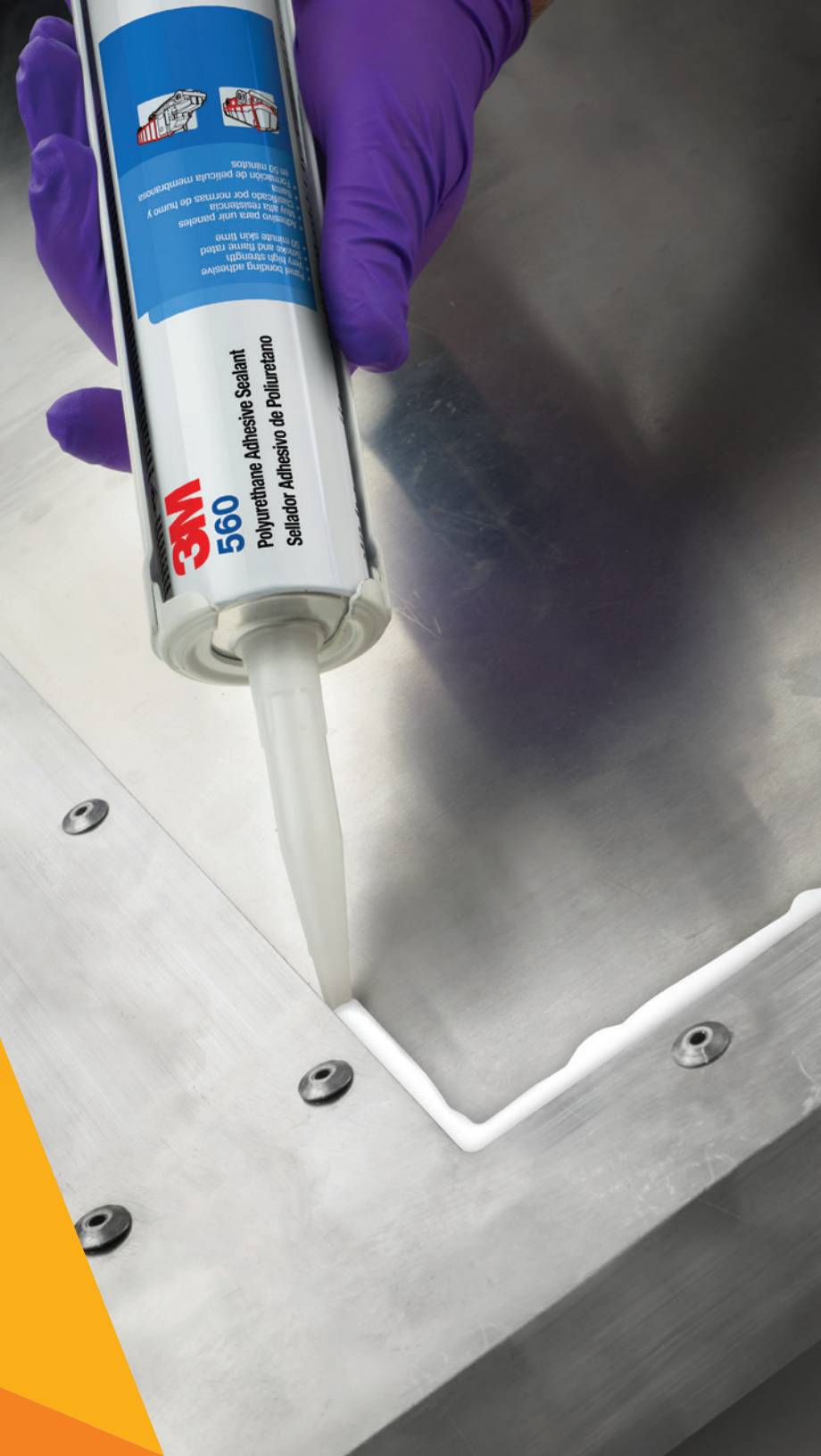


3M Science.
Applied to Life.™

**Strong,
durable bonds
that flex and seal.**

3M™ Adhesive Sealants



The economical choice for high strength, long lasting elastomeric bonding and sealing.

3M Adhesive Sealants are suitable for bonding and sealing a wide variety of substrates including: glass, wood, composites and plastics.



