

1-800-GRAINGER (472-4643)



Epoxy Adhesives

Use epoxy on a wide range of formulations to join construction elements together and form a strong bond. These adhesives protect underlying surfaces from dirt and moisture. They are widely used due to their resistance to chemicals and environments, their high strength, and their ability to resist deformation under sustained load.

3M Scotch-Weld—All DP series adhere to metal and plastic. DP110 also bonds to rubber. DP420 also adheres to ceramic, glass, and wood. DP460 is also for use with ceramic and wood.

Devcon—All bond to metal, glass, ceramic, concrete, and wood.

Gorilla Glue—For use on ceramic, metal, and wood.

Loctite—All Hysol Series are for use on metal and plastic. E-00CL, E-00NS, E-20HP, E-30CL, and E-90FL can also bond to ceramics and glass. E-60NC are for use with electronics. Fixmaster Fast Cure Epoxy bonds to metal, ceramic, concrete, wood, glass, and plastic. 4KL23 and 3KE55 include 10 premeasured cups each.

J-B Weld—All bond to metal and plastic. Weld and Professional Series also adhere to wood. Kwik Weld also bonds to fiberglass. Use Marine Weld for ceramic, fiberglass, glass, masonry, and wood.

Super Glue—Quick Setting Metal is for use on aluminum, copper, stainless steel, brass, iron, and steel. Plastic Fusion is for use on plastic, rubber, metal, concrete, and porcelain. All other epoxies are used for glass, metal, wood, rubber, and plastic.

Vibra-Tite—All adhere to ceramic, metal, and wood.



