

THREADLOCKERS

Interactive PDF

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Properties Chart: Threadlockers

LOCTITE® PRODUCT	Item Number	Container	Typical Use	Color	Viscosity (cP)	Torque in. lbs. (M10 Steel Nuts & Bolts) Break/Prevail	Temp. Range	Cure Speed, Steel @ 25°C	Oil Tolerant	Specific Gravity	Agency Approvals
222™	38653	6 ml tube	Low strength up to 1/4" (6 mm) screws	Purple	1,200/5,000 Thixotropic	53 / 30	-65°F - 300°F (-54°C - 149°C)	Fixture 10 min. — Full Cure 24 hrs.	•	1.05	•
242™	24205 37418 37477	0.5 ml ampule 6 ml tube 36 ml bottle	Removable grade up to 1/4" to 3/4" (6 mm to 19 mm) bolts	Blue	1,200/5,000 Thixotropic	110 / 43	-65°F - 300°F (-54°C - 149°C)	Fixture 10 min. — Full Cure 24 hrs.	•	1.07	Mil-Spec (S-46163A) Type II, Grade N, CFIA
243™	1330799 1330906	6 ml tube 36 ml bottle	1/4" to 3/4" (6 mm to 19 mm) bolts with light oil contamination	Blue	2,250/12,000 Thixotropic	180 / 62	-65°F - 300°F (-54°C - 149°C)	Fixture 5 min. — Full Cure 24 hrs.	Yes	1.08	AgricultureCanada approved
249™	1372603	260 in. roll	1/4" to 3/4" (6 mm to 19 mm) bolts, overhead, pre-dispensed, hard-to-reach areas	Blue	Tape	74 / 47	-65°F - 300°F (-54°C - 149°C)	Fixture 30 min. — Full Cure 24 hrs.	•	•	CFIA
262™	37420 37478	6 ml tube 36 ml bottle	High strength locking up to 3/4" (19 mm) bolts	Red	1,800/5,000 Thixotropic	189 / 275	-65°F - 300°F (-54°C - 149°C)	Fixture 5 min. — Full Cure 24 hrs.	•	1.05	Mil-Spec (S-46163A) Type II, Grade O, AgricultureCanada approved
271™	27105 37421 37479	0.5 ml ampule 6 ml tube 36 ml bottle	High strength for fasteners up to 1" (25 mm) diameter	Red	500	250 / 275	-65°F - 300°F (-54°C - 149°C)	Fixture 10 min. — Full Cure 24 hrs.	•	1.10	Mil-Spec (S-46163A) Type I, Grade K, UL classified, CFIA
272™	37480	36 ml bottle	High temperature applications	Red	9,500	200 / 220	-65°F - 450°F (-54°C - 232°C)	Fixture 30 min. — Full Cure 24 hrs.	•	1.11	CFIA
277™	38656	36 ml bottle	High strength for large bolts	Red	7,000	275 / 275	-65°F - 300°F (-54°C - 149°C)	Fixture 60 min. — Full Cure 24 hrs.	•	1.12	Mil-Spec (S-46163A) Type I, Grade L
290™	37423 37481	6 ml tube 36 ml bottle	Wicking grade for pre-assembled parts	Green	12	85 / 250	-65°F - 300°F (-54°C - 149°C)	Fixture 6 min. — Full Cure 24 hrs.	•	1.08	Mil-Spec (S-46163A) Type III, Grade R, CFIA
BLUE STICK THREADLOCKER	37614 37643	19 g stick 9 g stick	Removable grade up to 1/4" to 3/4" (6 mm to 19 mm) bolts	Blue	Semisolid	110 / 43	-65°F - 300°F (-54°C - 149°C)	Fixture 10 min. (3 min. w/ primer) — Full Cure 24 hrs.	•	1.10	CFIA
RED STICK THREADLOCKER	37700 37701	19 g stick 9 g stick	High strength locking up to 3/4" (19 mm) bolts	Red	Semisolid	202 / 34	-65°F - 300°F (-54°C - 149°C)	Fixture 20 min. (5 min. w/ primer) — Full Cure 24 hrs.	•	1.06	CFIA