoor applications! It is a completely new type of coated fabric made from 100% silicone with a 100% polyester double-knit backing (allowing better recovery and 4-way stretch for easier upholstery).

What is Silicone? Silicone is a durable alternative to conventional plastics that preserves our environment. From water to UV resistance, protecting against heat and fire, eco-friendly, silicone is changing the way you see and create high performance coated textiles.

The production process is very environmentally friendly with little to no VOC emissions and no air pollution. Nautolex PuraSoft offers a high level of performance combined with a supremely soft and leather-like hand and suppleness typically associated with luxury upholstered materials.

Performance

Nautolex PuraSoft exceeds the performance standards for commercial coated fabrics set by the Association of Contract Textiles (ACT) and Chemical Films and Fabrics (CFFA). Nautolex PuraSoft is also inherently stain resistant, chemical disinfectant resistant, mildew resistant, hydrolysis resistant, UV resistant, and denim dye resistant with superior cold crack performance. It delivers the highest Colorfastness to Light rating of any coated fabric on the market today.

Nautolex PuraSoft is a 100% silicone coated fabric that is naturally cleanable and features superior performance for abrasion, lightfastness, and cracking. Advanced performance is made possible by silicone technology.



Environmental Qualities

Nautolex PuraSoft does not contain heavy metals or Bisphenol A. The silicone does not contain any chemical additives, but passes most commercial flammability tests. Nautolex PuraSoft is compliant with the following environmental, green building, and material reporting standards:

REACH
RoHS 2.0

CA Section 01350 VOC Emissions
California Proposition 65

Care and Cleaning

Day-to-Day Cleaning — Remove ordinary dirt and smudges with mild dish soap and water. Rinse the surface with clean water and dry with a soft, lint-free cloth or towel.

Stain Removal — Nautolex PuraSoft fabric is resistant to most common stains. To keep upholstery looking new, stains such as ballpoint pen can be dry-erased with a clean, lint-free cloth. Gently rub the area until the stain has been removed. Wet or gooey stains such as food stains (e.g., ketchup, mustard or jelly) or topical stains (e.g., lotions and cream) wipe first with a clean cloth or sponge, and then follow the instructions above.

Stubborn Stains — If a ghost stain remains, apply a small amount of household rubbing alcohol (isopropyl alcohol) to a clean, lint-free cloth and rub the stain until it has been removed. Rinse with a clean, damp cloth and go!

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Nautolex Silicone Product Specifications

Technical	Values	Test Method
Surface Composition	100% Silicone	
Finished Width	54" min.	ASTM D 751-06
Weight at 54 inches	25.6 oz / yd ±10%	ASTM D 751-06
Thickness	0.047 in ±10%	ASTM D 751-06
Total Weight	17.3 oz / yd ² ±10%	ASTM D 751-06
Backing Composition	100% Polyester	ASTM D 751-06
Backing Weight	11.0 oz / yd ² ±10%	ASTM D 751-06
Roll Size	30 yards	

Performance	Values	Test Method
Grab Tensile	200 lbs/in 200 lbs / in min.	ASTM D 751-06
Trap Tear	30 lbs/in 30 lbs / in min.	ASTM D 751-06
Seam Strength	90 lbs/in 90 lbs / in min.	ASTM D 751-06
Adhesion	3 lbs/in 3 lbs / in min.	ASTM D 751-06
Stretch @ 15# (MDxCD)	14% x 25%	ASTM D 751-06
Flex Resistance	25,000 Cycles	ASTM D 2097: 2003
Blocking	No. 1 - Pass	FTMS 191A-TM5872
Crock Resistance	Dry-5; Wet-5	AATCC 8-2016
Wyzenbeek Abrasion	200,000 cycles, #10 cotton duck	CFFA-1a
QUV (Outdoor)	650 hours	CFFA-2c
Colorfastness to Water: Sea	Shade-5; Staining-5	AATCC 106-2013
Mildew Resistance	Pass	ASTM G-21
Blue Dye Transfer Resistance	Dry-4; Wet- 3-4	LP-463KC-04-03
Cold Crack (Roller Method)	-40° F	CFFA-6a

Flammability		
California Bulletin 117-2013, Section 1	Pass	
FMVSS #302	Pass	
IMO 210 Part 8, Sec. 3.1	Pass	
IMO 210 Part 8, Sec. 3.2	Pass	

For the latest updates, more information, or to find a sales representative, contact OMNOVA Solutions:
800-457-9900 • upholstery@omnova.com • www.omnova.com/product-types/coated-fabrics-upholstery



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