3M™ Marine Adhesive Sealant Solutions
For Boat Building and Repair

Come sun, wind or high water
3M™ OEM Polyurethane Glass Adhesive Sealant 590
- A fast-curing, one-component, high viscosity polyurethane sealant that forms a strong yet elastic, permanent bond
- Ideal for structural glass bonding, such as windshields and port windows
- Bonds to a wide variety of materials, including glass, acrylic, PMMA and polycarbonate
- 30-minute skin time, 3-hour handling strength

3M™ All Purpose Sealant Primer P591
- Promotes bonding and increases adhesion of polyurethane adhesive sealants
- Applied to a wide variety of materials—prior to application of adhesive sealants
The toughest sealants on the sea

Whether you’re bonding trim, toe rails, fittings or fiberglass deck components, or sealing thru-hulls, hatches, hinges, trunk joints or almost anything else on a marine vessel, 3M has an adhesive sealant that’s proven to the task. Our products have set the standard for marine excellence for more than 50 years, and they now include a new generation of advanced polyurethane and silane-modified polymers (SMPs) that further expand their range and effectiveness.

3M™ Marine Adhesive Sealants are specifically designed for the rigors of the marine environment, bonding or sealing everything from wood, metal and glass to gelcoat and most plastics—including fiber-reinforced plastic (FRP). Boaters have no better friend on the water.

**3M™ Marine Grade Silicone Sealant**
- A high quality silicone sealant designed specifically to withstand the rigors of harsh marine environments
- Forms a non-yellowing seal that remains flexible even after years of exposure
- Mildew resistant, non-sagging and moisture curing
- Adheres to bare and painted metal, fiberglass, glass, non-oily woods, and many plastics and abraded rubbers

**3M™ Marine Adhesive Sealant 3000 UV**
- A single-component, elastomeric sealant that cures without isocyanates
- Excellent cosmetic sealant; will not degrade when exposed to UV
- Low VOC, 50-minute skin time, paintable when wet
- Ideal for port hole and general cosmetic seam sealing

**3M™ Marine Adhesive Sealant**
**Fast Cure 4000 UV**
- A high performance, color-stable adhesive sealant that can be removed if rework or repair is necessary
- Flexibility helps dissipate stress caused by shock, vibration, swelling or shrinking
- Ideal for installing thru-hull fittings and deck hardware where a durable seal is required and where cosmetics are important, both above and below the waterline

**3M™ Marine Adhesive Sealant**
**Fast Cure 4200**
- Medium-strength adhesive allows for disassembly of parts after prolonged use
- Forms watertight, weather-resistant seals on hardware and in joints both above and below the waterline

**3M™ Marine Adhesive Sealant 5200**
- Fast-cure version of 3M™ Marine Adhesive Sealant 5200
- Tack free in 1 hour; completely cures within 24 hours
- Ideal for applications requiring a fast, long-term seal, above or below waterline:
  - hull to deck seams
  - wood to fiberglass
  - marine hardware
  - hull and stern joints

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- Excellent cosmetic sealant; will not degrade when exposed to UV
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- Ideal for port hole and general cosmetic seam sealing
Port hole window outside (Sealing)
- BEST: 4000 UV
- GOOD: 3000 UV

Port hole window inside (Bonding)
- BEST: 5200/5200 FC
- GOOD: 4200 FC

Stanchion
- BEST: 5200/5200 FC
- GOOD: 4200 FC

Transom
- BEST: 5200/5200 FC
- GOOD: 4200 FC

Electrical hatch assembly
- BEST: 4000 UV
- GOOD: Marine Silicone

Winch
- BEST: 5200/5200 FC
- GOOD: 4200 FC

Marine Silicone, 3000 UV, REMOVABLE
4000 UV, 4200 FC, REMOVABLE
5200, 5200 FC, 590 PERMANENT

LOW
MEDIUM
HIGH

590/P591
**Dashboard components**
- BEST: Marine Silicone

**Cleat**
- BEST: 5200/5200FC
- BEST: 4000 UV
- GOOD: 4200 FC

**Sealing screw holes**
- BEST: 5200/5200FC
- GOOD: 4200 FC

**Fiberglass hull**
- BEST: 5200/5200FC

**Port lights**
- BEST: 4000 UV
- GOOD: 3000 UV

**Rubrail attachment**
- BEST: 4000 UV
- GOOD: 4200 FC

**Marine Silicone**

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**BOAT AFLOAT**
## 3M™ Marine Adhesive Sealants

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Product</th>
<th>Tack-free Time (mins)</th>
<th>Shore A Hardness (ASTM C661)</th>
<th>Elongation at Break % (ASTM D412)</th>
<th>Tensile Strength PSI (ASTM D412)</th>
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<td>40-60</td>
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### ORDERING INFORMATION

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*PS91 primer to be used with 590

For more information visit 3M.com/marine or call 1-800-362-3550.

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