Gap Filling Bonds



Strength



Durability
for long term performance



Flexibility
to allow joint movement



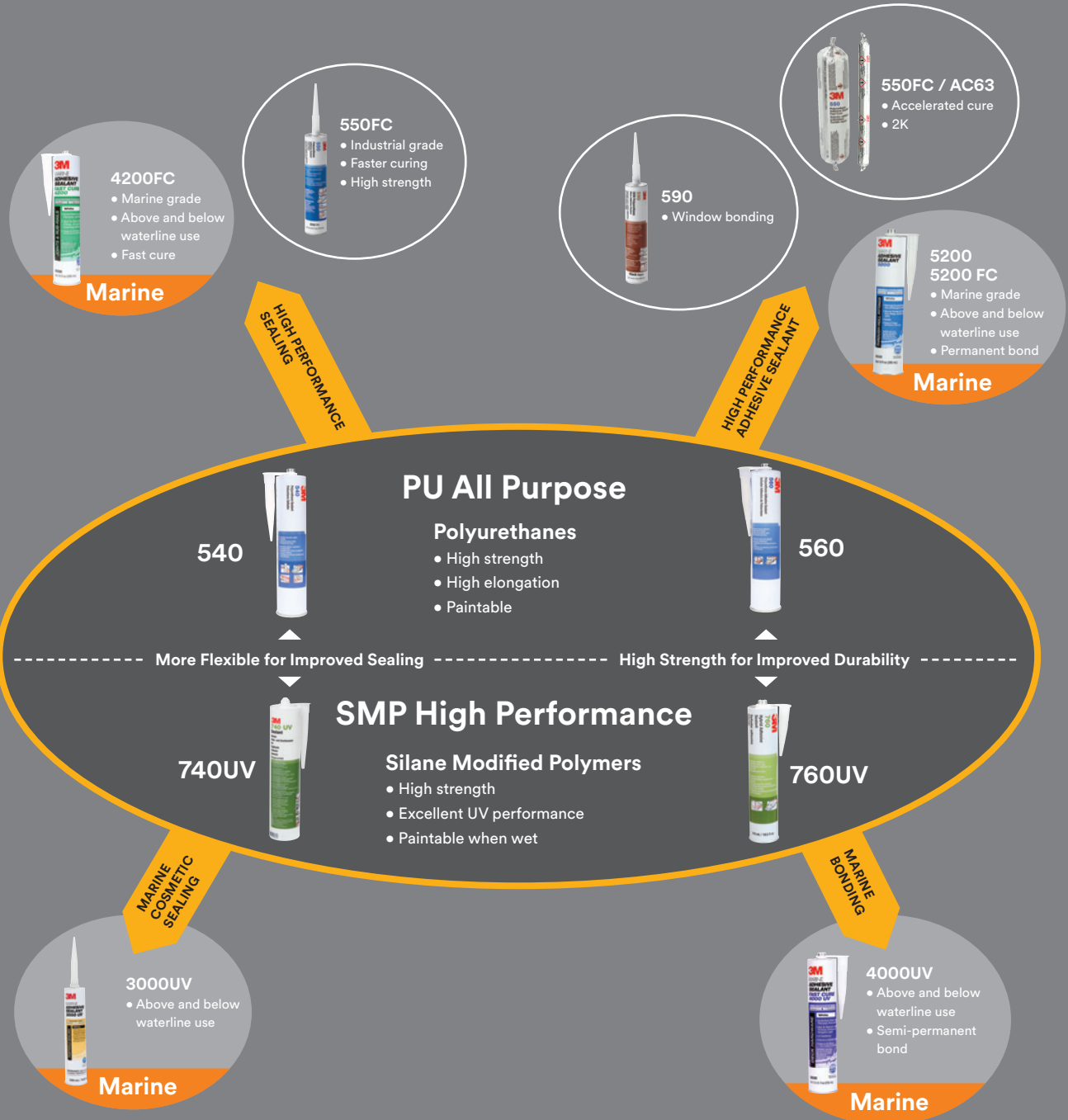
Excellent Value
low cost, durable bonding



Sealing

Durable, flexible bonding and sealing.

Find the right adhesive sealant for your job.



Proven performance in demanding applications.



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)
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3M™ Polyurethane Adhesive Sealants

- UV stable
- Paintable once skin forms
- Multi-purpose

525	All-around sealing; very flexible, excellent for concrete.	300	2.1	75	0.5	>800	90–150	25	Gray	Bead	n/a	3	-22 to 176 (-30 to 80)
540	Multi-purpose sealing.	350	2.4	90	0.6	>700	60–90	40	White, Gray, Black	Bead	24 hr.	3	-40 to 194 (-40 to 90)
550FC	Multi-purpose adhesive sealant.	375	2.6	150	1.0	>500	50–90	45	White, Gray, Black	Bead	24 hr.	4	-40 to 194 (-40 to 90)
550FC + AC63	Two component system for accelerated cure of 550.	275	1.9	125	0.9	>500	20	45	White, Gray, Black	Bead	20 min. full cure	20 min	-40 to 194 (-40 to 90)
551	Properties similar to 550FC with longer open time.	450	3.1	200	1.4	>600	120–180	45	White	Bead	24 hr.	4	-40 to 194 (-40 to 90)
560	High strength adhesive sealant.	380	2.6	200	1.4	>300	50–60	55	White, Gray, Black	Bead	24 hr.	4	-40 to 194 (-40 to 90)
560 + AC63	Two component system for accelerated cure of 560.	350	2.4	140	0.9	>500	40	50	White, Gray, Black	Bead	3 hr.	<24 hr. full cure	-40 to 194 (-40 to 90)
590	Structural glass bonding; approved for windshield replacement.	1170	8.3	475	3.4	400	25–40	65	Black	Bead	3-hr. drive-away time (FMVSS 212)	3.5	-40 to 194 (-40 to 90)



