

# SONLOK<sup>®</sup> ENGINEERING ADHESIVES

High Performance Anaerobic Adhesives

## SONLOK<sup>®</sup> 3242 Nut Grade Thread Locker



Color	Blue
Gap Fill, mm	0.20
Viscosity, cps	1,200
Fix Time, min	10
Shear Strength, N/mm <sup>2</sup>	8-12
Breakaway Torque, in lb	115
Prevailing Torque, in lb	53
Full Cure, Hours	24
Temperature Range °F	-55 + 300

### Medium Strength, Blue Color

- High viscosity prevents run-off after application.
- Medium strength thread locker, dismantling is possible.
- Meets 90% of all nut and bolt threadlocking applications.

#### Application:

- Ideal for threadlocking plated parts, vibration or moving components.
- Ideal for fasteners between 1/4" and 3/4" (6 to 20mm) diameters.
- Locks and seals threaded joint-nuts, screws and studs.
- Transmission and engine block studs and valve sets.

## SONLOK<sup>®</sup> 3271 Stud Grade Thread Locker



Color	Red
Gap Fill, mm	0.15
Viscosity, cps	500
Fix Time, min	10-20
Shear Strength, N/mm <sup>2</sup>	15-20
Breakaway Torque, in lb	230
Prevailing Torque, in lb	320
Full Cure, Hours	24
Temperature Range °F	-55 + 300

### High Strength, Red Color

- A medium viscosity material that seals against most fluids, gases and chemicals.
- High strength, Permanent and eliminates need for double nutting and welding. Prevents corrosion and leakage.
- Excellent performance on even oily surfaces.

#### Application:

- Ideal for fastener upto 1" (25mm) diameter.
- Fasteners on vibrating machine.
- Transmission and engine block studs and valve sets.

## SONLOK<sup>®</sup> 3565 Pipe Sealant

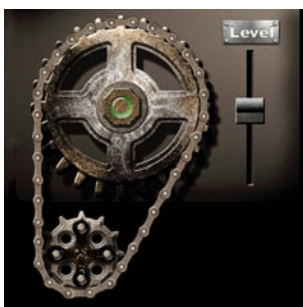


Color	White
Gap Fill, mm	0.75
Viscosity	Paste
Fix Time, min	20-40
Full Cure, Hours	24
Shear Operating Pressure, psi	10,000
Temperature Resistance °F	-65 + 350

### Controlled Strength, TEFLON Filled

- Excellent thixotropic property prevents migration of the sealant before or during curing.
- Ideal to seal water, gases, LPG, Hydrocarbons, Oils and other chemicals.
- Widely used pipe sealant for variety of industrial applications such as Petroleum refining, automotive, gas compression and distribution industries, power plants, chemical processing, textile machinery, waste treatments, paper plants, etc.

## SONLOK<sup>®</sup> 3638 Retaining Grade



Color	Green
Gap Filling, mm	0.20
Viscosity, 25°C Pa.s	2,500
Handling Time, min	2-5
Shear Strength, N/mm <sup>2</sup>	25-30
Locking Torque, N.m Breakaway	30-40
Locking Torque, N.m Prevailing	55-70
Full Cure, Hours	24
Temperature Range °F	-55 + 300

### Maximum Strength, Green Color

- Fast curing, maximum strength retaining compound.
- Ideal where high dynamic forces or cyclic loading is expected.

#### Application:

- Ideal for pulleys, gears sprockets and bearing mount.
- Locks cylindrical assemblies upto 0.010" diameter clearance.