

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



Come sun,
wind or
high water



3M



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

- An exceptionally strong, high performance polyurethane
- Creates extremely strong bonds, above and below the waterline
- Maintains its flexibility, absorbing shocks, vibrations, swelling, shrinking and structural movements
- Tack free in 24-48 hours; cures in 5-7 days without shrinking
- Ideal for large surface-area applications requiring long open times



3M™ Marine Adhesive Sealant Fast Cure 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



KEEP YOUR

Electrical hatch assembly

BEST

GOOD

4000 UV

Marine Silicone

Winch

BEST

GOOD

5200/5200FC

4200 FC

4000 UV

Transom

BEST

GOOD

5200/5200FC

4200 FC

4000 UV

Stanchion

BEST

GOOD

5200/5200FC

4200 FC

Port hole window outside
(Sealing)

BEST

GOOD

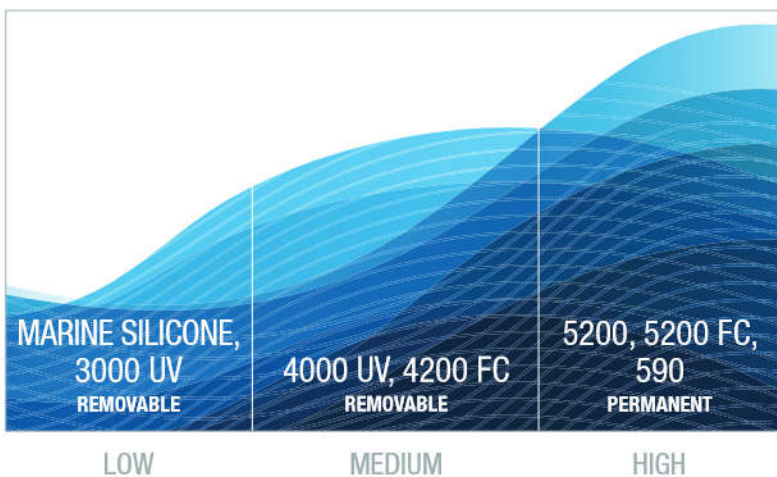
4000 UV

3000 UV

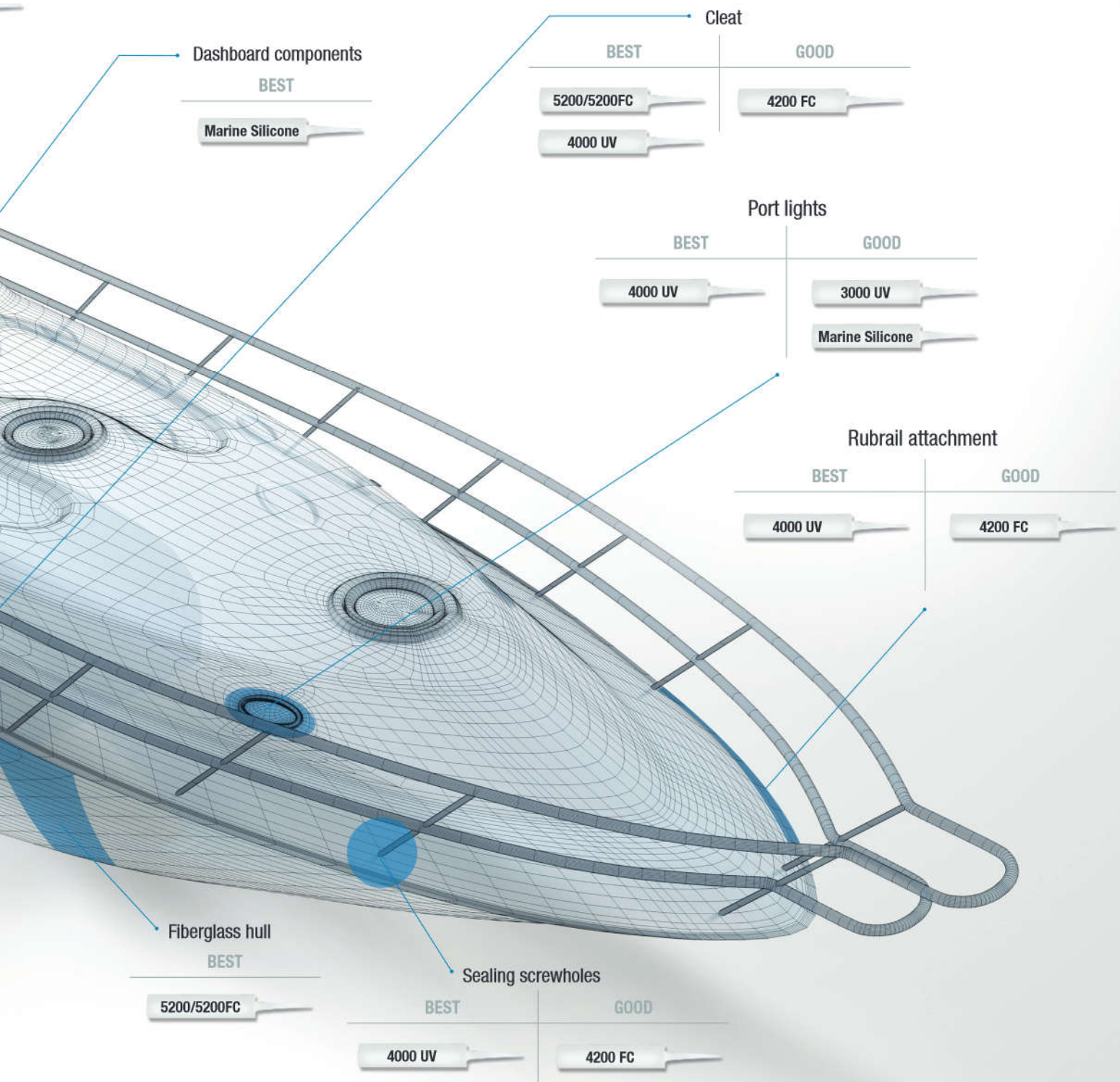
Port hole window inside
(Bonding)

