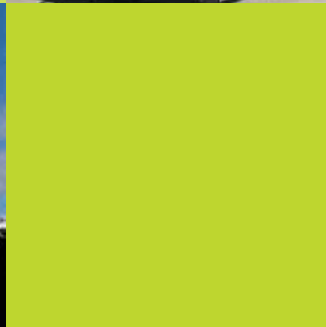




PARTITE[®] Acrylic & Methacrylate Adhesives
PARBOND[®] Epoxy & Polyurethane Adhesives



PARTITE® Acrylic Structural Adhesive

PARTITE adhesives are no mix, two-part system. Simply apply adhesive to one surface, the activator to the other and join parts together. Fixture time will range from 60 seconds to 5 minutes depending upon the grade.

Following are the most popular grades with specifications. Custom formulations and variety of packing are available.

Product	Color	Viscosity, cps 20 rpm	Cure Speed	Shear Strength (psi)	Temperature Range	Activator	Application
9312	Amber	1,000	Fixture - 30 sec. Full - 24 hrs.	3,000	-65°F to 225°F	1387 / 1380	High strength structural adhesive ideally designed for automotive rearview mirror bonding.
9326	Amber	18,000	Fixture - 1 min. Full - 24 hrs.	3,000	-65°F to 250°F	1387 / 1380	General - purpose structural adhesive. Ideal for fast fixturing. Excellent adhesion to wide variety of surfaces.
9330	Amber	67,000	Fixture - 5 min. Full - 24 hrs.	3,700	-65°F to 275°F	1387 / 1380	High performance adhesive with excellent adhesion to ferrite, metals, ceramics, etc.
9392	Amber	60,000	Fixture - 60 sec. Full - 24 hrs.	3,000	-65°F to 300°F	1387 / 1380	Specifically designed for magnet bonding applications. Fast curing with excellent mechanical properties.

PARTITE® Activators & Primers

Product	Viscosity, cps	Color	Use With	Application
1200	2 - 4	Amber	Methacrylates	Primer to improve adhesion of methacrylates on metal surfaces.
1380	3 - 5	Tan / Brown	9332, 9334, 9392	Activator to increase cure speed of structural adhesives.
1387	3 - 5	Tan	9330, 9332, 9334, 9392	Activator to increase the cure speed of structural acrylic adhesives.
77	8 - 10	Amber	All Acrylic, Methacrylate and Epoxy adhesives	Primer for TPO, Polypropylene and tough to bond plastic surfaces.

PARTITE® Static Mixers & Dispensing Gun

Part No.	Shape	No. of Elements	Recommendation
7300 - 028	Square	16	50 ml cartridges for MMA, Epoxy and PU Adhesives.
7190 - 620	Round	16	50 ml cartridges for MMA, Epoxy and PU Adhesives.
7180 - 616	Round	16	200 ml cartridges for MMA, Epoxy and PU Adhesives.
7180 - 818AN	Square	18	400 ml & 380 ml cartridges for MMA products.
7160 - 824	Round	24	380 ml & 490 ml cartridges for MMA products.
750			Dispensing gun for 50 ml 1:1 ratio cartridges.
720			Dispensing gun for 200 ml 1:1 ratio cartridges.
740			Dispensing gun for 400 ml 1:1 ratio cartridges.
745			Dispensing gun for 50 ml 10:1 cartridges.
738			Dispensing gun for 380 ml co-axial cartridges.
749			Dispensing gun for 490 ml 10:1 ratio side by side cartridges.

PARTITE® Methacrylate Adhesive 2 - Part Adhesive System

Parson offers full line of high performance two parts methacrylate structural adhesives for 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. They are based on thermoset adhesives formulations that give excellent structural properties to bond a wide - variety of durable substrates.

Following is the list of standard grades and packaging available but Parson offers custom formulations and packaging based on customer requirement.

