

BLUE MEDIUM STRENGTH THREADLOCKER GEL PART NO. 146821

PHYSICAL PROPERTIES

Liquid

Resin	Modified acrylate
Color.....	Blue
Viscosity.....	Gel
Fixture Speed w/Primer.....	<5
Fixture Speed w/o Primer.....	5-10 min @ 77°F
Gap Fill	0.015"
Specific Gravity)	1.1

Cured

Typical Breakaway Strength	3/8 Phos-oil
.....	100 – 130 lb-ins
Typical Prevailing Strength	3/8 Phos-oil
.....	40 – 60 lb-ins
Service Temperature Range	-65°F to 300°F
Full Cure Time.....	24 hours @ 68°F



DESCRIPTION

Dynatex® Blue Medium Strength Threadlocker Gel 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 gel that cures when confined in the absence of air between close fitting metal surfaces. Ideal for all 1/4 inch to 1 inch diameter nut and bolt assemblies. Excellent chemical resistance with a temperature resistance range of -65°F to 300°F. *Dynatex® Blue Medium Strength Threadlocker Gel* is easily removable with hand tools for servicing requirements. Protects against thread corrosion.

FEATURES

- Good temperature and solvent resistance against water and non-polar solvents
- Cures rapidly on plated, oily metal surfaces or inactive surfaces
- Locks and seals fasteners from 1/4" to 3/4"
- Disassembly with standard hand tools

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: 6ml Tube Carded

ENVIRONMENTAL RESISTANCE

Sheer strength values after 1000 hours.

Solvent Retained	%Strength
Heat age @ 150°C	100%
Engine oil @ 150°C	100%
Brake Fluid @ 150°C	95%
ATF @ 150°C	85%
50/50 water/ethylene glycol @ 120°C	85%
Water @ 100°C	85%
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.

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STORAGE AND SHELF LIFE

Dynatex® Blue Medium Strength Threadlocker Gel should ideally be stored in a cool, dry location in unopened containers. Product can be refrigerated for improved shelf life but should be brought back to room temperature before use. DO NOT store within 1 meter (4 feet) of roofline of the warehouse of storage building. *Dynatex® Blue Medium Strength Threadlocker Gel* has a shelf life of 12 months from date of shipment

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