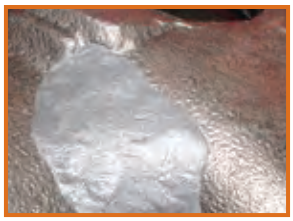
Maintenance & Repair Epoxies



LOCTITE® Maintenance & Repair Epoxy Properties Chart

	LOCTITE® PRODUCT	ITEM NUMBER	PACKAGE TYPE & SIZE	COLOR	COVERAGE	MAXIMUM TEMPERATURE† (°F)	COMPRESSIVE STRENGTH† (psi)	TENSILE STRENGTH† (psi)	SHORE HARDNESS	WORKING TIME	FUNCTIONAL CURE	MIX RATIO BY VOLUME	MIX RATIO BY WEIGHT	AGENCY APPROVALS
EPOXY STICKS	EA 3463™ 10-MINUTE REPAIR EPOXY*	98853	4 oz. stick	Metallic Black	16 in.²**	350	7,200	2,500	D 80	3 minutes	10 minutes	N/A	N/A	NSF 61
	PC 9428™ CONCRETE REPAIR EPOXY	39366	4 oz. stick	Grey	16 in.²**	250	12,000	2,500	D 80	4 to 7 minutes	10 minutes	N/A	N/A	N/A
	EA 9480™ UNDERWATER REPAIR EPOXY	82093	4 oz. stick	White	16 in.²**	300	12,000	900	D 70	15 minutes	30 minutes	N/A	N/A	CFIA Listed
POURABLE	EA 3472™ STEEL-FILLED CASTABLE EPOXY*	97483 97484	1 lb. kit 4 lb. kit	Grey	13 in.³ 52 in.³	302	9,700	6,000	D 86	25 minutes	6 hours	4:1	9.5:1	ABS, CFIA Listed, NEHC, NAVSEA
	PC 3466™ CASTABLE ALUMINUM LIQUID*	97453	1 lb. kit	Aluminum	17 in.³	250	11,500	6,000	D 85	20 minutes	6 hours	5:1	9:1	ABS, CFIA Listed, NEHC, NAVSEA
TROWELABLE	EA 3478™ SUPERIOR METAL*	97473 40900	1 lb. kit 4 kg kit	Dark Grey	0.25 ft.²** 2.2 ft.²**	302	9,900	5,500	D 90	20 minutes	6 hours	4:1	7.25:1	CFIA Listed
	EA 3471™ STEEL PUTTY*	99913 99914 99912	1 lb. kit 4 lb. kit 25 lb. kit	Grey	0.3 ft.²** 1.2 ft.²** 7.5 ft.²**	225	11,100	4,900	D 85	30 minutes	6 hours	2.5:1	6.25:1	ABS, CFIA Listed, NEHC, NAVSEA
	PC 7254™ ALUMINUM PUTTY*	97463	1 lb. kit	Aluminum	0.5 ft.²**	356	9,000	4,000	D 87	20 minutes	6 hours	4:1	6.3:1	ABS, CFIA Listed, NEHC, NAVSEA
	EA 3476™ STAINLESS STEEL PUTTY*	97443	1 lb. kit	Grey	0.25 ft.²**	225	12,000	4,600	D 85	20 minutes	6 hours	4:1	9:1	ABS, CFIA Listed, NEHC, NAVSEA
	EA 3473™ FAST SET STEEL PUTTY*	39917	1 lb. kit	Grey	0.4 ft.²**	200	10,800	4,600	D 80	3 minutes	10 minutes	1:1	1.8:1	ABS, CFIA Listed, NEHC, NAVSEA

	LOCTITE® PRODUCT	ITEM NUMBER	PACKAGE TYPE & SIZE	COLOR (CURED)	MAXIMUM TEMPERATURE† (°F)	TENSILE STRENGTH† (psi)	WORK LIFE	FIXTURE TIME‡	FULL CURE (HOURS)	AGENCY APPROVALS
HIGH PERFORMANCE	PC 3965™ FAST SET STEEL EPOXY	96604	50 ml cartridge	Grey	200	2,600	3 minutes	6 to 8 minutes	7	CFIA Listed
	PC 7222™ NORDBAK® WEAR RESISTANT PUTTY	98742 98743	1 lb. kit 3 lb. kit	Grey	225	1,450	30 minutes	1 hour	6	ABS, CFIA Listed, NEHC, NAVSEA
SPECIALTY PRODUCTS	MR 2000™ EXTREME TEMPERATURE REPAIR PUTTY	95724	8 oz. can	Grey	2000	675	30 minutes	1 hour	7	N/A
	EA 445™ FAST CURE EPOXY	21425 21426	10 – 0.12 fl. oz. cups 10 – 1 oz. cups	Grey	180	2,000	5 minutes	10 minutes	12	N/A
	EA 9017™ FAST CURE EPOXY	1324007	1 oz. oval syringe	Translucent	300	2,300	1 minute	5 minutes	1	ABS, CFIA Listed
	EA 9035™ 4-MINUTE EPOXY	97434	50 ml cartridge	Translucent	160	2,000	3-4 minutes	10 minutes	1	N/A
APPLICATORS	MANUAL CARTRIDGE APPLICATOR	98472	Required for use with LOCTITE® 50 ml cartridges. (Item No. 98455 is also required and must be ordered separately.) For more information on spare parts, nozzles and accessories, please visit www.equipment.loctite.com.							
	STATIC MIX NOZZLES	98455	Packaged 10/bag – for mixing and dispensing LOCTITE® 50 ml cartridges. For more information on spare parts, nozzles and accessories, please visit www.equipment.loctite.com.							

ITEMS IN RED = *Source's* PICK or NEW

* Properties are based on mixing 1 lb. mass at 77°F, seven days' cure.
** At 1/4 in. thickness.
† Ultimate cure.
‡ Time to reach handling strength.
§ Properties based on ultimate cure. Epoxy properties based on mixing 20 g mass at 77°F.