

PRODUCT DESCRIPTION

IMG® Medium Strength Blue Threadlocker is a medium strength anaerobic threadlocking material, which cures between engaged threads to form a unitized assembly that resists virtually all leakage, shock and vibration. The product is a single component, anaerobic liquid that cures when confined in the absence of air between close fitting metal surfaces. Ideal for all ¼ inch to ¾ inch diameter nut and bolt assemblies. Fills gaps up to .006 inches. Applied prior to assembly. Eliminates need for stocking lock nuts and lock washers. Excellent chemical resistance with a temperature resistance range of -65°F to 302°F. Easily removable with hand tools for servicing requirements. Protects against thread corrosion.

Typical Applications

- Cup and core plugs
- Starter mounting bolts
- Alternator mounting bolts
- Oil pan bolts
- Intake manifold bolts
- Drive shaft bolts
- Pulley bolts
- Valve cover bolts and more

FEATURES

- No mixing
- No curing outside of joint
- Eliminates vibration issues
- Seals against leakage
- Can be adjusted or disassembled
- Cures without cracking or shrinking
- Prevents rusting of threads
- No torque compensation required during assembly

DIRECTIONS FOR USE

Surfaces to be bonded should be clean and dry and free of grease.

Product should be applied in enough quantity to fill all engaged threads. The product performs best in thin bond gaps. Very large gaps may create gaps, which will affect the cure speed and overall strength. Good contact is essential. An adequate bond develops in 15 to 45 minutes and maximum strength is attained in 24 hours.

This product is not recommended for use in pure oxygen environments and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

This product is not designed for plastics, particularly thermoplastics where stress cracking of the plastic could result. It is recommended to confirm compatibility of the product with all substrates prior to use.

COLOR

Blue

GENERAL INFORMATION

SETTING TIME (68°F, 65% R.H.)

Substrate	Set time/Full cure
Steel	10 min/24 hrs
Brass	15 min/24 hrs
Zn Dichromate	20 min/24 hrs
Stainless Steel	20 min/24 hrs

PERFORMANCE OF CURED MATERIALS

Bond strength after 24 hours at 68°C to 77°C on steel nuts and bolts

	Average Value	Range
Breakaway Torque	125 in. lbs.	100-150 in. lbs.
Prevailing Torque	70 in. lbs.	35-100 in. lbs.

SHIPPING INFORMATION

Barcode	Packaging	Net Volume
817830010334	Carded Tube	0.2 fl. oz
Net Weight	Per Case	Case Weight
6 ml	12	254 g
Case Length	Case Width	Case Height
8.5"	3.5"	5.5"
Cases/Pallet*	Pallet Height*	Pallet Weight*
	"	lbs

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), IMG® Medium Strength Blue Threadlocker has a shelf life of 12 months from date of shipment.

NOTE

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