



PARBOND

EPOXY & POLYURETHANE ADHESIVES

PARBOND® Epoxy Adhesives

Parson formulates wide range of epoxy adhesives for variety of industrial bonding, potting and sealing applications. These adhesives are approved by many automotive, appliances, furniture, metal and composite fabricators, etc.

INDUSTRIAL ASSEMBLY ADHESIVES

Product	Part No.	Packing	Color	Mixed Viscosity (cps)	Working Time	Fixture Time (min)	Shear Strength (psi)	Application
101	10125 10150 10140 10120	25 ml 50 ml 400 ml 20 kg	Clear	15 - 20,000	60-90 secs	2-4	2,500 - 3,500	Fast cure all purpose adhesive designed to bond wide variety of surfaces.
150	15025 15050 15040 15020 15000	25 ml 50 ml 400 ml 20 kg 200 kg	Clear	15 - 20,000	3-5 mins	5-10	2,500 - 3,000	General purpose high strength adhesive with fast cure speed. Excellent adhesion to wide variety of surfaces.
300	30025 30050 30040 30020	25 ml 50 ml 400 ml 20 kg	Clear	15 - 20,000	8-15 mins	15-25	2,500 - 3,000	All purpose high performance adhesive with medium cure speed. Excellent adhesion to wide variety of surfaces.
329	32950 32940 32920	50 ml 400 ml 20 kg	Amber	14 - 19,000	20-25 mins	50-60	2,500 - 2,900	Low odor version of Parbond 300
5011	501150 501140 501120	50 ml 400 ml 20 kg	Amber	40 - 50,000	70-100 mins	240-300	2,450 - 2,750	Excellent adhesion on wide variety of surfaces with long working time.
5105	510550 510540 510520	50 ml 400 ml 20 kg	Amber	15 - 20,000	6-8 mins	25-30	2,200 - 2,750	Low odor version of Parbond 150
5110	511050 501140	50 ml 400 ml	Translucent	55 - 75,000	8-12 mins	20-25	3,000 - 4,000	High performance industrial assembly adhesive with exceptional durability.
5120	512040 512020	400 ml 20 kg	Grey	38 - 60,000	20-30 mins	60-70	2,400 - 2,900	High performance industrial assembly adhesive.
5140	514050 514020	50 ml 20 kg	Off white	30 - 40,000	60-70 mins	200-300	3,500 - 4,000	Rubber toughened, high strength with high peel and shear
5145	514550 514520	50 ml 20 kg	Grey Metallic	50 - 75,000	4-6 mins	6-15	2,500 - 3,000	Quick metal repair and assembly adhesive.



PARSON ADHESIVES, INC.

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POTTING & ENCAPSULATING ADHESIVES

Product	Part No.	Packing	Color	Viscosity (cps)	Working Time (min)	Fixture Time (min)	Hardness Shore (D)	Tensile Shear Strength (psi)	Application
340	34050 34040	50 ml 400 ml	Amber	20,000 - 40,000	30-50	240-320	80	3,000 - 4,000	Low exotherm temperature potting compound.
5125	512550 512540	50 ml 400 ml	Black	18,000 - 25,000	60-80	360-480	83	1,900 - 2,300	A potting and encapsulation compound with good electrical properties.
5894	589450 589402	50 ml 20 kg	Black	16,000 - 22,000	80-100	175-200	78	2,000 - 3,000	A potting and encapsulating grade for the electronic industry.

SEAM SEALERS

Product	Part No.	Packing	Color	Viscosity (cps)	Working Time (min)	Sand Time (min)	Hardness Shore (D)	Tensile Shear Strength (psi)	Application
505	50520	200 ml	Black	High Viscosity Liquid	5-8	15-20	80	2,100 - 2,500	Fast cure seam sealer with excellent gap filling properties.
515	51520	200 ml	Black	Non-Sag Paste	12-16	35-55	65	1,500 - 1,700	Very flexible seam sealer with excellent resistance properties.

