

ADHESIVE



72 RED™

HIGH Temperature THREADLOCKER

ADHESIVE R&D®'s anaerobic adhesives and sealants represent the latest generation in anaerobic chemistry. Anaerobic threadlockers remain liquid when they are exposed to the oxygen in air, but in the lack of air, (or anaerobic environment) these products quickly polymerize and fill the inner space between the surfaces. In a continuous quest to improve the performance of anaerobic adhesive's and sealants, ADHESIVE R&D® works with leading edge engineers to push the chemistry forward, to increase cure speeds and bond strengths, and to design products that are able to cure on contaminated or inert surfaces and yet remain stable without special handling.

Physical Properties

Composition Anaerobic Methacrylates
Color Red
Fluorescence Under Blue Light
Viscosity 6500-12,000 cps
Specific Weight 1.05
Flash Point >100°F
Solvent Content None
Shelf Life @ 72°F 2 years

Curing Properties

Handling 30 minutes
1hr_ 50% full cure strength
Functional Cure Time 2-4 hours
Full Cure 8-10 hours
Locking Torque*
Breakaway 300-400 inch lb's
Prevailing 400-430 inch lb's
Temperature Range + 200°C

72 RED™ is a very high viscosity, thixotropic, high strength threadlocker. Like all plastics, it softens at high temperatures; however, it has excellent high temperature resistance, and will provide some strength, even over 500 F. It can be used on large fasteners, where a high break away torque is desired. Because it is high in viscosity, **72RED™** will not run out of the joint before it cures, and can be used in applications requiring good gap filling abilities.

* Per ASTM D5363 Specification.
3/8-16 plain finish cap screws and nuts.
Larger fasteners will increase surface area and breakaway torque..

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Rev 07/2015