



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

PARSON ADHESIVES, INC.



Partite® Acrylic Adhesives • Partite® Methacrylate Adhesives
Partite® Activators & Primers • Parbond® Epoxy & Polyurethane Adhesives



PARTITE® Acrylic Adhesives No-Mix Structural Adhesive System

PARTITE structural acrylic adhesives offers excellent tensile, shear and peel strength combined with maximum impact, stress and shock resistance. These adhesives offer very strong structural bonds between wide range of similar and dissimilar substrates. These adhesives offer extremely durable bonds in harsh environments with excellent weathering properties.

These 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 less than 30 seconds to 5 minutes depending upon the grade.

Following are the most popular grades with specifications. Custom formulations are available based on requirements.

Product	Color	Viscosity, cps	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	1736	Low viscosity high strength structural adhesive. Excellent adhesion to glass and metals. Designed for rearview mirror bonding.
9324	Amber	17,000	Fixture 5 min. Full-24 hrs.	2,500	-65°F to 290°F	1075	Specifically formulated for toughness and high impact strength. Offers excellent structural strength at very fast speed.
9325	Amber	20,000	Fixture 5 min. Full-24 hrs.	2,600	-65°F to 350°F	1075	High temperature and solvent resistance. Forms flexible bond and gap fill up to 0.40".
9326	Amber	18,000	Fixture 1 min. Full-24 hrs.	3,000	-65°F to 250°F	1649	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	Excellent adhesion to wide variety of surfaces such as glass, plastics, metals, ferrite, wood, ceramics, etc.
9332	Pale yellow	200,000	Fixture 3 min. Full-24 hrs.	4,000	-65°F to 400°F	1387/ 1380	High viscosity, fast fixturing engineered to provide excellent temperature resistance. Wide variety of applications.
9334	Pale yellow	80,000	Fixture 90 sec. Full-24 hrs.	3,200	-65°F to 300°F	1387/ 1380	Specifically designed for magnet bonding applications. Tough adhesive with excellent impact and vibration resistance.
9383	Grey	500,000	Fixture 5 min. Full-24 hrs.	2,200	-65°F to 250°F	1263	High viscosity, high strength adhesive for permanent bonding applications. Excellent impact resistance.
9384	White	300,000	Fixture 5 min. Full-24 hrs.	1,200	-65°F to 250°F	1263	Not a permanent adhesive. Specifically designed for temporary bonding applications.
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.

Packaging:

These adhesives are available in 10 ml, 50 ml, 250 ml and 1 liter kit. 10 kg packing available upon request. Activators are available in 4 oz. spray bottle, 1 liter, 1 gallon and 5 gallon packing.

PARTITE® Methacrylate Adhesives 2-part Adhesive System

Parson offers full line of high performance two parts methacrylate adhesives for wide variety of applications. These adhesives are specifically designed for structural bonding of virtually all thermoplastics, thermosets, metals and composite materials. These adhesives offer excellent bond strength combined with exceptionally high environment resistance properties.

PARTITE Methacrylate Adhesives are widely used in transportation, marine, industrial, sign and construction market.

Following are the most popular grades with specifications. Custom formulations available on request.

Product	Color	Viscosity cps	Mix ratio	Working Time (min)	Fixture Time (min)	Tensile Strength (psi)	Tensile Elongation (%)	Shear Strength (psi)	Application
7300	Cream	40,000 - 60,000	1:1	4-5	12-15	3,200 - 3,600	20-30	3,200-3,750	Excellent adhesion to plastics, composites and metal surfaces.
7310	Cream	40,000 - 60,000	1:1	15-18	30-35	4,300 - 4,750	7-18	3,100-3,300	Excellent adhesion to plastics, composites and metal surfaces.
7395	Pink/ Green	3,000 - 4,000	1:1	3-5	15-25	3000-3,700	20-30	3,400 - 3,800	Low viscosity metal bonder.
7320	Cream	80,000 - 110,000	10:1	8-12	25-30	2,800 - 3,000	80-110	1,800-2,300	Excellent toughness and low-temp properties.
7420	Cream	80,000 - 120,000	10:1	4-6	18-20	2,900 - 3,200	90-125	2,000-2,250	Fast Cure, General-purpose adhesive.
7350	Cream	40,000 - 60,000	1:1	40-45	60-120	3,200 - 3,500	50-60	3,250-3,500	All purpose adhesive. with long open time

This guide only includes the most popular grades. Other adhesives are available. These adhesives are available in 50 ml, 200 ml and 400 ml cartridge. 18 kg packs available for automatic dispensing.

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.
1649	2-4	Amber	9326	As above.
77	8-10	Amber	All Acrylic, Methacrylate and Epoxy adhesive	Primer for TPO, Polypropylene and tough to bond plastic surfaces.

PARBOND® Epoxy Adhesives

PARBOND offers a complete line of one and two part epoxy adhesives for structural bonding, potting, and encapsulating applications.

PARSON line of epoxy adhesives designed to cover wide range of application-specific products by providing following features and benefits:

- Excellent bond strength • Lower cost • Excellent durability • Good resistance to high temperature, humidity and chemicals
- Custom formulations

Following are our most popular products. Custom formulations and packaging are available upon request.

PRODUCT PARBOND	Color	Viscosity at 25°C, cps	Work Life Min	Mix ratio by Volume	Overlap Shear Strength (psi)	Hardness (Shore D)	Application
150	Clear	Resin-15,000 Hardener-12,000	5	1:1	2500-3000	80	Fast curing epoxy with a 5-minute worklife. General-purpose bonding applications.
300	Clear	Resin-15,000 Hardener-17,000	30	1:1	2300-2800	80	A high strength epoxy with 30-minutes worklife. Adhesion to wide variety of surfaces.
5125	Black	Resin-6,500 Hardener-14,000	60	1:1	1000-3000	85	A potting compound with good electrical properties. Black, low viscosity. Non-corrosive.
5130	Grey	100,000 - 150,000	Heat Cure	1 Part	3000-7500	85	High strength, high temperature resistant one part epoxy adhesive. Non-sag.
5140	Off-white	Resin-60,000 Hardener-8,000	60	1:1	3500-4800	85	Rubber toughened, high strength with high peel and shear.

PARBOND® Polyurethane Adhesives

PRODUCT PARBOND	Color	Viscosity at 25°C, cps	Work Life Min	Mix ratio by Volume	Overlap Shear Strength (psi)	Hardness (Shore D)	Application
905	Grey	Resin-30,000 Hardener-30,000	5	1:1	2250-2850	61	Fast curing polyurethane with a 5-minute worklife. General-purpose bonding applications.

We also manufacture following adhesives:

- Cyanoacrylate Adhesives • Anaerobic Adhesives • UV Curable Adhesives • Impregnation Sealants • Pre-Applied Thread Lockers



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