LOCTITE®

ELIMINATE LOOSENING AND LEAKAGE. PREVENT FAILURE WITH LOCTITE® 603™

TRADITIONAL METHODS FOR FASTENING CYLINDRICAL PARTS CAUSE LOOSENING AND LEAKAGE. LOCTITE® 603™ CAN HELP.

With infinite microscopic imperfections that exist on even the most precisely machined surfaces, cylindrical parts are at high risk for loosening and leaking. Interference fits typically have only 20-40% effective contact area, which is limited to the peaks left behind by machining processes. Micro-movement during dynamic loading can shear these away, allowing the joint to fail. Fixing these failures not only causes downtime, but is expensive.

Designed for assembling press and slip parts, LOCTITE® 603™ anaerobic retaining compound fills the 'inner space' between components and cures to form a strong precision assembly. Reducing the need for additional securing components and elaborate assembly methods, LOCTITE® can reduce your maintenance costs and create increased reliability.

BENEFITS OF LOCTITE® 603™:

1. Locks against shock and vibration
2. Increases shear strength, creating stronger assemblies
3. Seals against corrosion and leakage
4. Prevents ingress of moisture and other corrosive elements
5. Reduces inventory and maintenance costs – all with one bottle

PREVENT FREQUENT BEARING FAILURE.
ACHIEVE 100% RELIABILITY OF YOUR CYLINDRICAL ASSEMBLIES.

The highest strength retaining compound with a fast cure speed, created for reliability.

LOCTITE® 603™ RETAINING COMPOUND HIGH STRENGTH

IDH: 142442 – 50 ml

IDH: 142443 – 250 ml

Features: Fluorescent, oil tolerant, primerless, high strength works on active metals and passive substrates

Disassembly: Standard hand tools

LOCTITE® 603™ PROPERTIES CHART

Color	Chemical Type	Viscosity	Shear Strength, Steel	Temperature Range	Fixture Time / Full Cure
Green	Methacrylate ester	125.0 MPA·S (CP)	26.0 N/MM² (3770.0 PSI)	-55.0 °C - 150.0 °C (-65.0 °F - 300.0 °F)	10.0 MIN.

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