

BLUE MEDIUM STRENGTH THREADLOCKER PART NO. 146819

PHYSICAL PROPERTIES

Uncured

Chemical Type Anaerobic
Color Blue
Viscosity @ 25°C, cPs Brookfield RVT
Spindle 3 @ 20 rpm 900-1500
Toxicity Low
Specific Gravity 1.07
Shelf Life @ 40°F 1 year unopened
Product Conforms to MIL-S-46163A,
..... ASTM D-5363, NSF

Cured

Fixture Time 15-20 min @ 72°F
Full Cure Time 24 hrs @ 72°F
Service Temperature Range -60°F to 300°F
..... -51°C to 150°C
Breakaway Strength:
3/8" Plain Steel nut and bolt @1hr 50-150 lb_F-in
3/8" Plain Steel nut and bolt @24hr ... 75-150 lb_F-in
3/8" Zinc nut and bolt @24hr 60-100 lb_F-in



DESCRIPTION

Dynatex® Blue Medium Strength Threadlocker is a medium strength anaerobic threadlocking material, which cures between engaged threads to form a unitized assembly that resists virtually all leakage, shock and vibration. The product is a single component, anaerobic liquid that cures when confined in the absence of air between close fitting metal surfaces. Ideal for all ¼ inch to ¾ inch diameter nut and bolt assemblies. Fills gaps up to .006 inches. Applied prior to assembly. Eliminates need for stocking lock nuts and lock washers. Excellent chemical resistance with a temperature resistance range of -60°F to 300°F (-51°C to 150°C). Easily removable with hand tools for servicing requirements. Protects against thread corrosion.

FEATURES

- No mixing
- No curing outside of joint
- Eliminates vibration issues
- Seals against leakage
- Can be adjusted or disassembled
- Cures without cracking or shrinking
- Prevents rusting of threads
- No torque compensation required during assembly

TYPICAL APPLICATIONS

- Cup and core plugs
- Starter mounting bolts
- Alternator mounting bolts
- Oil pan bolts
- Intake manifold bolts
- Drive shaft bolts
- Pulley bolts
- Valve cover bolts and more....

Packaging

Colors: Blue

Size: 1.8ml Bagged Bullet

CHEMICAL RESISTANCE

Shear strength values after 1000 hours.

	Typical Values
Heat age @ 150°C	100%
Engine oil @ 150°C	100%
Brake fluid @ 150°C	100%
ATF @ 150°C	85%
50/50 water/ethylene glycol @ 120°C	80%
Water @ 100°C	80%
Gasoline @ 25°C	95%
Diesel fuel @ 25°C	100%
Ethyl Alcohol @ 25°C	95%

GENERAL INSTRUCTIONS

Surfaces to be bonded should be clean and dry and free of grease.

Product should be applied in enough quantity to fill all engaged threads. The product performs best in thin bond gaps. Very large gaps may create gaps, which will affect the cure speed and overall strength. Good contact is essential. An adequate bond develops in 15 to 45 minutes and maximum strength is attained in 24 hours.

This product is not recommended for use in pure oxygen environments and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

This product is not designed for plastics, particularly thermoplastics where stress cracking of the plastic could result. It is recommended to confirm compatibility of the product with all substrates prior to use.

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), *Dynatex® Blue Medium Strength Threadlocker* has a shelf life of 12 months from date of shipment.

In Countries where high heat and humidity are a factor, special precautions must be taken. Store product in a covered, well-ventilated warehouse and avoid excessive heat conditions. Storage in high heat, high humidity conditions may reduce shelf life by up to 30%. Rotation of stock is an absolute necessity. Cartons should always be stacked upright. DO NOT stack cartons on their side. **NEVER** stack cartons more than 8 high. DO NOT store within 1 meter (4 feet) of roofline of the warehouse or storage building.

USERS PLEASE READ

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made.

It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application.

Likewise, if the application, product specifications or manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

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