



PRODUCT DATA SHEET

High Strength

RED THREADLOCKER

Anaerobic Adhesive
Stock No. B-20110



BTS Red Threadlocker is a high strength, single-component anaerobic threadlocking adhesive. It locks and seals threaded and press fit assemblies to prevent leakage and loosening due to vibration. It resists oils, glycol & water, transmission fluid & mild acids.

Conforms to MIL-S-46163A, Type I Grade K; ASTM D-5363 AN 0221.

Meets or Exceeds OEM Specs.

V.O.C.: Compliant with all U.S. State and Federal Regulations

PERFORMANCE

Fastener Size: 3/8" to 1" (9.5-25mm)
Torque: Breakaway/Prevail: 140-320 in.-lbs. / 200-440 in.-lbs.
Temperature Range: -65° to 300° F
Viscosity: 500 +/- 200 cPs

Set Time/Full Cure @ 68° F, 65% R.H.*:

Steel: 15 Min./24 Hours
Brass: 15 Min./24 Hours
Zinc-Plated: 20 Min./24 Hours
Stainless Steel: 20 Min./24 Hours

*Rate of cure depends on environmental conditions and substrate materials.

APPLICATIONS

All types of threaded connectors to ensure permanent fixing and sealing, especially high vibration and pressurized application. Excellent for all types of engines & pumps and machinery including crankshaft bearing caps, end plates, head and exhaust studs, engine mounts, fasteners and wheel studs. Not recommended for plastic, or for use in pure oxygen environments and/or oxygen rich systems. It should not be used as a sealant for chlorine or other strong oxidizing materials.

SPECIFICATIONS

Bottle Size: 10mL **Carton Pack:** 12 **Contents:** .34 fl. oz.

PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: >298°F/148°C **Specific Gravity:** (H₂O=1): 1.10
Vapor Density: Not Determined **Evaporation Rate:** Not Determined
Solubility in Water: Not Miscible or difficult to mix.
Appearance/Odor: Red Liquid; Mild Organic Odor
Flash Point: >200° F/93°C **Method Used:** TOC
Fixture & Cure Time: Initial fixture time: Approx. 20 min. Full cure: 24 hours

HMIS RATINGS

Health 2 Reactivity 0
Flammability 1 Personal Protection

All information is subject to change. Not responsible for errors. We recommend you call to verify product specifications before ordering.

Formulating For Professionals for Over 50 Years

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