

Rite-Lok™ Anaerobic Adhesives

Threadlocker Anaerobic Adhesives



Properties

- Prevent vibration loosening
- Seal against leakage and corrosion
- Replaces wide variety of traditional and sometimes ineffective vibration proofing methods, reducing cost and increasing performance

Product	Typical Use	Color	Typical Viscosity (cps)	Temperature Range	Time to Handling	Full cure (hours)
TL22	Screwlock – Low removal torque for small fasteners less than a 1/4" (6mm) (HTR*)	Purple	1200	65° to 300°F (-54° to 149°C)	< 20 min.	24
TL42	Nutlock – Medium strength, general purpose (HTR*)	Blue	1200	-65° to 300°F (-54° to 149°C)	< 20 min.	24
TL43	Oil tolerant, medium strength general purpose (HTR*)	Blue	3300	-65° to 300°F (-54° to 149°C)	< 20 min.	24
TL62	Studlock – High strength with controlled torque tension (HHR**)	Red	1600	-65° to 300°F (-54° to 149°C)	< 20 min.	24
TL71	Permanent studlock for bolts and studs up to 1" (25mm) (HHR**)	Red	500	-65° to 300°F (-54° to 149°C)	< 20 min.	24
TL72	High temperature studlock with gap filling for larger diameter coarse threaded parts (HHR**)	Red	7000	-65° to 450°F (-54° to 232°C)	< 20 min.	24
TL77	Heavy duty permanent for fasteners up to 1.5" (38mm) with coarse threads (HHR**)	Red	7000	-65° to 300°F (-54° to 149°C)	< 60 min.	24
TL90	Penetrating adhesive for pre-assembled fasteners and porosity sealing of welds (HHR**)	Green	20	-65° to 300°F (-54° to 149°C)	< 20 min.	24

* Hand tool for removal

**Heat and hand tool for removal

Note: This technical information and data should be considered representative or typical only and should not be used for specification purposes.

Pipe Sealant Anaerobic Adhesives



Properties

- Replace traditional PTFE tapes and dope for thread and pipe sealing
- Seal instantly and will not shred, evaporate, or shrink
- Resist pressure, vibration and temperature cycling, hydraulic fluids, chemicals, oil, fuel, and lubricants

Product	Typical Use	Color	Typical Viscosity (cps)	Temperature Range	Seal to Operating Pressure (hours)
HP45	High pressure sealant for all hydraulic and pneumatic fittings; will not clog valve or filters	Purple	14,000	-65° to 300°F (-54° to 149°C)	4
HP54	Refrigerant sealant with excellent chemical resistance	Red	2500	-65° to 300°F (-54° to 149°C)	4
HP69	High pressure sealant for all fine threaded hydraulic and pneumatic fittings	Brown	500	-65° to 300°F (-54° to 149°C)	4
PS65	General purpose for applications requiring easy disassembly	White	Paste	-65° to 400°F (-54° to 204°C)	4
PS67	Fast curing paste sealant for inactive surfaces such as stainless steel	White	Paste	-65° to 400°F (-54° to 204°C)	4
PS92	High temperature for sealing tapered and parallel threaded components	White	Paste	-65° to 400°F (-54° to 204°C)	4

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Retaining Compound Anaerobic Adhesives



Properties

- Used in the assembly of coaxial components such as bearings, gears, shafts, bushings, pulleys, cylinder liners and rotors
- Increase load bearing characteristics of cylindrical joints, reducing assembly stresses, assembly costs and preventing fretting and corrosion

Product	Typical Use	Color	Typical Viscosity (cps)	Temperature Range	Time to Handling	Full cure (hours)
RT09	For tight tolerances and press fit augmentation	Green	125	-65° to 300°F (-54° to 149°C)	10-30 min.	24
RT20	For assembly of automotive/marine cylinder liners and heat exchanger tubes	Green	7000	-65° to 450° F (-54° to 232°C)	30-40 min.	24
RT35*	High strength for slip fits	Green	2000	-65° to 300°F (-54° to 149°C)	10-60 min.	24
RT40*	Secures all types and sizes of bearings, shafts and cylindrical parts	Green	600	-65° to 400°F (-54° to 204°C)	10-15 min.	24
RT41	Medium strength for disassembly for service and bearing re-use	Tan	600	-65° to 300°F (-54° to 149°C)	15-20 min.	24
RT60	High strength, high viscosity paste	Grey	Paste	-65° to 300°F (-54° to 149°C)	10-30 min.	24
RT80	High strength, high viscosity to bond rigid assemblies	Green	1600	-65° to 300°F (-54° to 149°C)	5-15 min.	24
RT142	Seal core plugs in engines or assembly or repair of loose-fitting parts	Blue	10,000	-65° to 300°F (-54° to 149°C)	5-15 min.	24

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Gasket Maker Anaerobic Adhesives



Properties

- Create formed-in-place gaskets on flanges and housings to eliminate need for large inventories of pre-cut gaskets
- Will not relax or shrink
- Exceptional pressure and solvent resistance

Product	Typical Use	Color	Typical Viscosity (cps)	Temperature Range	Cured Speed Unprimed (Primed)	Cured State
GM04	Instant low pressure seal for gaps to .030"	Orange	Paste	-65° to 300°F (-54° to 149°C)	4 -24 hrs. (30 min.-4 hrs.)	Rigid
GM10	Making or dressing gaskets in rigid assemblies; can be screen printed; high temperature resistance	Red	Paste	-65° to 400°F (-54° to 204°C)	4 -24 hrs. (30 min.-4 hrs.)	Rigid
GM15	General purpose; flexible to withstand vibration	Purple	Paste	-65° to 300°F (-54° to 149°C)	1-12 hrs. (15 min.-2 hrs)	Flexible
GM18	Instant low pressure seal without a primer on mating aluminum flanges	Red	Paste	-65° to 300°F (-54° to 149°C)	4-24 hrs. (30 min.-4 hrs)	Flexible

Anaerobic Adhesives Primers



Product	Typical Use
AC471	Fast-acting surface cleaner and primer for use with all anaerobic adhesives; seven day part life for pre-application
AC649	Acetone-based green primer for inactive or very cold surfaces; 30 day part life for pre-application

For more information and pricing contact

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