



43 Blue™

Thread Locker MED STRENGTH

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.

43 Blue™ is a medium viscosity (Thixotropic)/ medium strength thread locker for all types of metal fasteners. **43 Blue™** is a more oil resistant product that allows for future disassembly of parts using hand tools and moderate effort.

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

Physical Properties

Composition Anaerobic Methacrylates
Color Blue
Viscosity 1500-5500 cps
Specific Weight 1.05
Flash Point >100°F
Solvent Content None
Shelf Life @ 72°F 2 years

Curing Properties

Handling 20-30 minutes
Functional Cure Time 1-2 hours
Full Cure 8-10 hours
Locking Torque*
Breakaway 150-200 inch lb's
Prevailing 80-100 inch lb's
Temperature Range 150°C

the conditions of safe use of this product. The buyer should conduct its own tests of this product before use to determine proper preparation technique and suitability for proposed application. ADHESIVE R&D, Inc. warrants that the product conforms with ADHESIVE R&D's written specifications, and is free from defects and disclaims all other warranties, expressed or implied and is not responsible for loss claim of damages resulting from the use of it's products.

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