PARTITE Adhesives with 1:1 ratio products

Product	Part No.	Packing	Color	Viscosity, cps	Working Time (min)	Fixture Time (min)	Tensile Elongation (%)	Shear Strength (psi)	Application
7300	730025 730050 730020 730040 730060 730018 730082	25 ml 50 ml 200 ml 400 ml 600 ml 18 kg 182 kg	Cream Black White	A:40,000 - 60,000 B:40,000 - 60,000	4 - 6	12 - 15	20 - 30	3,200 - 3,750	General purpose adhesive with excellent bond to plastics 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	15 - 27	3,000 - 3,500	Faster cure version of 7300.
7310	731025 731050 731020 731040 731060 731018 731082	25 ml 50 ml 200 ml 400 ml 600 ml 18 kg 182 kg	Cream Black White	A:40,000 - 60,000 B:40,000 - 60,000	15 - 18	30 - 35	7 - 18	3,100 - 3,300	High performance with excellent adhesion to wide variety of metal and plastic surfaces.
7330	733050 733040 733018 733082	50 ml 400 ml 18 kg 182 kg	Cream	A:40,000 - 60,000 B:40,000 - 60,000	25 - 30	60 - 75	9 - 20	3,000 - 3,200	High performance with excellent adhesion to wide variety of metal and plastic surfaces.
7350	735050 735040 735018 735082	50 ml 400 ml 18 kg 182 kg	Cream	A:40,000 - 60,000 B:40,000 - 60,000	40 - 45	90 - 120	40 - 45	3,250 - 3,500	All purpose adhesive with high toughness and long open time.
7375	737540 737518 737582	400 ml 18 kg 182 kg	Cream White	A:165,000 - 200,000 B:165,000 - 200,000	70 - 75	150 - 175	50 - 60	1,700 - 2,000	High viscosity marine adhesive with long open time.
7390	739040 739018 739082	400 ml 18 kg 182 kg	Cream White Black	A:165,000 - 200,000 B:165,000 - 200,000	90 - 95	190 - 225	55 - 65	1,500 - 1,900	High viscosity marine adhesive with long open time.
7120	712050 712040 712018 712082	50 ml 400 ml 18 kg 182 kg	Cream White	A:40,000 - 60,000 B:40,000 - 60,000	120 - 130	260 - 275	45 - 50	3,000 - 3,300	All purpose adhesive with extra long open time.

PARTITE[®] Methacrylate Adhesive 2 - Part Adhesive System

PARTITE MMAs' can withstand paint bake cycles, including powder coating and electron coating, at typically 220 to 230°C for up to 35 minutes with no loss of strength. The differences in viscosity, pot life and cure times enables manufacturers to choose the one that best suit their production processes. No other adhesive offer their combination of convenience, ease of use and superior mechanical strengths for bonding engineered plastics, composites and metals.

PARTITE Adhesives with 10:1 ratio products

Product	Part No.	Packing	Color	Viscosity, cps	Working Time (min)	Fixture Time (min)	Tensile Elongation (%)	Shear Strength (psi)	Application
7401	740138 740149 740118	380 ml 490 ml 18 kg	Cream	A: 100,000 - 120,000 B: 60,000 - 80,000	25 - 35 sec.	1 - 1.5	55 - 75	3,200 - 3,750	General purpose adhesive with extremely fast cure speed. High adhesion to most metals and plastics.
7405	740550 740538 740549 740518	50 ml 380 ml 490 ml 18 kg	Cream Blue Black	A: 125,000 - 175,000 B: 50,000 - 70,000	8 - 12	25 - 32	110 - 145	1,700 - 2,200	Adhesive with excellent low temperature properties, toughness and strength.
7420	742050 742038 742049 742018 742082	50 ml 380 ml 490 ml 18 kg 182 kg	Cream Blue Black	R: 100,000 - 1,25,000 A: 50,000 - 70,000	4 - 6	15 - 18	110 - 135	1,900 - 2,400	High performance adhesive with fast curing time. High toughness and strength with excellent resistance properties.
7422	742250 742238 742249 742218 742282	50 ml 380 ml 490 ml 18 kg 182 kg	Cream Black White	R: 100,000 - 125,000 A: 50,000 - 70,000	17 - 22	35 - 40	80 - 100	1,750 - 2,300	High performance with medium working time. Excellent adhesion to wide variety of plastic composites and metal surfaces.
7425	742550 742538 742549 742518 742582	50 ml 380 ml 490 ml 18 kg 182 kg	Cream Blue Black	R: 100,000 - 125,000 A: 50,000 - 70,000	30 - 35	80 - 90	115 - 130	2,000 - 2,400	All purpose adhesive with long working time. Excellent adhesion to wide variety of metal and plastic surfaces.
7440	744038 744049 744018 744082	380 ml 490 ml 18 kg 182 kg	White	R: 135,000 - 165,000 A: 45,000 - 60,000	40 - 45	70 - 80	55 - 65	1,700 - 2,200	UV stable formulation design for marine applications. High toughness with long working time.
7475	747518 747582	18 kg 182 kg	Cream	A: 900,000 - 1.3 M B: 80,000 - 200,000	70 - 75	150 - 175	125 - 150	1,700 - 2,000	High viscosity marine adhesive with long open time.
7490	749018 749082	18 kg 182 kg	Cream	A: 9,00,000 - 1.3 M B: 80,000 - 200,000	90 - 120	190 - 360	130 - 180	1,700 - 2,000	High viscosity marine adhesive with extra long open time.
7504	750450 750438 750449 750418 750482	50 ml 380 ml 490 ml 18 kg 182 kg	Gray	R: 90,000 - 125,000 A: 50,000 - 70,000	4 - 6	15 - 18	35 - 45	3,200 - 3,600	Designed for primer - less metal bonding. High toughness and strength with excellent resistance properties.
7510	751050 751038 751049 751018 751082	50 ml 380 ml 490 ml 18 kg 182 kg	Gray	R: 90,000 - 125,000 A: 50,000 - 70,000	12 - 18	35 - 40	35 - 45	3,200 - 3,600	Designed for primer - less metal bonding with medium working time. High toughness and strength.

