

**RED THREAD LOCKER****Model #: TR750****TECHNICAL DATA SHEET****PRODUCT DESCRIPTION**

TR750 Red Thread Locker is one-component anaerobic adhesives that cure and seal threaded assemblies that meets a wide range of applications to prevent vibration loosening and/or leakage. TR750 Red Thread Locker is a general purpose, permanent, high strength thread locker that locks bolts and studs up to 1" in diameter as it seals against leakage and corrosion. Designed for securing parts that must withstand heavy shock, vibration, or extreme chemical or environmental conditions

**FEATURES**

Prevents loosening from shock and vibration  
Eliminates vibration issues  
Prevents rusting of threads  
Thixotropic: resists dripping from threads during assembly  
Ideal for all 3/8 inch to 1 inch diameter nut  
Localized heating and hand tools are required to separate parts.

<b>TECHNICAL DATA</b>	
As Supplied – tested	23°C±2°C, RH50%±5%
Aspect	Red Viscous Liquid
Odor	Minimal
Specific Gravity	1.1
Components	1
Base	Methacrylate ester
Application Temperature	°C+10 to +40
Flash Point	>93°C(°F)
Viscosity	500 mPa.S
Setting Time	6 min
Cure Time	24 hours
Fastener Size Range	3/8"- 1"
Maximum thread size	Up to M20
Temperature Range	-65°F to 300°F (-54°C to 155°C)
Breakaway Torque	22 N.M
Prevail Torque	32 N.M
Gap Filling	0.13 mm

**APPLICATIONS**

Ideal for all 3/8" to 1" diameter nut and bolt assemblies where future disassembly is improbable. High strength thread locker for heavy duty applications. Localized heating and hand tools are required to separate parts.

**APPLICATION LIMITS**

TR750 Red Thread Locker is not adapted to structural fitting and following situations:

1. Nut and bolt's size larger than 1" (25 mm)
2. Not recommended for use in piping systems that contain pure oxygen or an oxygen-rich environment, chlorine, or strong oxidizing substances.

3. Not recommended for use on most plastics due to potential cracking of plastic parts.
4. It is recommended to confirm compatibility of the product with special or unknown substrates.
5. We recommend that each prospective user test its proposed application before use
6. Interstate Pneumatic cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated.

## **HOW TO USE**

APPLICATION TEMPERATURE: +5°C to +45°C

1. For best results, clean all surfaces (external and internal with a suitable cleaning solvent and allow to dry).
2. Shake the product thoroughly before use.
3. For Thru Holes, apply several drops of the product onto the bolt at the nut engagement area. For Blind Holes, apply several drops of the product down the internal threads to the bottom of the hole.
4. Assemble and tighten as required.

## **SHELF LIFE**

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and 27°C. Optimal Storage: 8°C to 21°C. Storage below 8°C or greater than 28°C can adversely affect product properties. Material removed from containers may be contaminated during use. Do not return product to the original container.

## **COLOR**

Red

Different Color Available

## **PACKAGE**

Plastic Bottle: 50ml

## **NOTES FOR SAFE OPERATION**

Keep out of reach of children. Place shall be well ventilated. Don't let the product sealant touch your eyes. If it accidentally goes into your eyes, wash your eyes with rinsing. When using detergent, the corresponding specification shall be accorded to. Before operation, please carefully read the specifications of products and material, and instructions on the package of container.

**Remark:** The directives contained in this documentation are the result of our experiment and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.