



Threadlocking

Loxal anaerobic threadlocking adhesives enable you to lock bolts, studs nuts and screws and to avoid loosening caused by stress and vibration.

SUBSTRATES:

- Metal

BENEFITS:

- Replace mechanical washers and fasteners.
- Prevent loosening caused by vibration, mechanical and thermal shock.
- Lubricate for easier assembly.
- Maintain the initial applied torque.
- Available in 3 grades of locking strength: low (easy to dismantle), medium (possible to dismantle), high (permanent locking).
- Certified according to international standards DVGW, TZW.

	PRODUCT	MAX DIAMETER OF THREAD MAX GAP FILLING		*** VISCOSITY 25°C mPa s (LT-MT-HT)		COLOUR	CURING TIME		*** LOCKING TORQUE N m (ISO 10964)		SHEAR STRENGTH (ISO 10123) N/mm ²	TEMPERATURE RANGE °C	APPROVALS	DESCRIPTION
							HANDLING (min.)	FUNCTIONAL (h)	BREAKAWAY	PREVAILING				
LOW STRENGTH	24-18	M24	0,20 mm	800-1400	MT	PURPLE/F	15 - 30	1 - 3	5 - 8	2 - 5	3 - 5	-55 +150		Anti-vibration, general purpose.
MEDIUM STRENGTH	54-03	M24	0,20 mm	900-1500	MT	LIGHT BLUE/F	10 - 20	1 - 3	14 - 20	4 - 9	8 - 12	-55 +150		Fluid, general purpose.
	55-02	M36	0,25 mm	2500-12000	MT	BLUE	20 - 40	6 - 12	18 - 25	9 - 16	9 - 13	-55 +150		Green, no risk phrases, blank MSDS.
	55-03	M36	0,25 mm	1700-9000	MT	BLUE/F	10 - 20	1 - 3	18 - 23	9 - 16	9 - 13	-55 +200	Gas DVGW, Gaz de France, Potable water TZW	High Temperature, for oily surfaces.
	55-04	M36	0,25 mm	1500-8600	MT	RED/F	10 - 15	1 - 3	20 - 25	40 - 50	10 - 15	-55 +150		Fill large gaps, for large diameter studs.
HIGH STRENGTH	70-14	M5	0,07 mm	10-20	LT	GREEN	10 - 20	1 - 3	10 - 25	25 - 40	8 - 12	-55 +150		Capillary penetration on pre-assembled parts, fast.
	83-52	M20	0,15 mm	450-650	LT	GREEN	10 - 20	6 - 12	25 - 35	50 - 65	10 - 20	-55 +150		Green, no risk phrases, blank MSDS.
	83-54	M20	0,15 mm	450-650	LT	GREEN	10 - 20	1 - 3	25 - 35	50 - 65	15 - 20	-55 +200		General purpose, high temperature.
	83-55	M20	0,15 mm	450-600	LT	RED/F	10 - 20	1 - 3	25 - 35	50 - 65	15 - 20	-55 +150		Sealant/retainer, for oily surfaces.
	85-56	M56 2"	0,30 mm	2500-4500	LT	BLUE/F	15 - 30	3 - 6	30 - 40	40 - 50	15 - 25	-55 +150		General purpose, medium viscosity.
	86-54	M56 2"	0,30 mm	8000-24000	MT	GREEN/F	15 - 30	3 - 6	40 - 50	45 - 55	15 - 25	-55 +150		High viscosity, fast curing, fill large gaps.
	86-72	M56 2"	0,30 mm	5000-28000	MT	RED	20 - 40	3 - 6	25 - 35	40 - 70	10 - 20	-55 +230	Gas DVGW	High Temperature up to +230°C.