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
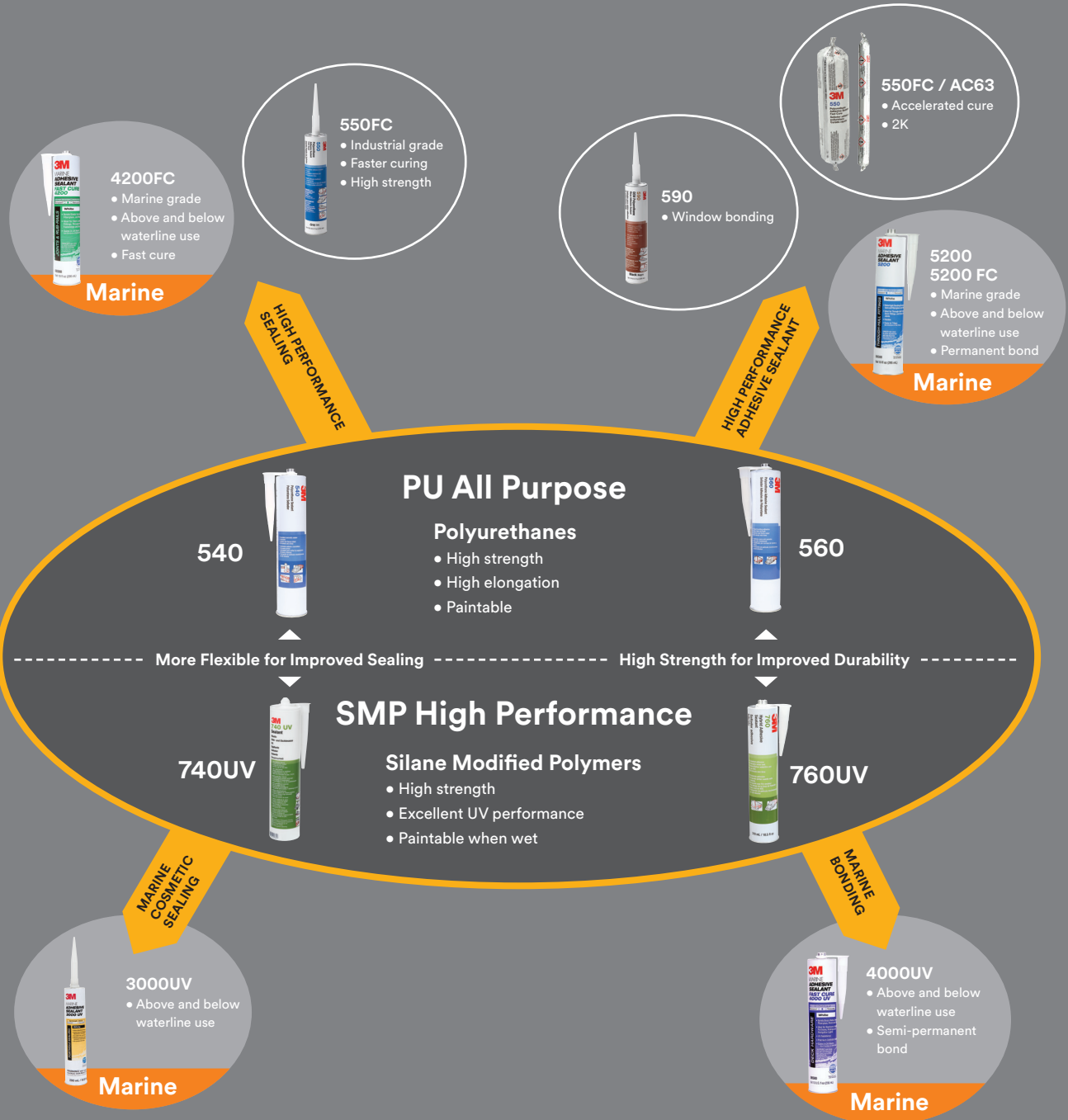for long term performance

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.

4200FC
- Marine grade
- Above and below waterline use
- Fast cure

Marine

550FC
- Industrial grade
- Faster curing
- High strength

590
- Window bonding

550FC / AC63
- Accelerated cure
- 2K

5200
5200 FC
- Marine grade
- Above and below waterline use
- Permanent bond

Marine

HIGH PERFORMANCE SEALING

HIGH PERFORMANCE ADHESIVE SEALANT

PU All Purpose

540

Polyurethanes
- High strength
- High elongation
- Paintable

560

---- More Flexible for Improved Sealing ---------------- High Strength for Improved Durability ----------

SMP High Performance

740UV

Silane Modified Polymers
- High strength
- Excellent UV performance
- Paintable when wet

760UV

MARINE COSMETIC SEALING

MARINE BONDING

3000UV
- Above and below waterline use

Marine

4000UV
- Above and below waterline use
- Semi-permanent bond

Marine

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)

3M™ Polyurethane Adhesive Sealants

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

Product	Description												
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

Product	Description												
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

Product	Description												
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)

Note: The technical information and data on these pages should be considered representative or typical only and should not be used for specification purposes.