

Higlue 243 Threadlocker

Technical Data Sheet
Jiangxi Gooz Adhesive Co.,Ltd

Product name:HiGlue 243 threadlocker
Producer:Jiangxi Gooz Adhesive Co.,Ltd
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PRODUCT DESCRIPTION:

Higlue 243 is a medium strength blue threadlocking adhesive that seals and secures metal nuts and bolts to prevent loosening due to shock and vibration.

Higlue 243 is a general purpose threadlocker that provides a medium strength bond. Higlue 243 works on all metals, including passive substrates such as stainless steel, aluminum and plated surfaces. It is proven to be tolerant of minor contamination due to industrial oils, e.g., motor oils, corrosion prevention oils and cutting fluid.

- Prevents loosening on vibrating assemblies, e.g. pumps, gear boxes or presses
- Works on all metals, including passive substrates (e.g. stainless steel, aluminum, plated surfaces)
- Proven to tolerate minor contamination by industrial oils, e.g. motor oils, corrosion prevention oils and cutting fluids
- Permits disassembly with hand tools for servicing

PRODUCTION INFORMATION:

Model	Higlue 243
Color	Blue
Fixture Time	10.0 min.
Applications	Threadlocking
Key Characteristics	Disassembly: Removable, Fluorescent, General Purpose, Oil Tolerant, Primerless, Strength: Medium Strength, Thixotropic
Operating Temperature	-54.0 - 150.0 °C

Prevail Torque, M10 Steel Nuts/Bolts	5.0 N·m (40.0 in./lb.)
Substrates	Metal, Metal: Passive Metal
Viscosity	1,300~3,000 mPa·s (cP)
Capacity	10ml 50ml 250ml
Cure Type	Anaerobic Cure

DIRECTIONS FOR USE:

For Assembly

1. For best results, clean all surfaces (external and internal) with a cleaning solvent and allow to dry.
2. To accelerate cure speed or where large gaps are present, use activator and allow to dry.
3. For Slip Fitted Assemblies, apply adhesive around the leading edge of the pin and the inside of the collar and use a rotating motion during assembly to ensure good coverage.
4. For Press Fitted Assemblies, apply adhesive thoroughly to both bond surfaces and assemble at high press on rates.
5. For Shrink Fitted Assemblies, the adhesive should be coated onto the part to produce a smooth, even film of material. If heating the hub for assembly, coat the pin. If the pin is to be cooled for assembly, coat the hub. If both heating and cooling is to be done, apply material to cooled part. Avoid condensation on cooled parts.
6. Parts should not be disturbed until sufficient handling strength is achieved.

For Disassembly

1. Remove with standard hand tools.
2. If needed, apply localized heat to the assembly to approximately 250 °C. Disassemble while hot.
3. If this temperature is not possible, heat as much as possible and use mechanical aids.

Clean-up

1. Cured product can be removed with a combination of soaking in a solvent and mechanical abrasion such as a wire brush.

Storage

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

Optimal Storage: 8°C to 21°C. Storage below 8°C or greater than 28°C can adversely affect product properties.

Material removed from containers may be contaminated during use. Do not return product to the original container.