

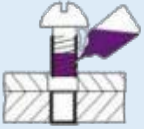







HiGlue Liquid thread sealant adhesive

Product Application

Threadlocker is a thin, single-component adhesive, applied to the threads of fasteners such as screws and bolts to prevent loosening, leakage, and corrosion.

Typically, threadlockers are methacrylate-based, and cure anaerobically. Thread-locking fluid is a thixotropic fluid: under shear stress, it exhibits a time-dependent decrease in viscosity. This allows it to flow well over time, yet still resist short-duration shearing, as in vibration or shock.

Medium, Low strength	222、 242、 243
High strength	262、 271、 272、 277
Wicking grade	290

222 Purple		Low strength, easy to disassemble, thixotropic viscosity. Suitable for M≤6 thread lock seal. Typical use: locking and sealing with cross head, straight head and small screws.
242 Blue		Medium strength, general, thixotropic viscosity, removable. Used for M6 ~ M36 thread locking and sealing and strengthening key pin holding. Typical use: screw and nut locking.
243 Blue		Medium strength, good oil tolerance, can be used on slightly oily surfaces. Can be used for inert surface, fast curing, for M≤20 thread locking and sealing. Typical use: oil tank bottom shell screws that need to be removed frequently.
262 Red		Medium high strength, thixotropic viscosity, excellent chemicals resistance. Apply to most metal surface, Used for M≤20 thread locking and sealing. Typical use: engine thread lock and seal, can withstand strong vibration.
271 Red		High strength, medium viscosity. Used for M≤36 thread locking and sealing. Typical use: cylinder head stud bolts screwed in and locked.
272 Orange		High strength, high temperature resistance (230 °C) Used for thread locking and sealing at high temperature. Typical use: suitable for cylinder head stud locking at high temperature.
277 Red		High strength, high viscosity, excellent chemical resistance, suitable for active metal surfaces Used for M≤56 thread locking and sealing and flange sealing, replacing gasket. Typical use: suitable for locking and sealing of large-scale threads.
290 Green		Medium strength, low viscosity, high permeability, fast curing, suitable for inert surfaces. Used for locking and sealing pre-assembled bolts M2 ~ M12 thread. It can be used to seal welds, casting trachoma, etc. (φ0.10 or less) micro-holes, trachoma, can be applied with brush. Strengthen the strength and sealing of pressure assembly.