



**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.

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### 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!

PuraSoft



## 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 <sup>2</sup> ±10% | ASTM D 751-06 |
| Backing Composition | 100% Polyester                 | ASTM D 751-06 |
| Backing Weight      | 11.0 oz / yd <sup>2</sup> ±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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