



Product Description

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

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.

Instructions for Use

Ensure parts are clean, dry and free from oil and grease.

Procedure for Application

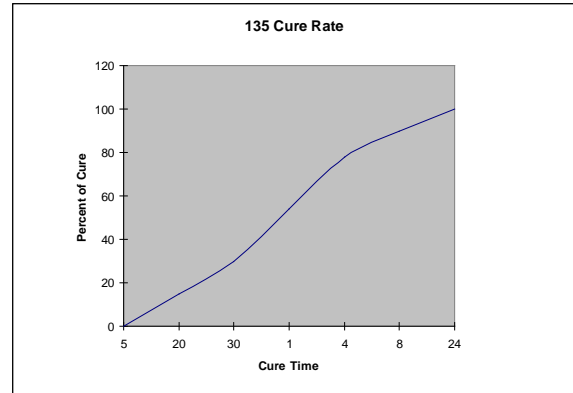
Product is normally hand applied from the bottle onto threaded parts.

Technical Features

Resin: Modified acrylate
Color: Red
Fixture Speed w/o Primer: 5-10 min @ 77°F
Viscosity: Gel
Gap Fill: 0.0015"
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)

	Typical Values
Heat age	100%
Engine oil @ 150°C	100%
Brake fluid @ 150°C	90%
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%

Presentation

Pump Bottles.....35 ml

General Information

Storage

Product should be stored in a cool and dry location at temperatures between 14°F (-10°C) to 86°F (30°C). Shelf life is 2 years from date of manufacture when stored at 72±8°F (22±4°C).

Note

Damn Good Permanent is 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.