PARBOND® Epoxy Adhesives with 1:1 ratio

Parson produce complete line of two part epoxy adhesives for structural bonding, potting, and encapsulating applications. Following are our most popular products. Custom formulations and packaging are available upon request.

Product PARBOND	Part Number	Packing	Color	Viscosity, cps	Working Time (min)	Fixture Time (min)	Hardness Shore D	Overlap Shear Strength (psi)	Application
150	15025 15050 15040 15001 15004 15002	25 ml 50 ml 400 ml 1 kg (qt) 4 kg (gal) 20 kg (pail)	Clear	A : 15,000 - 20,000 B : 12,000 - 16,000	4 - 6	10 - 15	80	2,500 - 3,000	All purpose high strength adhesive with 5 - minute working time. Excellent adhesion to wide variety of surfaces.
300	30025 30050 30040 30001 30004 30002	25 ml 50 ml 400 ml 1 kg (qt) 4 kg (gal) 20 kg (pail)	Clear	A : 15,000 - 20,000 B : 12,000 - 16,000	25 - 30	50 - 60	80	2,500 - 3,000	All purpose high performance adhesive with 30 - minute working time. Excellent adhesion to wide variety of surfaces.
5105	510550 510501 510502	50 ml 1 kg (qt) 20 kg (pail)	Clear	A : 15,000 - 20,000 B : 15,000 - 19,000	4 - 6	12 - 15	78	2,200 - 2,750	Low odor version of Parbond 150.
329	32950 32901 32902	50 ml 1 kg (qt) 20 kg (pail)	Clear	A : 14,000 - 18,000 B : 12,000 - 17,000	25 - 30	50 - 60	78	2,500 - 2,900	Low odor version of Parbond 300.
5120	512040 512002	400 ml 20 kg	Gray	A : 100,000 - 120,000 B : 80,000 - 100,000	20 - 30	60 - 80	75	2,300 - 2,700	High performance industrial assembly adhesive.
5125	512550 512540	50 ml 400 ml	Black	A : 15,000 - 20,000 B : 12,000 - 16,000	60 - 80	180 - 220	83	1,900 - 2,300	A potting and encapsulating compound with good electrical properties.
5140	514050 514040	50 ml 400 ml	Off - White	A : 60,000 - 70,000 B : 12,000 - 16,000	60 - 70	160 - 180	85	3,500 - 4,000	Rubber toughened, high strength with high peel and shear.
5141	514125 514150 514102	25 ml 50 ml 20 kg	Metallic Gray	A : 50,000 - 60,000 B : 35,000 - 45,000	4 - 6	12 - 15	80	3,100 - 3,500	Quick Metal repair and assembly adhesive with high strength.
5894	589450 589402	50 ml 20 kg	Black	A : 18,000 - 22,000 B : 12,000 - 16,000	60 - 70	175 - 200	78	2,500 - 3,000	A potting and encapsulating grade for the electronic industry.

PARBOND® Polyurethane Adhesive

Product PARBOND	Color	Viscosity at 25°C cps	Work Life Min	Mix ratio by volume	Overlap Shear Strength (psi)	Hardness (Shore D)	Application
901	Black	Resin - 30,000 Hardener - 30,000	1 - 2	1:1	2250 - 2850	61	Fast curing polyurethane with less than 1 - minute working time. Excellent adhesion to difficult to bond plastics, metals, glass and wood.
905	Black	Resin - 30,000 Hardener - 30,000	4 - 6	1:1	2250 - 2850	61	Fast curing polyurethane with a 5 - minute worklife. General - purpose bonding applications.

PARSON is one of the leading manufacturer of high quality methacrylate adhesives for wide variety of industrial assembly applications. Partite range of methacrylate adhesives are available in 1:1 ratio and 10:1 mix ratio to provide the highest structural strength and resistance properties with consistent performance for every assembly applications. Partite methacrylate adhesives are available from 25 ml syringe to 55 gallon drum packing. We also offer extensive private label services with no minimum quantity requirements.

PARSON also manufactures following engineering and structural adhesives:

- SONLOK Anaerobic Adhesives
- PARFIX Cyanoacrylate Adhesives
- PARLITE UV Curable Adhesives
- PARBOND Epoxy & Polyurethane Adhesives
- PARSEAL Impregnation Sealant

We supply these adhesives to wide variety of industries such as the Automotive, Aerospace, Railway, Marine, Electronics, Sporting Goods, Oil & Gas, Sign & Display, Medical Device, Printing & Graphics, Furniture, Construction, Transmission & Engine Products and General Assembly. PARSON has more than 1,200 customers in 43 different countries around the world.

- ISO 9001 :2000 Certified Company
- DVGW Certified Company
- ROHS Compliance
- SGS Certified
- UL Approved



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