BEST

590/P591



BOAT AFLOAT



3M™ Marine Adhesive Sealants

SPECIFICATIONS

Product	Tack-free Time (mins)	Shore A Hardness (ASTM C661)	Elongation at Break % (ASTM D412)	Tensile Strength PSI (ASTM D412)	Specific Gravity
3000 UV	40-60	30	>300	145	1.65
4000 UV	15-30	40	>700	500	1.40
4200 FC	50-90	40	>600	300	1.18
5200	>48 hours	68	>800	700	1.36
5200 FC	60-120	60	>900	600	1.30
Marine Silicone	5-10	20	>350	220	1.02
590*	25-40	60-65	>700	1450	1.20

ORDERING INFORMATION

Product	Part No.	Container Size	Color	Quantity/Case	Billing UPC
3000 UV	—	290 mL Cartridge	White	12	00-076308-98241-6
	—	290 mL Cartridge	Black	12	00-076308-98242-3
4000 UV	06586	400 mL Sausage Pack	White	12	00-051135-06586-0
	05508	600 mL Sausage Pack	White	12	00-051135-05508-3
	06580	10 oz. Cartridge	White	12	00-051135-06580-8
4200 FC	06564	10 oz. Cartridge	Black	12	00-051135-06564-8
	06560	10 oz. Cartridge	White	12	00-051135-06560-0
5200	06504	10 oz. Cartridge	Black	12	00-051135-06504-4
	06502	10 oz. Cartridge	Mahogany	12	00-051135-06502-0
	06501	10 oz. Cartridge	Tan	12	00-051135-06501-3
	06500	10 oz. Cartridge	White	12	00-051135-06500-6
5200 FC	06520	10 oz. Cartridge	White	12	00-051135-06520-4
Marine Silicone	08029	1/10 Gallon Cartridge	Clear	12	00-051135-08029-0
	08027	1/10 Gallon Cartridge	White	12	00-051135-08027-6
590*	—	310 mL Cartridge	Black	12	00-051135-05516-8
	—	600 mL Sausage Pack	Black	12	00-051135-05612-7
P591*	—	250 mL Bottle	Black	12	00-048011-62807-3

*P591 primer to be used with 590

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

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