

PARTITE® 7400 PP Bonder

Parson Adhesives has developed a unique structural adhesive to bond low surface energy plastics such as polypropylene, TPO, LDPE, HDPE, Teflon, and more. This adhesive allows engineers to select from a variety of plastics based on their design and performance requirements.

Product	Part No.	Packaging	Color	Viscosity, cps	Working Time (mins)	Fixture Time (mins)	Shear Strength (psi)	Mix Ratio	Application
7400	740050 740049 740018	50 ml 490 ml 18 kg	Hazy Off-White	R: 5,000 – 7,000 A: 6,000 – 8,000	2 – 3	120 – 180	1,200 – 1,550	10:1	Ideal to bond low surface energy plastics without any surface preparation. Ideal for PP, TPO, and polyethylene.

PARTITE® 7411 Clear Methacrylate Adhesive

Parson Adhesives has developed a clear methacrylate adhesive to bond plexiglass (acrylics), polycarbonate, PET, ABS, and other plastics. This adhesive is widely used for displays, signs, electronics, and other industrial bonding applications.

Product	Part No.	Packaging	Color	Viscosity, cps	Working Time (mins)	Fixture Time (mins)	Shear Strength (psi)	Mix Ratio	Application
7411	741150 741149 741118	50 ml 490 ml 18 kg	Clear	R: 8,000 – 12,000 A: 5,000 – 7,000	12 – 16	18 – 22	1,200 – 1,750	10:1	Ideal for clear bonding requirement. Widely used for sign, display, electronics and many other industrial bonding applications.

Static Mixers and Dispensing Guns

Part No.	Shape	No. of Elements	Recommendation
7300-028	Square	16	Recommended for 50 mL cartridges (1:1 ratio)
736-1697	Square	25	Recommended for 200 mL, 400 mL, and 380 mL cartridges
968-24	Square	24	Recommended for 200 mL and 400 mL cartridges
975-24	Square	24	Recommended for 200 mL and 400 mL cartridges
116-039	Square	24	Recommended for 250 mL and 490 mL cartridges (10:1 ratio)
706-18T	Round	18	Recommend for 490 mL cartridges (10:1 ratio)
705-16T	Round	16	Recommended for 50 mL cartridges (10:1 ratio)
750			Dispensing gun for 50 mL 1:1 ratio cartridges
720			Dispensing gun for 200 mL 1:1 ratio cartridges
725			Dispensing gun for 250 mL 10:1 ratio cartridges
740			Dispensing gun for 400 mL 1:1 ratio cartridges
745			Dispensing gun for 50 mL 10:1 ratio cartridges
738			Dispensing gun for 380 mL 1:1 co-axial cartridges
749			Dispensing gun for 490 ml 10:1 ratio side-by-side cartridges.



Parson Adhesives is the leading manufacturer of high-quality methacrylate adhesives for a wide variety of industrial assembly applications. PARTITE® methacrylate adhesives are available in 1:1 and 10:1 mix ratios to provide the highest structural strength and resistance properties with consistent performance for every assembly application. PARTITE® methacrylate adhesives are available in packing ranging from 25-mL syringes to 55-gallon drums. We also offer extensive private label services and custom formulations.

Parson Adhesives also manufactures the following:

- SONLOK Anaerobic Adhesives
- PARFIX Cyanoacrylate Adhesives
- PARLITE UV Curable Adhesives
- PARBOND Epoxy & Polyurethane Adhesives
- PARCON Silicone Sealant

We supply these adhesives to a wide variety of industries including automotive, aerospace, railway, marine, electronics, sporting goods, oil and gas, sign and display, medical device, printing and graphics, furniture, construction, transmission and engine products, and general assembly. PARSON has more than 3,500 customers in 56 different countries around the world.



- ISO 9001: 2015 Certified
- DVGW Certified

- BRE Certified Products
- ROHS Compliant

- SGS Certified
- UL Approved

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PARTITE METHACRYLATE ADHESIVES

High Performance Structural Adhesives

PARTITE® Acrylic Adhesives No-Mix Structural Adhesive System

PARTITE® Acrylic Adhesives are a no-mix, two-part system. Apply the adhesive to one surface, the activator to the other, and join the parts together. Fixture time will range from 60 seconds to 5 minutes depending upon the grade. Custom formulations and a variety of packaging are available.

PARTITE® Acrylic Adhesives

Product	Color	Viscosity, cps 20 rpm	Cure Speed	Shear Strength (psi)	Temperature Range	Activator	Application
9326	Amber	18,000 – 26,000	Fixture: 1 min Full: 24 hrs	3,000	-65°F to 250°F	1387	General purpose structural adhesive. Ideal for fast-fixturing. Excellent adhesion to a wide variety of surfaces.
9330	Amber	67,000 – 82,000	Fixture: 5 min Full: 24 hrs	3,700	-65°F to 275°F	1387	Excellent adhesion to a wide variety of surfaces such as glass, plastics, metals, ferrite, wood, ceramics, etc.

PARTITE® Activators and Primers

Product	Color	Viscosity, cps	Use With	Application
1200	Amber	2 - 4	Methacrylates	Primer to improve adhesion of methacrylates on metal surfaces.
1387	Tan	3 - 5	9326, 9330	Activator to increase the cure speed of structural acrylic adhesives.
77	Amber	8 - 10	All methacrylates, PU, and epoxy adhesives	Primer for TPO, polypropylene, and tough-to-bond plastic surfaces.

