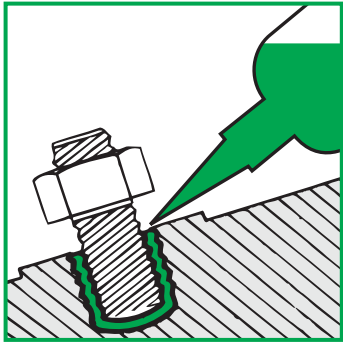




ThreadLocking

Anaerobic threadlockers lock studs, nuts, screws and any threaded fasteners. The adhesive prevents loosening caused by vibration, mechanical and thermal shock. Threadlocking adhesive also inhibits fretting corrosion and prevents the seizure and galling.

*** CLASS OF LOCKING**

- 1 = LOW STRENGTH - EASY TO DISMANTLE
- 2 = MEDIUM STRENGTH - POSSIBLE TO DISMANTLE
- 3 = HIGH STRENGTH - PERMANENT LOCKING

**** BROOKFIELD VISCOSITY**

- HT = HIGH THIXOTROPY
- MT = MEDIUM THIXOTROPY
- LT = LOW THIXOTROPY

***** LOCKING TORQUE**

- BOLT M10 X 20 ZINC - QUALITY 8.8
- NUT = 0,8 d
- STANDARD ISO 10964

**** **F = Fluorescent:** when exposed to UV light.

Thixotropy: capability of an adhesive to reduce its viscosity when exposed to stress.



PRODUCT NUMBER	* CLASS OF LOCKING	MAX DIAMETER OF THREAD MAX GAP FILLING		** VISCOSITY 25°C mPa.s (LT-MT-HT)		**** COLOR	CURING TIME		*** LOCKING TORQUE N.m (ISO 10964)		SHEAR STRENGTH (ISO 10123) N/mm²	TEMPERATURE RANGE °C	DESCRIPTION SUGGESTED APPLICATIONS
							HANDLING MINUTES	FUNCTIONAL HOURS	BREAKAWAY	PREVAILING			
24-18 32-18	1	M24	0,20 mm	800-1400	MT	PURPLE/F	15 - 30	1 - 3	5 - 8	2 - 5	3 - 5	-55 +150	1. THREADLOCKING EASY TO DISMANTLE Low strength locking and anti-vibration. General purpose. Low strength locking for small screws.
	1	M12	0,10 mm	125	LT	VIOLET/F	15 - 20	3 - 6	6 - 10	3 - 6	5 - 7	-55 +150	
52-03 54-03 55-03 55-04	2	M12	0,10 mm	125	LT	BLUE/F	10 - 20	1 - 3	10 - 14	14 - 24	8 - 12	-55 +150	2. THREADLOCKING MEDIUM STRENGTH Medium strength locking for small diameter screws and fasteners. Nut-lock general purpose. Medium strength locking suitable on oily surfaces. Approved for gas and potable water (DVGW-T2W). Locking of large diameter studs.
	2	M24	0,20 mm	1000	MT	LIGHT BLUE/F	10 - 20	1 - 3	14 - 20	4 - 9	8 - 12	-55 +150	
	2	M36	0,25 mm	1700-9000	MT	BLUE/F	10 - 20	1 - 3	18 - 23	9 - 16	9 - 13	-55 +150	
	2	M36	0,25 mm	1500-8600	MT	RED/F	10 - 15	1 - 3	20 - 25	40 - 50	10 - 15	-55 +150	
70-10 70-14 83-54 83-55 85-56 86-54 86-72		M5	0,07 mm	10-20	LT	GREEN/F	40- 80	3 - 6	5 - 15	2 - 10	5 - 10	-55 +150	3. THREADLOCKING HIGH STRENGTH Penetrating threadlocker. Suitable for sealing of copper pipes on aluminium plates. Penetrating. For use on assembled parts or to seal metal porosity. High strength. General purpose. High strength stud lock, even for oily surfaces. Retaining, sealing, threadlocking. Large tolerances threadlocking and sealing. High strength threadlocking and sealing, high temperature resistance up to +230°C. DVGW approved for gas.
	3	M5	0,07 mm	10-20	LT	GREEN/F	10 - 20	1 - 3	10 - 25	25 - 40	8 - 12	-55 +150	
	3	M20	0,15 mm	500	LT	GREEN/F	10 - 20	1 - 3	25 - 35	50 - 65	15 - 20	-55 +150	
	3	M20	0,15 mm	500	LT	RED/F	10 - 20	1 - 3	25 - 35	50 - 65	15 - 20	-55 +150	
	3	M56 2"	0,30 mm	2500-4500	LT	BLUE/F	15 - 30	3 - 6	35 - 40	40 - 50	15 - 25	-55 +150	
	3	2"	0,30 mm	8000-24000	MT	GREEN/F	15 - 30	3 - 6	40 - 50	45 - 55	15 - 25	-55 +150	
	3	2"	0,30 mm	5000-28000	MT	RED	20 - 40	3 - 6	25 - 35	45 - 70	10 - 20	-55 +230	