3M™ Silane Modified Polymer (SMP) Adhesive Sealants

- Excellent UV performance
- Can be painted immediately
- Isocyanate-free

730UV	Clear, cosmetic sealing with excellent UV resistance.	300	2.1	120	0.8	>200	25–30	30	Clear	Bead	24 hr.	3.5	-40 to 194 (-40 to 90)
740UV	Multi-purpose sealing; excellent UV resistance, low VOC.	180	1.2	168	1.2	130	40–60	30	White, Gray, Black	Bead	24 hr.	3.5	-40 to 194 (-40 to 90)
760UV	Multi-purpose bonding; excellent UV resistance, low VOC.	440	3.0	280	1.9	180	10–30	55	White, Gray, Black	Bead	24 hr.	3.5	-40 to 212 (-40 to 100)



3M™ Marine Adhesive Sealants

- Can be used above or below waterline

5200	Polyurethane. 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)
5200FC	Polyurethane. 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)
4200FC	Polyurethane. 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)
4000UV	SMP. 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)
3000UV	SMP. Cosmetic sealing; excellent UV resistance, low VOC. Removable. Bonds/seals above and below waterline.	180	1.2	170	1.2	130	40–60	30	White, Gray, Black	Bead	24 hr.	3.5	-40 to 194 (-40 to 90)
Marine Silicone	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)



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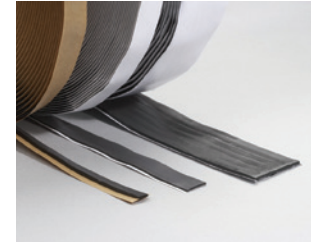
Product	Description	Tensile Strength (psi / MPa)		Stress at 100% Strain (psi / MPa)		Elongation (%)	Skin Time (min)	Hardness (Shore A)	Color (Dry)	Application Method	Typical Handling Strength	Cure Rate (mm/24 hr.)	Service Temp. Range °F (°C)
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3M™ Weatherban™ Sealants

5354	High tack butyl tape for sealing; easy to compress, resists cold flow.	n/a	n/a	n/a	n/a	n/a	n/a	60	Black	Tape	n/a	n/a	n/a
PF5422	Thread reinforced butyl tape. Respositionable without clean up. Weather resistant.	125	0.9	25	0.2	400	30	n/a	Black	Tape	n/a	n/a	n/a
PF5423	Non-reinforced, thinner version of PF5422.	20	0.2	20	0.2	2700	30	n/a	Black	Tape	n/a	n/a	n/a

3M™ Specialty Sealant and Adhesive Products

320	Fast drying, UV, corrosion resistant coating. Easy application with spray equipment.	420	2.9	n/a	n/a	250	60	n/a	White	Spray	24 hr.	n/a	-15 to 194 (-25 to 90)
800	Solvent-based rubber dries to flexible seal. Solvent resistant. Metal bonding, dries to flexible seal.	100	0.7	70	0.5	1200	10	n/a	Red-Brown	Bead	24 hr.	0.8	-65 to 200 (-54 to 93)
606	Weatherban™ Acrylic Sealant; Multipurpose indoor and outdoor sealing.	260	1.8	153	1.0	146	30	60	White	Bead	n/a	1.5	-28 to 180 (-33 to 82)
2084	Scotch-Seal™ solvent-based rubber industrial sealant. Metal sealant; aluminum color. Oil and fuel resistant.	700	4.8	475	3.3	800	5	30	Aluminum	Bead	24 hr.	0.7	-65 to 200 (-54 to 93)
5010	Moisture-curing polyurethane. Excellent wood bonder.	275	1.9	n/a	n/a	n/a	3-5	n/a	Cream	Bead	24 hr.	n/a	-22 to 212 (-30 to 100)



3M™ Primers and Adhesion Promoters

Product Number	Description	Color	Viscosity	VOC g/L	
P591	All purpose primer	Black	Low	613	Polyurethane
P592	Metal primer	Clear	Low	790	Silane
AP596	Adhesion promoter cleaner	Clear	Low	798	Silane

3M™ Applicators

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

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