

# [ Loctite® Magnet Bonding Structural Adhesives Properties Chart ]

	LOCTITE® PRODUCT	ITEM NUMBER	PACKAGE TYPE / SIZE	FEATURES	CHEMISTRY	COLOR	VISCOSITY (cP)	GAP FILL (in.)	FIXTURE TIME	CURE TIME (hours)	SHEAR STRENGTH <sup>1</sup> (psi)	IMPACT STRENGTH <sup>1</sup> (kJ/M <sup>2</sup> )	TEMPERATURE RESISTANCE	SUGGESTED ACTIVATOR
ACID-FREE FAST FIXTURING / NO MIXING	<b>331™ (PATENTED)</b>	1057673 1256398 1057674* 1062124*	25 ml syringe w/ manual plunger 25 ml EFD syringe 1 liter bottle 10 gallon pail	Ultra-fast fixture, Acid-free	Two-Step Acrylic	Cream	20,000	0.04	20 seconds	24	3,100	>13	350°F (177°C)	Loctite® 7387™ Activator
	<b>3060™</b>	1087985 1087986 1087987 1087988* 1088035*	60 ml kit <sup>2</sup> 1 liter, adhesive 1 liter, activator 10 liter, adhesive 10 liter, activator	Room Temperature, Gap Filling, Acid-free	Two-Part External Mix Acrylic	Yellow/ Blue = Green	15,000	>0.05	55 seconds	24	3,800	>13	300°F (149°C)	N/A
	<b>E-220IC™</b>	1078250 1078261 1078499*	30 ml syringe 1 liter bottle 5 gallon pail	Induction Heat Cure, Acid-free	One-Part Epoxy	Grey	Paste	-	N/A	0.03 (induction) 1 (oven)	5,900	>13	300°F (149°C)	N/A
	<b>E-214HP™</b>	29339 29340	30 ml cartridge 300 ml cartridge	Oven Heat Cure, Acid-free	One-Part Epoxy	Light Grey	Paste	-	N/A	2	4,820	-	300°F (149°C)	N/A
FAST FIXTURING / NO MIXING	<b>312™ SPEEDBONDER™</b>	03333 00144 31231 31243	10 ml kit <sup>2</sup> 50 ml kit <sup>2</sup> 50 ml bottle 1 liter bottle	General Purpose, Ultra-Fast Fixture	Two-Step Acrylic	Clear to Amber	1,000	0.003	30 seconds	24	>2,490	-	250°F (121°C)	Loctite® 736™ Primer NF™
	<b>392™</b>	39250 39275 39280	50 ml tube 300 ml cartridge 1 liter bottle	High Toughness	Two-Step Acrylic	Amber	6,500	0.025	60 seconds	24	2,500	-	250°F (121°C)	Loctite® 7387™ Activator
	<b>334™</b>	33403 33470	25 ml syringe 300 ml cartridge	Severe Environment, High Temperature	Two-Step Acrylic	Yellow	80,000	0.02	90 seconds	24	2,800	5.2	350°F (177°C)	Loctite® 7387™ Activator
	<b>325™ SPEEDBONDER™</b>	32530 32586	50 ml bottle 1 liter bottle	Severe Environment, Chemical Resistant	Two-Step Acrylic	Clear Brown	20,000	0.04	5 minutes	24	2,200	-	300°F (149°C)	Loctite® 7075™ Activator
	<b>A-663™</b> <b>NEW</b>	1254437 1256154	40 ml kit 4000 ml kit	Medium Working Time	Two-Part External Mix	Green	30,000	0.1	4-6 minutes	3	2,500-3,000	8-10	311°F (155°C)	N/A
	<b>A-671™</b> <b>NEW</b>	1256489 1256488 1256502 1255708 1256501 1255709	40 ml kit, adhesive/ activator 4000 ml kit, adhesive/ activator 2 liter bottle, adhesive 2 liter bottle, activator 19 liter pail, adhesive 19 liter pail, activator	Gap Filling, Humidity Resistant	Two-Part External Mix	Green	30,000	0.1	30-60 seconds	1	2,500-3,000	8-10	311°F (155°C)	N/A
	<b>A-6750™</b> <b>NEW</b>	1256506 1256503 1255702	40 ml kit, adhesive/ activator 2 liter bottle, adhesive 2 liter bottle, activator	Extended Working Time, Large Gaps	Two-Part External Mix	Green	30,000	0.2	10-13 minutes	3	2,500-3,000	8-10	311°F (155°C)	N/A

ITEMS IN RED = Source's PICK

\* Made-to-order item  
1 Steel

<sup>2</sup> 10 ml bottle of Loctite® 312™ Speedbonder™ and  
40 g aerosol can of Loctite® 736™ Primer NF™

<sup>3</sup> 50 ml bottle of Loctite® 312™ Speedbonder™ and  
6 oz. aerosol can of Loctite® 736™ Primer NF™

<sup>4</sup> 2 - 30 ml syringes