INTERSTATE
PNEUMATIC MANUFACTURING

BLUE THREAD LOCKER Model #: TB750

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

TB750 Blue Thread Locker is a single component, anaerobic liquid that cures when confined in the absence of air between close fitting metal surfaces.
TB750 Blue Thread Locker is a medium strength anaerobic thread locking material, which cures between engaged threads to form a unitized assembly that resists virtually all leakage, shock and vibration.
TB750 Blue Thread Locker is an all-purpose, medium strength, thread locker. Ideal for all nut and bolt applications 1/4" to 3/4" (6 mm to 20 mm). Eliminates the need for stocking expensive locknuts and lock washers.

FEATURES

Reduce product assembly cost
No curing outside of joint
Ideal for all 1/4 inch to 3/4 inch diameter nut
Remove with normal tools
Can be adjusted or disassembled
Cures without cracking or shrinking
No torque compensation required during assembly

TECHNICAL DATA	
As Supplied – tested	23°C±2°C, RH50%±5%
Aspect	Blue 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	1200 mPa.S
Setting Time	6 min
Cure Time	24 hours
Thread Filling	1/4″- 3/4″ (6mm - 20mm)
Gap Filling	0.13mm
Temperature Range	-65°F to 350°F (-54°C to 177°C)
Breakaway Torque	12 N.M
Prevail Torque	5 N.M
Chemical Resistance	Excellent

APPLICATIONS

TB750 Blue Thread Locker is a medium strength locking and sealing grade, developed for key fits, Suitable for applications on less active substrates such as plated surfaces, where disassembly with hand tools is required for servicing.
Used on valve cover bolts, water pump and oil pan bolts, drive shaft bolts, rocker arm adjustment nuts, carburetor studs and axle cover screws, etc.

APPLICATION LIMITS

TB750 Blue Thread Locker is not adapted to structural fitting and following situations:

1. Nut and bolt's type less than 1/4"(6 mm) or larger than 3/4" (20 mm)
2. Use on plastic parts, particularly thermoplastic materials where stress cracking of the plastic could result
3. Use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials
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

Blue
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.