

JET-LOK[®] TL-77

PERMANENT NUTLOCK

High-Strength, Heavy-Duty Threadlocker

DESCRIPTION

TL-77 Heavy-Duty Permanent Threadlocker/Sealant is a general-purpose adhesive for larger diameter or coarser permanent threaded assemblies. **TL-77** locks 1" and larger diameters, sealing against leakage and corrosion. It is chemical resistant, resisting fuels, lubricants, and most industrial liquids and gases.

APPLICATIONS

TL-77 eliminates double nutting and/or welding of critical assemblies. Using **TL-77** permits reduced casting thickness, and eliminates cracked castings due to interference fit stresses. It is recommended for larger diameter studs with coarse threads, and can be used to reclaim worn stud holes. For larger gaps or sloppy-fitting parts, primers are advisable.

GUIDELINES

Using **TL-77** is easy; it is color-coded red to assist in selection. Because of its chemical resistance, it is ideal in applications such as a sealant for refrigeration plants, air conditioning, petro-chem plants and process equipment using corrosive chemicals.

PROPERTIES

Fast acting securing compound, giving retention strength, vibration proofing, typically in the range of 3000 psi (shear).

TECHNICAL FEATURES

Resin Type	Methacrylate
Color	Red
Cure Speed with Activator	15 minutes
Cure Speed w/o Activator	60 minutes.
Viscosity (Thixotropic)	6000 - 8000 cps
Gap Fill	.010"
Flash Point	>212°F (100°C)
Shelf Life	12 months
Specific Gravity	1.1
Operating Temperature	-65°F (-54°C) to 300°F (148°C)

CURED PERFORMANCE

Full Cure Time	24 hours
Typical Breakaway Strength	250 - 350 in-lb
Typical Prevailing Strength	200 - 300 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
55366	50 ml
55367	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.

CORPORATE LOCATIONS

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