

3M™ Adhesive Sealants



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Marine sealants

Product	Description	Tensile Strength psi (MPa)	Stress at 100% Strain psi (MPa)	Elongation (%)	Skin Time (min)	Hardness (Shore A)	Color (Dry)	Application Method	Typical Handling Strength	Cure Rate (mm/24 hr)	Service Temp. Range °F (°C)
3M™ Polyurethane Adhesive Sealants (UV stable, Paintable once skin forms, Multi-purpose)											
5200	Industry standard for over 50 years. Permanent bonding of gelcoat, fiberglass. Long working time. Bonds/seals above and below waterline.	650 (4.5)	450 (3.1)	>230	>48 hr	70	White, Black, Tan, Mahogany	Bead	>48 hr	<1	-40 to 190 (-40 to 88)
5200 FC	Fast cure version of 5200. Up to 1 hr open time. Permanent bonding. Bonds/seals above and below waterline.	600 (4.1)	200 (1.4)	>350	60–120	60	White	Bead	48 hr	3	-40 to 190 (-40 to 88)
4200 FC	Medium strength bonding and water tight sealing; can be removed after prolonged use. Bonds/seals above and below waterline.	220 (1.5)	180 (1.2)	>275	50–90	40	White, Black	Bead	24 hr	3	-40 to 194 (-40 to 90)
3M™ Silane Modified Polymer (SMP) Adhesive Sealants (Excellent UV performance, Can be painted immediately, Isocyanate-free)											
4000 UV	High performance, medium strength bonding and water tight sealing; excellent UV resistance. Bonds/seals above and below waterline.	450 (3.1)	210 (1.4)	>300	15–30	40	White, Black	Bead	24 hr	3.5	-40 to 194 (-40 to 90)
3000 UV	Cosmetic sealing; excellent UV resistance, low VOC. Removable. Bonds/seals above and below waterline.	180 (1.2)	168 (1.2)	170	40–60	30	White, Gray, Black	Bead	24 hr	3.5	-40 to 194 (-40 to 90)
3M™ Silicone Adhesive Sealants (Excellent UV performance, Clear/White Marine Silicone)											
Marine Silicone	High quality, marine grade, non-yellowing silicone. Mildew resistant, non-sagging. Removable. Bonds/seals above waterline.	220 (1.5)	65 (0.5)	>350	5–10	20	White, Clear	Bead	N/A	3	-40 to 190 (-40 to 88)

Product	Description	Color	Viscosity	VOC g/L	
3M™ Primers and Adhesion Promoters					
P591	All purpose primer	Black	Low	613	Polyurethane
P592	Metal primer	Clear	Low	790	Silane
AP596	Adhesion promoter cleaner	Clear	Low	798	Silane

Description	310	400 A-2K	400M	600M	600A	34A	643B
3M™ Applicators							
Type	Manual	Pneumatic	Manual	Manual	Pneumatic	Pneumatic	Battery-operated
310mL Cartridges	■		■	■		■	■
350mL Sausage Packs		■	■	■	■	■	■
400mL Sausage Packs			■	■	■	■	■
600mL Sausage Packs				■	■		■