

Product Description

Vibra-Tite 134 is a high strength, lubricious, thixotropic, heavy-duty, anaerobic locking material that maintains consistent performance through its recommended temperature range. This high strength threadlocker has been uniquely formulated to have high lubricity. Vibra-Tite 134 is designed for locking threaded fasteners that require disassembly with standard hand tools. The product performs on aluminum, steel, plated parts, stainless steel, and special alloy parts. Vibra-Tite 134 exhibits good temperature and solvent resistance.

Typical Applications

Vibra-Tite 134 will lock and seal fasteners and set screws. Vibra-Tite 134 is used in applications where shock and vibration may cause the fastener to loosen.

Properties of Uncured Material

Chemical Type	Methacrylic Ester
Cure Type	Anaerobic
Secondary Cure	Activator
Percent Solids	100
Color	Black
Viscosity @25°C	3000 cP
Specific Gravity	1.1
Application	Threadlocking

1. Brookfield RVT Spindle 3, 20rpm

Performance of Cured Material

Typical Values (M10-1.5 Steel test bolt)

Strength	High
Operating Range	-51°C to 150°C (-60°F to 300°F)
Fixture Time	20 minutes
Breakaway Torque	25-28 Nm (225-250 in*lbs)
Prevailing Off Torque	26-30 Nm (230-260 in*lbs)
Thread Friction Coefficient (M10 Zn)	0.13

Instructions for Use

For best results, ensure parts are clean, dry and free from oil and grease. Anaerobic adhesives cure in the presence of metal and the absence of oxygen. Residual adhesive outside of the bond area will remain liquid and is not indicative of product failure. For optimal performance, allow the material to cure for at least 24 hours prior to use when possible.

Compatible Primers

Primers such as Vibra-Tite Excel 611 (Primer N) or Excel 612 (Primer T) can be used to speed the fixture time of the adhesive. Fixture times can improve by as much as 50%. The use of primers can result in lower strength and performance should be tested after full cure.

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). Storing above this temperature will result in a lower shelf life.

Shelf life of this product is 6 months when storing in quantities ≥ 2 liters. Refrigerate the material or download the material into smaller containers to extend the shelf life.

Note

Vibra-Tite 134 is recommended for threaded components under 1" in diameter. Components can be disassembled using conventional hand tools. It is color coded red and once cured, seals and vibration proofs the assembly giving controlled breakaway and prevailing torques.

Product conforms to MIL-S-46163A, ASTM D-5363, NSF.

Health & Safety in use

IRRITANT: Contains Methacrylate Esters which may irritate eyes, respiratory organs and skin. In case of contact with the skin, wash immediately with plenty of water.