



44 BLUE™

Medium Strength Maximum Thread Wetting

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.

44 Blue™ is a highly thixotropic medium strength Threadlocker, and sealant. It has excellent thread wetting capabilities, and its thixotropic nature keeps it in place until cured, filling the inner space, and providing reproducibility, and reliability. **44 Blue™** was designed specifically for its thread wetting properties, and to satisfy a market need for medium strength and gap filling capabilities superior to the old standard Mil-Spec Version. **44 Blue™** addresses applications where larger fasteners, or larger gaps need to be filled, and superior thread wetting is required.

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

We believe the information contained herein is current and accurate as of this date of this Technical Data Sheet. Since the use of this information and these opinions and the conditions of use of this product are not under the control of ADHESIVE R&D, Inc. or its agents or distributors, it is the user's obligation to determine 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 its products.
Rev 01/2014

Physical Properties

Composition Anaerobic Methacrylates
Color Blue
Fluorescence Under Blue Light
Viscosity 4000-50,000 cps
Specific Weight 1.05
Flash Point >100°F
Solvent Content None
Shelf Life @ 72°F 2 years

Curing Properties

Handling 20 minutes
2 hours 50% full cure strength
Functional Cure Time 2-4 hours
Full Cure 24 hours
Locking Torque*
Breakaway 100-200 inch lb's
Prevailing 50-80 inch lb's
Temperature Range 150°C