HIGH STRENGTH EPOXY ADHESIVES WITH 2:1 MIX RATIO

Product	Part No.	Packing	Color	Viscosity (cps)	Working Time (min)	Fixture Time (min)	Overlap Shear Strength (psi)	Application
520	52020 52040 52002	200 ml 400 ml 20 kg	Black	High Viscous Paste	15-25	120-180	3,000 - 4,000	High strength structural applications.
560	56020 56040 56002	200 ml 400 ml 20 kg	Black	High Viscous Paste	40-60	120-180	3,000 - 4,000	High strength structural applications.
590	59020 59040 59002	200 ml 400 ml 20 kg	Black	High Viscous Paste	70-100	240-360	3,000 - 4,000	High strength structural applications.



ONE COMPONENT EPOXY ADHESIVES

Product	Part No.	Packing	Color	Viscosity (cps)	Cure Schedule	Hardness Shore (D)	Overlap Shear Strength (psi)	Application
5301	530120	20 kg	Black	300 - 400,000 cps	25 mins @ 171°C	95	2,350 - 2,950	High temperature resistance for metal bonding applications.
5615	561520	20 kg	White	40 - 60,000 cps	25 mins @ 125°C 30 mins @ 100°C	80	2,450 - 2,950	Disposable needle bonding adhesive.



STATIC MIXERS & DISPENSING GUN

Part No.	Shape	No. of Elements	Recommendation
7300 - 028	Square	16	Recommended for 50 ml cartridge
7160 - 818AN	Round	18	Recommended for 200 ml, 400ml cartridge
7180 - 818AN	Square	18	Recommended for 200 ml, 400ml cartridge
968 - 24	Square	24	Recommended for 200 ml, 400ml cartridge
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.



PARBOND® Polyurethane Adhesives

Parson formulates wide range of 2 -part polyurethane adhesives for wide variety of industrial assembly applications. These adhesives are used by many major automotive, electrical components, transportation, electronic components, furniture and sign manufacturers around the world.

Product	Part No.	Packing	Color	Mixed Viscosity (cps)	Working Time	Fixture Time (min)	Application
901	90150 90120 90140 90102	50 ml 200 ml 400 ml 20 kg	Black	High Viscosity Paste	60-90 seconds	15-20 minutes	Widely used for Automotive bumper and plastic repair.
905	90550 90520 90540 90502	50 ml 200 ml 400 ml 20 kg	Black	High Viscosity Paste	4-6 minutes	25-30 minues	Plastic assembly and repair applications.
919	91950 91920 90502	50 ml 200 ml 20 kg	Black	High Viscosity Paste	15-20 minutes	55-60 minutes	Plastic and wood bonding applications.
923	92350 92320 92302	50 ml 200 ml 20 kg	Black	High Viscosity Paste	60-90 seconds	15-20 minutes	Orthopaedic assembly applications.
953	95316 95320	160 ml 200 ml	Clear	25 - 35,000	35-55 seconds	8-10 minutes	Very soft adhesive for Equine hoof application.
965	96550 96520	50 ml 200 ml	Clear	25 - 35,000	4-6 minutes	25-30 minutes	Widely used for general purpose bonding applications.
969	96916 96920	160 ml 200 ml	Transparent	25 - 35,000	25-45 seconds	3-4 minutes	Bovine hoof bonding application.



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PARBOND Epoxy Adhesives are ideally suited for applications which involve exposure to hostile environmental conditions. Epoxy Adhesives can be customized to suit the requirement for an application. PARBOND Epoxy Adhesives can be made available in a variety of colors.

PARBOND Polyurethane Adhesives are primarily used for automotive applications and industrial applications, mainly for repair and maintenance work. Polyurethane Adhesives provide excellent bonding for both, like and dislike surfaces including ceramics, plastics, rubber, glass, metals and wood. Because of their versatility, Polyurethane Adhesives are widely used where it is required to have higher efficiency at a low operating cost. They find applications in industries like Aerospace, Automobile, Marine, Locomotives and Optical & Glass Bonding Applications.

PARSON also manufactures following engineering and structural adhesives:

- SONLOK Anaerobic Adhesives
- PARFIX Cyanoacrylate Adhesives
- PARLITE UV Curable Adhesives
- PARTITE Acrylic & Methacrylate Adhesives
- PARSEAL Impregnation Sealant

PARSON has more than 2,500 customers in 53 different countries around the world.

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



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