

JET-LOK® TL-42

REMOVABLE NUTLOCK

Medium-Strength, General-Purpose Thread Locker



DESCRIPTION

TL-42 Medium-Strength Threadlocker is the most widely used general-purpose, removable, medium-strength product. It will hold all metric and imperial or conventional sized nuts and bolts, meeting the requirements of over 80% of fastening applications. **TL-42** does not run off or drip and does not migrate after assembly. Once applied, parts slip together easily, lubricated by the adhesive.

APPLICATIONS

Replaces lock washers and plastic inserts. Locks machine tool access bolts, studs, and hydraulic system bolts. Used on gear box bolts/drive shaft, bearing cover cap screws, counter sunk screws, conveyor roller bolts and construction equipment.

GUIDELINES

Using **TL-42** threadlocker is easy; the product is color coded blue and once cured, seals and vibration proofs the assembly, giving controlled breakloose and prevailing torques. Disassembly of parts is accomplished with conventional tools. When force is applied, the parts break loose (first movement) but it will take several turns before the cured film will stop resisting the turning action, thus ensuring against accidental component disassembly.

PROPERTIES

Controlled torque tension. Easily removed with conventional tools. Thixotropic nature prevents runoff on application and migration after assemblies.

TECHNICAL FEATURES

Resin Type	Methacrylate
Color	Blue
Cure Speed with Activator	<5 minutes
Cure Speed w/o Activator	20 minutes
Viscosity (Thixotropic)	1000 - 5000cps
Gap Fill	.005"
Flash Point	>212°F
Shelf Life	12 months
Specific Gravity	1.1
Operating Temperature	-65°F (-54°C) to 300°F (148°C)
VOC	49.2 g/L
Conforms to	MIL-S-46163A Type II, Grade N MIL-S-22473E Letter Grade CVV

CURED PERFORMANCE

Full Cure Time	24 hours
Typical Breakaway Strength	100 - 200 in-lb
Typical Prevailing Strength	30 - 60 in-lb

HEALTH & SAFETY IN USE

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

PACKAGING

Code No.	Container Size
55165	10 ml
55166	50 ml
55167	250 ml

LIMITED WARRANTY

Jet-Lube, Inc. makes the Limited Express Warranty that at the date of delivery this product shall be free from defects in Jet-Lube, Inc. materials and workmanship.

This Limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube, Inc.

The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube, Inc. shall not be liable for incidental or consequential damages.

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