

3M Marine Products

Boat Adhesive Sealant

Product	Description	Strength*	Tack-Free Time	Cure Time	Solution
 3M™ Marine Adhesive Sealant 5200	High performance, one-part polyurethane. Extremely strong and retains its strength above or below the waterline. Stays flexible.	High	48 hours	7 days	Watertight bonding/sealing of fiberglass, gelcoat and wood. Ideal for through-hull fastening, deck fittings, railings and transducers. Best when no removal is anticipated. 
 3M™ Marine Adhesive Sealant Fast Cure 5200	Faster curing version of 3M Marine Adhesive Sealant 5200. Extremely strong and retains its strength above or below the waterline. Stays flexible.	High	1 hour	24 hours	Watertight bonding/sealing of fiberglass, gelcoat and wood. Ideal for through-hull fastening, deck fittings, railings and transducers. Best when no removal is anticipated. 
 3M™ Marine Adhesive Sealant Fast Cure 4200	A one-part general all-purpose polyurethane that delivers strong, flexible bonds.	Medium	2 hours	24 hours	Bonds and seals fiberglass, gelcoat and wood. Ideal for rub-rails, stern-joints, deck and through-hull fittings, and access plates. Medium strength allows for disassembly. 
 3M™ Marine Adhesive Sealant Fast Cure 4000 UV	A one-part polyether formula that has superior UV resistance and cures to form a firm, rubbery, watertight seal. Remains flexible.	Medium	20 minutes	24 hours	Bonds and seals metal, gelcoat, fiberglass, wood and plastic. Ideal for deck hardware, hatches, portholes, transducers, railings and navigation lights. Great for visible bond lines. 
 3M™ Marine Sealant 101	A high-quality polysulfide sealant that cures to a firm, flexible rubbery seal with excellent waterproofing qualities.	Low	5 hours	2-3 weeks	Seals fiberglass, wood, metal, glass and plastic. Ideal for bedding hardware, moldings and hatches. 
 3M™ Marine Sealant Silicone	This high quality silicone is designed for the harsh marine environment. It forms a mildew-resistant, non-yellowing seal that remains flexible even after years of exposure.	Low	20 minutes	24 hours	Sealing applications on fiberglass, wood, metal, rubber and vinyl. Ideal for indoor applications and for sealing trim, hatches, drip rails and moldings. Makes an excellent gasket adhesive. 

*Bond when used on wood and fiberglass



Fast. Professional. Results.

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Adhesive Sealant Selection Chart

•• = Very Good, • = Good, NR = Not Recommended

Applications

	3M™ Marine Adhesive Sealant 5200	3M™ Marine Adhesive Sealant Fast Cure 5200	3M™ Marine Adhesive Sealant Fast Cure 4200	3M™ Marine Adhesive Sealant Fast Cure 4000UV	3M™ Marine Sealant 101	3M™ Marine Sealant Silicone
Wood to:						
Metal (Deck/Hull Hardware)	•	•	•	••	•	•
Wood (Wood Trim)	••	••	•	•	•	•
Thru-Hull Fastening (Wooden Boat)	••	••	•	•	•	NR
Glass (sealing only)	NR	NR	NR	•	•	•
Lexan™ Plastic	NR	NR	NR	•	NR	•
Plastic Hardware (ABS, Nylon)	•	•	••	••	••	•
Rub Rails	•	•	••	••	••	•
Fiberglass to:						
Metal (Deck/Hull Hardware)	•	•	•	••	•	•
Fiberglass	••	••	••	••	•	•
Thru-Hull Fastening (Fiberglass Boat)	••	••	•	•	•	NR
Glass (sealing only)	NR	NR	NR	•	•	•
Lexan™ Plastic	NR	NR	NR	•	NR	••
Plastic Hardware (ABS, Nylon)	•	•	••	•	••	•
Rub Rails	•	•	••	••	••	•
Glass (sealing only) to:						
Metal (Windshields)	NR	NR	NR	•	•	•
Vinyl	NR	NR	NR	•	NR	•
Other:						
Deck to Hull Joints	••	••	•	•	NR	NR
Attributes:						
Sandable (Y=Yes, N=No)	Y	Y	Y	Y	Y	N
Chemical Resistant (Y=Yes, N=No)	N	N	N	N	Y	Y
Cure Rate (F=Fast, S=Slow)	S	F	F	F	S	F
Available Colors	White, Black, Mahogany, Tan	White	White, Black	White	White	Clear, White
Discoloration Resistance	•	•	•	••	•	••

Coverage Charts for Adhesive Sealant Products

Given the desired diameter of a bead or the dimensions of a seam, the coverage obtained from a cartridge can be looked up in the following charts. Note that the values are calculated for “no waste.” The actual coverage will be based on application technique and overfill.

Bead Diameter (inch)	Length of Bead (lineal feet)		
	fractional	decimal	for 10 fl. oz.
1/8	0.125	126.2	37.8
1/4	0.250	31.6	9.4
3/8	0.375	14.0	4.2
1/2	0.500	7.9	2.3

To find out more about these and other great 3M™ Marine Products, please call **1-877-366-2746**, or visit www.3M.com/marine.

Area Coverage

Should it be necessary to cover an area with the adhesive sealant, the material should be dispensed from the container and spread with a trowel. Most trowels for spreading adhesives will have a notched edge to facilitate control of the thickness being applied. When the notch depth is known or can be measured, the coverage area can be determined from the following tables. Should it be necessary to apply a solid layer of a specific thickness, take the value given in the following table and divide the area by two.

Package Size	Square Foot Coverage			
	Notch Depth (inch)			
	1/16	1/8	3/16	1/4
1 oz. tube	0.4	0.2	0.1	0.1
3 oz. tube	1.2	0.6	0.4	0.3
10 oz. cartridge	4.0	2.0	1.3	1.0
5 Gallon Pail	256	128	86	64

Sq. Ft. respectively



Marine and Specialty Vehicle Department

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www.3M.com/marine
or call Toll-Free 1-877-366-2746



Minimum 10% Post-Consumer Fiber

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