Description	Application	Container Type	Size	Color	Work Life	Functional Cure	Full Cure	Mixing Ratio	Shear Strength (psi)	Epoxy Max. Temp Range	Item No.
3M											
DP100	Bond, Fill, Seal	Dual-Cartridge	1.64 oz	Clear	—	20 min	48 hr	1:1	1,500	300°F and Above	489J86
DP100 Plus		Dual-Cartridge	1.64 oz	Clear	4 min	20 min	48 hr	1:1	1,500	300°F and Above	489J87
DP105		Dual-Cartridge	1.64 oz	Clear	5 min	20 min	48 hr	1:1	2,000	200° to 249°F	489J90
DP110	Bonding	Dual-Cartridge	1.64 oz	Gray	10 min	20 min	48 hr	1:1	3,000	200° to 249°F	489J91
DP125		Dual-Cartridge	1.64 oz	Gray	25 min	2 hr 30 min	7 day	1:1	2,500	300°F and Above	489J93
DP190		Dual-Cartridge	1.64 oz	Gray	—	10 hr	14 day	1:1	2,500	200° to 249°F	489J94
DP420	For The Structural Bonding	Dual-Cartridge	1.69 oz	Off-White	20 min	2 hr	24 hr	2:1	4,500	200° to 249°F	489J98
		Dual-Cartridge	1.69 oz	Black	20 min	2 hr	24 hr	2:1	4,500	200° to 249°F	489J97
DP460	Bonding	Dual-Cartridge	1.69 oz	Off-White	1 hr	4 hr	48 hr	2:1	4,650	200° to 249°F	489J99
DP460NS		Dual-Cartridge	1.64 oz	Off-White	1 hr	4 hr	48 hr	2:1	4,650	200° to 249°F	489K01
Devcon											
5-Minute® Epoxy	For Fast Curing and General Purpose, Rigid Bond in 5 min For Rapid Curing and General Purpose, Rigid Bond in 5 min	Syringe	0.85 oz	Amber	6 min	45 min to 1 hr	12 hr	1:1	1,900	200° to 249°F	5A462
		Dual-Cartridge	1.69 oz	Off-White	3 min	45 min to 1 hr	12 hr	1:1	1,900	200° to 249°F	4TT42
5-Minute® Epoxy Gel	For all Metal Bonding that Requires Fast Curing and Greater Gap Filling Capabilities, Disappearing Blue Coloring Tells You When the Product Is Thoroughly Mixed for Easy Use For all Metal Bonding that Requires Fast Curing and Greater Gap Filling Capabilities	Syringe	25 mL	Gray	7 min	1 hr 30 min	12 hr	1:1	2,500	—	5E156
		Dual-Cartridge	50 mL	—	4 min	1 hr 30 min	48 hr	1:1	2,500	—	4TT41
2-Ton® Clear Epoxy	—	Syringe	25 mL	—	8 to 12 min	2 hr	16 hr	1:1	2,250	—	5E157
		Dual-Cartridge	50 mL	—	8 to 12 min	2 hr	16 hr	1:1	2,250	—	4TT40
Gorilla											
Epoxy Adhesive	Repairing and Bonding For Home, Farm, Office and Marine	Syringe	0.85 oz	Clear	5 min	1 hr 30 min	24 hr	1:1	2,600	200° to 249°F	4YKT2
Loctite											
Hysol E-00CL™	—	Dual-Cartridge	1.69 oz	Clear	3.5 min	15 min	24 hr	1:1	2,160	300°F and Above	4UK08
Hysol E-00NS™	—	Dual-Cartridge	1.69 oz	Clear	3 min	15 min	24 hr	1:1	1,600	199°F and Below	4UK11
Hysol E-05CL™	Fast Fixture, High Peel, Low Odor	Dual-Cartridge	1.69 oz	Clear	3 min	30 min	24 hr	1:1	1,430	250° to 299°F	2VRH6
Hysol E-20HP™	—	Dual-Cartridge	1.69 oz	Tan	20 min	2 hr	24 hr	2:1	3,270	250° to 299°F	4UK09
Hysol E-30CL™	Chemical Resistant, Impact Resistant, Low Viscosity	Dual-Cartridge	1.69 oz	Clear	30 min	3 hr	24 hr	2:1	3,100	250° to 299°F	2VRH9
Hysol E-60NC™	Non-Conductive	Dual-Cartridge	1.69 oz	Black	1 hr	3 hr	24 hr	1:1	2,630	250° to 299°F	2VRJ1
		Dual-Cartridge	6.76 oz	Black	1 hr	3 hr	24 hr	1:1	2,630	250° to 299°F	2VRJ2
Hysol E-90FL™	—	Dual-Cartridge	1.69 oz	Gray	90 min	3 hr	24 hr	1:1	810	200° to 249°F	4UK10
Hysol E-120HP™	—	Dual-Cartridge	1.69 oz	Amber	120 min	3 hr	24 hr	2:1	4,300	300°F and Above	4UK12
Hysol 608™	Fast Fixture, High Peel, Low Odor	Dual-Cartridge	1.69 oz	Clear	5 min	15 min	24 hr	1:1	2,980	199°F and Below	2VRH7
Hysol Potting Compound	Bonding, Encapsulating, Potting Plumbing Repairs	Tube	2.8 oz	Clear	5 min	15 min	24 hr	1:1	2,980	199°F and Below	2VRH8
		Dual-Cartridge	13.53 oz	Black	1 hr	3 hr	24 hr	1:1	2,630	250° to 299°F	19TT87
		Stick	4.0 oz	White	15 min	30 min	30 min	1:1	900	300°F and Above	1YDZ8
Fixmaster® Fast Cure	For Bonding Glass, Rubber and Metal	Can	40 g	Gray	5 min	10 min	12 hr	1:1	2,000	199°F and Below	4KL23
		Can	10.0 oz	Gray	5 min	10 min	12 hr	1:1	2,000	199°F and Below	3KE55
	Bonds And Repairs Cracks And Worn Surfaces, Fast Cure, Multipurpose	Syringe	1.0 oz	Clear	8 min	—	1 hr	1:1	2,300	300°F and Above	5YGU7
J-B Weld											
J-B Weld	For Repairing and Bonding Heavy Duty, Automotive, Home, Industrial, Farm and Marine Situations	Tube	1.0 oz	Gray	30 min	6 hr	24 hr	1:1	3,960	300°F and Above	2UV83
J-B Weld Professional		Tube	5.0 oz	Gray	30 min	6 hr	24 hr	1:1	5,020 psi	300°F and Above	2UV88
J-B Kwik Weld	For Repairing Hobbies and Crafts, Hot and Cold Pipes, Furnaces, Hot Water Heaters, Disposals, Toilets, Appliances, Tools, Yard Equipment and Electrical Plugs	Tube	1.0 oz	Gray	2 min	3 hr	6 hr	1:1	2,424	300°F and Above	2UV85
MarineWeld	For Repairing And Bonding Marine Applications	Tube	1.0 oz	Gray	20 min	6 hr	24 hr	1:1	3,960	300°F and Above	5DFV0
Quick Setting, Steel Reinforced Epoxy	Apply With Appropriate Tool In An Even Coat	Tube	5.0 oz	Gray	4 min	6 hr	24 hr	1:1	2,424	300°F and Above	14G802
Super Glue											
Quick Setting	Fast Bonding And Repairing, Durable And Sandable In Final Cure	Tube	0.5 oz	Yellow	4 to 6 min	30 min	24 hr	1:1	1,200	199°F and Below	3EHR5
Quick Setting Metal	Industrial Strength, Repair and Bonding of Metals	Syringe	1.0 oz	Yellow	4 to 6 min	1 hr	24 hr	1:1	2,500	300°F and Above	1FBG9
Instant Setting	90 Second Setting For Fast Bonding	Syringe	1.0 oz	Yellow	90 sec	10 min	24 hr	1:1	2,000	199°F and Below	3EHR4
Single Use, Instant Setting Epoxy	All Purpose, Small Jobs	Tube	3 g	Yellow	90 sec	10 min	24 hr	1:1	2,000	199°F and Below	6KWD9
Super Strength	Industrial Strength Bonding and Repair, For The Home, Office, Farm and Marine	Syringe	1.0 oz	Yellow	30 min	7 hr	24 hr	1:1	2,000	200° to 249°F	1FBG8
Plastic Fusion	Repairing of Toys, Plastic Fixtures, Jewelry and Taxidermy	Syringe	1.0 oz	Yellow	5 to 10 min	5 min	24 hr	1:1	4,000	250° to 299°F	1FBG7
Vibra-Tite											
905 Quick Cure	For Bushing Assembly in Cars, Fiberglass Decks in Boats, Relays and Controls in Electronic Equipment, Lawn Sprinklers, Office Partitions, Pump Casting Components, Golf Clubs, Home Furniture and Surgical Instruments	Dual-Cartridge	1.69 oz	Clear	6 min	6 min	24 hr	1:1	1,000	250° to 299°F	49CF04