

SILICONE SEALANT – MARINE GRADE PART NO. 143390

TYPICAL PROPERTIES

Uncured

Slump NIL
Tack-Free Time @ 77°F (25°C) and
50% RH 10-20 min

Cured – Physical

**7 Days @ 77°F (25°C) and 50% RH
(1/8" thickness)**

Color Clear
Elongation 415%
Durometer Shore A Hardness 23 points
Tensile Strength 325 psi
Movement Capacity ± 25%
Extrusion Rate 410 g/min.
Service Temperature -40°F to 400°F
Application Temperature -35°F to 140°F



DESCRIPTION

Dynatex® Silicone Sealant Marine Grade is a paste-like, one component material which cures to a tough, rubbery solid upon exposure to moisture in the air. Because it does not flow due to its own weight, this sealant can be applied overhead or on sidewall joints and surfaces without sagging, slumping or running off. It may be applied in sub-zero weather without loss of extrusion or physical property characteristics. Fully cured *Dynatex® Silicone Sealant Marine Grade* can be used for extended periods at temperatures up to 450°F (232°C), and for shorter periods as high as 500°F (260°C). Test have shown that even after two months at 450°F (232°C), or up to one week at 500°F (260°C), the sealant remains rubbery.

FEATURES

- Designed for use in marine applications
- Resists shrinkage
- Forms a waterproof and weatherproof seal
- Mildew resistant
- Non-yellowing
- Unaffected by sunlight, weathering, most chemicals and solvents

TYPICAL APPLICATIONS

- Sealing marine cabins, windows and more...
- Adhering auto and appliance trim, including metal, fabric and fabric-backed plastics
- Bonding gaskets in heating and refrigeration units
- Attaching screwless brackets or nameplates and tacking plastic materials to metal
- Sealing windows in oven doors and flues on gas appliances, flanged pipe joints, access doors
- Providing forming-in-place gaskets for gear boxes, compressors, pumps
- Bonding signs and sign letters
- Creating anti-abrasion coatings

Packaging

Colors: Clear

Size: 300ml Cartridge

LIMITATIONS

Dynatex® Silicone Sealant Marine Grade is not recommended for continuous water immersion, nor for floor joints where abrasion and physical abuse are encountered. It should not be applied to:

- Porous surfaces such as masonry
- Building materials that bleed oils or solvents, such as impregnated wood and certain partially vulcanized rubber gaskets, tapes or adhesives
- Totally confined spaces, because the sealant needs atmospheric moisture to cure

HOW TO USE

Dynatex® Silicone Sealant Marine Grade must always be applied to sound, clear, dry, frost-free surfaces.

Tooling is recommended and if possible, should be completed in one continuous stroke. Tool joints within 10 minutes of application. Remove masking tape before a surface skin has formed.

Bonding surfaces on both new and remedial jobs must be clean, dry and free of dirt, dust and soap film.

Use masking tape before applying sealant and remove immediately after a bead is completed and before a skin forms (7 to 15 minutes).

After applying the sealant and after a skin has formed, do not disturb the joint for 48 hours. A previously opened cartridge may be reused by removing the cured plug of sealant from the tip.

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), *Dynatex® Silicone Sealant Marine Grade* has a shelf life of 12 months from date of shipment.

In Countries where high heat and humidity are a factor, special precautions must be taken. Store product in a covered, well-ventilated warehouse and avoid excessive heat conditions. Storage in high heat, high humidity conditions may reduce shelf life by up to 30%. Rotation of stock is an absolute necessity. Cartons should always be stacked upright with the nozzle tip pointed upwards. DO NOT stack cartons on their side. **NEVER** stack cartons more than 8 high. DO NOT store within 1 meter (4 feet) of roofline of the warehouse or storage building.

USERS PLEASE READ

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