

# Dynatex®

## Threadlocker GELS

Dynatex Gel Threadlocker is an anaerobic thread locking adhesive for all types of metal, threaded fasteners. Cured performance shows controlled strength with good temperature and solvent resistance against water and non-polar solvents. This product cures on plated, oily metal surfaces or inactive surfaces.

Dynatex Blue Medium Threadlocker Gel is a medium strength anaerobic threadlocker material that resists virtually all leakage, shock and vibration. Ideal for all 1/4" to 3/4" diameter nut and bolt assemblies for disassembly with regular tools. Excellent chemical resistance with a temperature resistance range -75°F to 300°F (-59° to 149°C) Fixture tight in minutes.



**DESCRIPTION:** Blue Threadlocker Gel 6ml Tube Carded  
**ITEM #** 49447  
**PART #** 146821  
**CASE QTY:** 12

Dynatex Red High Strength Threadlocker Gel is a high strength anaerobic threadlocker material that resists virtually all leakage, shock and vibration. Ideal for all 1/4" to 1" diameter nut and bolt assemblies where future disassembly is improbable. Excellent chemical resistance with a temperature resistance range -75°F to 300°F (-59° to 149°C) Fixture tight in minutes.



**DESCRIPTION:** Red Threadlocker  
Gel 6ml Tube Carded  
**ITEM #** 49457  
**PART #** 146822  
**CASE QTY:** 12



**Typical Applications** Replaces lock washers and plastic inserts. Locks machine tool access bolts, studs, and hydraulic system bolts. Used on gear box bolts/drive shaft, bearing cover cap screws, counter sunk screws, conveyor roller bolts and construction equipment.

1st Ayd Corporation • 1325 Gateway Dr.  
Elgin, IL 60124 • (847) 622-0001

Visit us @ [1stAyd.com](http://1stAyd.com)

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CORPORATION

# Dynatex®

**BLUE**  
MEDIUM STRENGTH  
**Threadlocker**  
**Gel**

**RED**  
HIGH STRENGTH  
**Threadlocker**  
**Gel**

## Technical Features

Resin: Modified acrylate  
Color: Blue  
Fixture Speed w/Primer: < 2 minutes  
Fixture Speed w/o Primer: 5-10 min@ 77°F  
Viscosity: Gel  
Gap Fill: 0.015"  
Max. Operating Temp: -65°F to +300°F  
Specific Gravity: 1.1

Cured Performance  
Full Cure Time: 24 hours @ 68°F  
Typical Breakaway Strength:  
3/8 Phos-oil 100 – 130 lb-ins  
Typical Prevailing Strength:  
3/8 Phos-oil 40 – 60 lb-ins

Environmental and Fluid Resistance  
(Shear strength values after 1,000 hours.)  
Typical Values  
Heat age @ 150oC 100%  
Engine oil @ 150oC 100%  
Brake fluid @ 150oC 95%  
ATF @ 150oC 85%  
50/50 water/ethylene glycol @ 120oC 85%  
Water @ 100oC 85%  
Gasoline @ 25oC 95%  
Diesel fuel @ 25oC 100%  
Ethyl Alcohol @25oC 95%

Color coded blue and once cured, it seals and vibration proofs the assembly, giving controlled break loose and prevailing torque. When force is applied, the parts break loose (first movement) but it will take several turns before the cured film will stop resisting the turning action, thus ensuring against accidental component disassembly.

## Technical Features

Resin: Modified acrylate  
Color: Red  
Fixture Speed w/Primer: < 2 minutes  
Fixture Speed w/o Primer: 5-10 min@ 77°F  
Viscosity: Gel  
Gap Fill: 0.015"  
Max. Operating Temp: -65°F to +300°F  
Cured Performance

Full Cure Time: 24 hours @ 68°F  
Typical Breakaway Strength:  
3/8 Phos-oil 150 – 300 lb-ins  
Typical Prevailing Strength:  
3/8 Phos-oil 100 – 350 lb-ins

Environmental and Fluid Resistance  
(Shear strength values after 1,000 hours.)  
Typical Values  
Heat age @ 150oC 100%  
Engine oil @ 150oC 100%  
Brake fluid @ 150oC 90%  
ATF @ 150oC 85%  
50/50 water/ethylene glycol @ 120oC 85%  
Water @ 100oC 85%  
Gasoline @ 25oC 95%  
Diesel fuel @ 25oC 100%  
Ethyl Alcohol @25oC 95%

Color coded red and once cured, seals and vibration proofs the assembly, giving controlled break loose and prevailing torque. When force is applied, the parts break loose (first movement) but it will take several turns before the cured film will stop resisting the turning action, thus ensuring accidental component disassembly.