PARMAXX 610 Odorless Non-Flammable Acrylic Structural Adhesive

Parson produces structural acrylic adhesive for a wide variety of assembly where non-flammability is important. PARMAXX line of structural adhesives offers great strength with excellent resistance properties.

Product	Part No.	Packaging	Color	Viscosity, cps	Working Time (mins)	Fixture Time (mins)	Shear Strength (psi)	Mix Ratio	Application
610	61050 61040 61020	50 ml 400 ml 20 kg	Black	R: 20,000 – 40,000 A: 55,000 – 75,000	8 – 12	18 – 24	2,800 – 3,500	1:1	Non-sag. Ideal for metal and plastic bonding. High resistance properties.

PARTITE® Methacrylate Adhesives 1:1 Mix Ratio

Parson Adhesives produces a full line of high-performance two-part methacrylate structural adhesives for a wide variety of applications. Methyl methacrylate adhesives are commonly used as structural adhesives due to their excellent strength, impact resistance, thermal shock, fatigue resistance, and peel strength. Custom formulations and a variety of packaging are available.

Product	Part No.	Packaging	Color	Viscosity, cps	Working Time (mins)	Fixture Time (mins)	Shear Strength (psi)	Tensile Elongation (%)	Application								
7300	730025 730050 730020 730040 730018 730080	25 mL 50 mL 200 mL 400 mL 18 kg 180 kg	Cream Black	A: 40,000 – 60,000 B: 40,000 – 60,000	4 – 6	12 – 15	3,200 – 3,750	20 – 30	General purpose adhesive with excellent bond to plastics, composites, and metal surfaces.								
	7302	730225 730250 730240								25 mL 50 mL 400 mL	Cream	A: 40,000 – 60,000 B: 40,000 – 60,000	2 – 3	6 – 9	3,000 – 5,000	15 – 27	Faster cure version of 7300.
	7310	731050 731020 731040 731018 731080								50 mL 200 mL 400 mL 18 kg 180 kg							
	7315	731520 731540 731518 731580								200 mL 400 mL 18 kg 180 kg	Ultra white	A: 40,000 – 60,000 B: 40,000 – 60,000	3 – 6	12 – 16	3,800 – 4,200	3 – 6	Ultra-white UV stable adhesive ideal for fiberglass, plastics, and metals.
	7330	733050 733040 733018 733080								50 mL 400 mL 18 kg 180 kg							
7333	733350 733320 733340 733318	50 mL 200 mL 400 mL 18 kg	Ultra white	A: 40,000 – 60,000 B: 40,000 – 60,000	6 – 9	22 – 28	3,100 – 3,300	7 – 18	UV stable, ultra-white adhesive to bond variety of plastics, composites and metals.								
7350	735050 735040 735018 735080	50 mL 400 mL 18 kg 180 kg								Cream	A: 40,000 – 60,000 B: 40,000 – 60,000	40 – 45	90 – 120	3,250 – 3,500	40 – 45	All-purpose adhesive with high toughness and long open time.	
7390	739040 739018 739080	400 mL 18 kg 180 kg	Cream	A: 165,000 – 200,000 B: 165,000 – 200,000	90 – 95	190 – 225	2,800 – 3,100	55 – 65	High viscosity marine adhesive with long open time.								

PARTITE® Methacrylate Adhesives 10:1 Mix Ratio

PARTITE® MMAs can withstand paint bake cycles, including powder coating and electron coating, at 220°C–230°C for up to 35 minutes with no loss of strength. The differences in viscosity, pot life, and cure times enable manufacturers to choose the product that best meets their production needs. No other adhesive offers this combination of convenience, ease of use, and superior mechanical strengths for bonding engineered plastics, composites, and metals.

Product	Part No.	Packaging	Color	Viscosity, cps	Working Time (mins)	Fixture Time (mins)	Shear Strength (psi)	Tensile Elongation (%)	Application
7401	740138 740149 740118	380 ml 490 ml 18 kg	Off-White	A: 100,000 – 120,000 B: 60,000 – 80,000	0.4 – 0.6	1 – 1.5	3,200 – 3,750	55 – 75	General purpose adhesive with extremely fast cure speed. High adhesion to most metals and plastics.
	7418	741838 741849 741818 741880							
7420	742050 742038 742049 742018 742082	50 ml 380 ml 490 ml 18 kg 180 kg	Blue Black	R: 100,000 – 125,000 A: 50,000 – 70,000	4 – 6	15 – 18	3,000 – 3,400	110 – 135	High performance adhesive with fast curing time. High toughness and strength with excellent resistance properties.
	7422	742238 742249 742218 742280							
7425	742538 742549 742518 742580	380 ml 490 ml 18 kg 180 kg	Blue Black	R: 100,000 – 125,000 A: 50,000 – 70,000	17 – 22	35 – 40	3,150 – 3,350	80 – 100	High performance with medium working time. Excellent adhesion to wide variety of plastic, composites, and metal surfaces.
	7428	742849 742818 742880							
7440	744049 744018 744080	490 ml 18 kg 180 kg	White	R: 135,000 – 165,000 A: 45,000 – 60,000	40 – 45	70 – 80	2,600 – 2,900	55 – 65	UV-stable formulation designed for marine applications. High toughness with long working time.
7482	748238 748249 748218 748280	380 ml 490 ml 18 kg 180 kg							
7504	750438 750449 750418 750480	380 ml 490 ml 18 kg 180 kg	Black	R: 90,000 – 125,000 A: 50,000 – 70,000	12 – 18	35 – 40	3,200 – 3,600	35 – 45	Designed for primer-less metal bonding with fast cure time. High toughness and strength.