

MLOCK Anaerobic Adhesives are a wide range of Anaerobic Adhesives and Sealants including Thread – and Studlockers, Hydraulic Pipe Sealants, Gasket Sealants and Retaining Compounds to suit a wide range of automotive, agricultural, industrial and precision engineering applications. Our latest generation of oil tolerant anaerobic adhesives cure in the absence of air and in the presence of metal ions and provide excellent mechanical strength as well as chemical, temperature and environmental resistance.



MLOCK Advantages

- Identification Colours
- From Low to High Strength Formulations
- Temperature resistance up to 230°C
- Solvent Free, Oil tolerant Formulations
- PTFE filled versions available
- Cure Speed and Surface Activation Primer available
- Wide Spectrum of different viscosities for Pre – and Postoperative use
- Formulated Products for Special Applications available

MLOCK Thread & Studlocker T14 series are typical anaerobic, fast curing and oil tolerant Thread - and Studlockers and are available from low and removable strength products designed for small threads where vibration loosening prevention and non-leakage through threaded fastening is required, up to high strength formulations for permanent, high temperature and chemical resistant assemblies. The range covers viscosities from a very low level such as Wicking grades for postoperative applications up to very high viscous and thixotropic types which prevent loosening against vibration when used on various types of threads larger than M25 thread size.

MLOCK Sealent S14 series are typical anaerobic, fast curing and oil tolerant Sealants to be used as hydraulic pipe thread sealants as well as for form in-place gaskets. Available from medium viscosities gels up to high viscosity pastes this anaerobic range can be used to seal all types of metal parts against leakage and corrosion with high environmental and chemical resistance to be used for temperature stress up to 230° C. All formulations provide instant low-pressure seal and are resistant to fuel, oil, coolants, and hydraulic fluids.

MLOCK Retainer R14 series are typical anaerobic, fast curing, oil tolerant and high strength, General Purpose Retainers to be used for fixation of structural components under load such as cylindrical parts, keys, splines, structural tubing's (balustrades), sleeves and bearings with a close tolerance fit. Available from low viscosity liquids up to high viscosity pastes the range can be used on metal parts from very close tolerances up to 0,5 mm high gap fill requirements resulting in very high environmental and chemical resistance connections to be used for temperature stress up to 230° C.

MLOCK Activators are Cure Speed and Surface Adhesion promoters for Pre- and Posttreatments.

Series		Thread and Studlocker										Sealants					Retainer				
Product		T14-20	T14-90	T14-22	T14-943	T14-971	T14-972	T14-975	T14-62	T14-70	T14-71	S14-954	S14-910	S14-918	S14-974	S14-977	R14-903	R14-920	R14-938	R14-948	R14-960
Series		T&SWG	T&SWG	T&SHV	T&SHV	T&SMV	T&SVHV	T&SVHV	T&SMV	T&SMV	T&SMV	SHV	SVHV	SVHV	SVHV	SVHV	RLV	RHV	RHV	RMV	RVHV
Strength		Low	Medium	Low	Medium	High	High	High	Medium	Very High	High	Medium	High	Medium	Medium	High	High	High	High	High	High
Viscosity		Wicking Grade	Wicking Grade	High	High	Medium	Very High	Very High	Medium	Medium	Medium	High	Thixotropic Paste	Thixotropic Paste	Thixotropic Paste	Thixotropic Paste	Low	High	High	Medium	Thixotropic Paste
		20-55 mPas	20-55 mPas	900-1500 mPas	1800-3000 mPas	400-600 mPas	4000-14000 mPas	7000 mPas	90-120 mPas	400-600 mPas	500 mPas	1500 mPas	40.000-140.000 mPas	Gel	30.000-50.000 mPas	Gel	100-150 mPas	5000-12000 mPas	2000-3000 mPas	400-600 mPas	Thixotropic Paste
Gap		max. M6	max. M6	max. M20	max. M20	max. M20	Max. M36	max. M80	Medium	max. M20	Medium	0,05-0,25mm	<0,25mm	<0,25mm	0,2-0,5mm	<0,25mm	<0,2mm	<0,2mm	<0,25mm	<0,2mm	<0,5mm
Colour		blue	Green	purple	Blue	Red	Red	Green	Red	Green	Green	Brown	Pink	Red	Orange	Yellow	Green	Green	Green	Green	Silver/grey
Temperature		-55 °C to +150 °C	-55°C to +160 °C	-55 °C to +150 °C	-55 °C to +180 °C	-55 °C to +180 °C	-55 °C to +230 °C	-55 °C to +150 °C	-55 °C to +180 °C	-55 °C to +180 °C	-55 °C to +180 °C	-55 °C to +200 °C	-55 °C to +230 °C	-55 °C to +150 °C	-55 °C to +180 °C	-55 °C to +180 °C	-55 °C to +150 °C	-55 °C to +230 °C	-55 °C to +180 °C	-55 °C to +180 °C	-55 °C to +150 °C
Container sizes	Standard	50 ml Bottle	50 ml Bottle	50 ml Bottle	50 ml Bottle	50 ml Bottle	50 ml Bottle	50 ml Bottle	50 ml Bottle	50 ml Bottle	50 ml Bottle	50 ml Bottle	50 ml Tube	50 ml Tube	50 ml Tube	50 ml Tube	50 ml Bottle	50 ml Tube	50 ml Bottle	50 ml Bottle	50 ml Tube
	Special ¹	10 ml and 250 ml on request																			
Description		Oil tolerant Capillatric Low Strength	Oil tolerant Capillatric Medium Strength	Oil tolerant Thixotropic Low Strength	Oil tolerant Thixotropic Removable Medium Strength	Oil tolerant Permanent Strength High Shock Resistance	Oil tolerant High Strength High Temperature	Oil tolerant High Strength High Gap	PTFE Filled High Shock Resistance	Oil tolerant Very High Strength and Shock Resistance	Oil tolerant High Strength	Fast Curing Medium Strength	Fast Curing High Strength Thixotropic Paste	Fast Curing Medium Strength	Fast Curing Excelent Chemical Resistance	Fast Curing PTFE filled Pipe Sealant	Oil tolerant Low Viscosity High Strength	Oil tolerant High Viscosity High Strength High Temperature	Oil tolerant High Viscosity High Strength	Oil tolerant Medium Viscosity High Strength	Oil tolerant Thixotropic Paste High Strength
		Ideal on Small Threads	Ideal on Small Threads	Universal for Easy Disassembly	Universal for Reassembly QuickFix on passive substrates	Universal High Shock Resistance QuickFix on passive substrates	Universal High Temperature	Large Threads QuickFix on passive substrates	Universal Lubricated	Universal Very High Strength	Passive Substrates QuickFix on passive substrates	Oil tolerant Hydraulic Seal	High Temperature Gasket	Semiflexible Gasket	Hydraulic Gasket	Lubricated Hydraulic Gasket	Retainer Wicking Grade	Thixotropic Retainer High Temperature	Thixotropic Retainer	Universal Retainer	High Gap Fill Retainer

¹MOQ for special container filling process

Function		Activator	Cleaning Agent
Name		A14-649-200	A14-061-400
Colour		Colourless	Colourless
Container sizes	Standard	200ml Spray	400ml Spray
	Special ¹	on request	
Description		Universal Activator for improving the curing speed and adhesion on substrates	Surface Cleaning Agent

¹MOQ for special container filling process