











**LOCTITE® BRAND INSTANT
ADHESIVES PROPERTIES CHART**

PRODUCT	Item Number	Container	Typical Use	Color	Gap Fill	Category	Viscosity, cP	Strength, psi* Tensile Shear	Temperature Range	Cure Speed**	Specific Gravity	Agency Approvals
455™ Prism®	22309 17421	10 gm syringe 200 gm tube	Porous surfaces	Clear	.010"	Low odor/ low bloom Alkoxy	Gel	2,600	-65°F to 160°F	Fixture - 90 sec. Full - 24 hrs.	1.10	-
460™ Prism® 	46004 46040 46061	3 gm tube 20 gm bottle 1 lb. bottle	Close fitting parts	Clear	.004"	Low odor/ low bloom Alkoxy	45	2,600	-65°F to 160°F	Fixture - 50 sec. Full - 24 hrs.	1.10	-
480™ Prism® 	48040 48061	20 gm bottle 1 lb. bottle	General filling	Black	.006"	Toughened Ethyl	300	3,800	-65°F to 210°F	Fixture - 90 sec. Full - 24 hrs.	1.10	NSF/ANSI 61
493™ Super Bonder®	49350 49361	1 oz. bottle 1 lb. bottle	Wicking type metal bonder	Clear	.002"	General purpose Methyl	2	3,600	-65°F to 180°F	Fixture - 30 sec. Full - 24 hrs.	1.09	Commercial item std. A-A-3097
495™ Super Bonder®	49595 49504 49550 49561	.07 fl. oz. Gluematic® Pen 3 gm tube 1 oz. bottle 1 lb. bottle	General purpose	Clear	.004"	General purpose Ethyl	45	2,750	-65°F to 180°F	Fixture - 20 sec. Full - 24 hrs.	1.05	Commercial item std. A-A-3097, ABS
496™ Super Bonder® 	49650 49661	1 oz. bottle 1 lb. bottle	General purpose rubber bonder	Clear	.006"	General purpose Methyl	125	3,600	-65°F to 180°F	Fixture - 30 sec. Full - 24 hrs.	1.09	Commercial item std. A-A-3097
498™ Super Bonder®	49850 49861	1 oz. bottle 1 lb. bottle	Thermal cycling adhesive	Clear	.007"	General purpose Ethyl	500	3,000	-65°F to 250°F	Fixture - 50 sec. Full - 24 hrs.	1.10	-
499™ Super Bonder®	49904 21924 49945 49974	3 gm tube 10 gm syringe 20 gm tube 200 gm tube	Thermal cycling gel adhesive	Clear	.010"	General purpose Ethyl	Gel	3,200	-65°F to 200°F	Fixture - 75 sec. Full - 24 hrs.	1.10	-
4203™ Prism®	28026 28027	20 gm tube 1 lb. bottle	Close fitting parts	Clear	.005"	Thermally resistant Ethyl	375	2,200	-65°F to 250°F	Fixture - 30 sec. Full - 24 hrs.	1.10	-
4204™ Prism®	26324 26325	20 gm tube 1 lb. bottle	Gap filling	Clear	.008"	Thermally resistant Ethyl	4,000	2,100	-65°F to 250°F	Fixture - 30 sec. Full - 24 hrs.	1.10	-
4205™ Prism®	28028 28029 28030	20 gm tube 200 gm tube 300 gm cartridge	Porous surfaces	Clear	.010"	Thermally resistant Ethyl	Gel	2,300	-65°F to 250°F	Fixture - 30 sec. Full - 24 hrs.	1.10	-
4210™ Prism® 	19757 19758 19759	3 gm tube 20 gm bottle 1 lb. bottle	Close fitting parts	Black	.005"	Thermally resistant Ethyl	160	3,600	-65°F to 250°F	Fixture - 120 sec. Full - 24 hrs.	1.10	CFIA
4211™ Prism®	19761 19762 19763	3 gm tube 20 gm bottle 1 lb. bottle	Gap filling	Black	.007"	Thermally resistant Ethyl	2,500	3,600	-65°F to 250°F	Fixture - 210 sec. Full - 24 hrs.	1.07	-
4212™ Prism® 	19765 21923 19766 19767 19768	3 gm tube 10 gm syringe 20 gm tube 200 gm tube 300 gm cartridge	Porous surfaces	Black	.008"	Thermally resistant Ethyl	11,000	3,900	-65°F to 250°F	Fixture - 360 sec. Full - 24 hrs.	1.05	CFIA
4471™ Prism®	44704 44740 44761	3 gm tube 20 gm bottle 1 lb. bottle	Gap filling	Clear	.007"	Surface insensitive Ethyl	600	3,200	-65°F to 180°F	Fixture - 10 sec. Full - 24 hrs.	1.10	-
4500™ Prism® 	35533 35534 35813 35814	3 gm tube 20 gm tube 200 gm tube 300 gm cartridge	Porous surfaces	Clear	.010"	Surface insensitive Ethyl	Gel	2,760	-65°F to 180°F	Fixture - 5 sec. Full - 24 hrs.	1.11	-
4501™ Prism® 	38146 38145 38147	3 gm tube 20 gm bottle 1 lb. bottle	Wicking grade	Clear	.004"	Surface insensitive Ethyl	20	2,600	-65°F to 180°F	Fixture - 5 sec. Full - 24 hrs.	1.10	-
4502™ Prism® 	39231 39232 39233	3 gm tube 20 gm bottle 1 lb. bottle	General purpose	Clear	.005	Surface insensitive Ethyl	100	2,810	-65°F to 180°F	Fixture - 5 sec. Full - 24 hrs.	1.10	-
4503™ Prism® 	39213 39214 39170	3 gm tube 20 gm bottle 1 lb. bottle	Gap filling	Clear	.007	Surface insensitive Ethyl	650	2,910	-65°F to 180°F	Fixture - 5 sec. Full - 24 hrs.	1.10	-
4851™ Prism® 	37732 37733	20 gm bottle 1 lb. bottle	Flexible	Clear	.006"	Flexible Alkyl	400	2,175	-65°F to 212°F	Fixture - 30 sec. Full - 24 hrs.	1.10	-
4861™ Prism® 	37708 37711	20 gm bottle 1 lb. bottle	Flexible	Clear	.008"	Flexible Alkyl	4,000	2,465	-65°F to 212°F	Fixture - 25 sec. Full - 24 hrs.	1.10	-

* Grit blasted steel. ** Varies with substrates.

† Contains Loctite® 444™ Tak Pak® Instant Adhesive (20 gm bottle), Loctite® 7452™ Tak Pak® Accelerator (1.75 fl. oz. bottle).

A complete line of surface primers, accelerators and cleaners are available to further enhance the performance of Loctite® brand instant adhesives. Refer to the Surface Preparation section.



Indicates worldwide availability.