

Graflock 3272 High Temp. Studlock

I. Product Description

Graflock 3272 is designed for the sealing and locking of threaded fasteners. Graflock 3272 is a single component anaerobic, high strength, acrylic based threadlocker. Graflock 3272 studlock cures when confined in the absence of air between close fitting metal surfaces and prevents leakage and loosening from vibration and shock. It is particularly suitable for uses including sealing and locking of large studs and bolts

II. Properties

- ⊗ Ideal for fastener up to 1" (25 mm) in diameter (transmission and engine block studs, valve sets, etc)
- ⊗ High strength, permanent and eliminates need for double nutting and welding.
- ⊗ Prevents corrosion and leakage.
- ⊗ Excellent performance of even oily surfaces.
- ⊗ Ideal for applications where the temperatures range up to 200 °C
- This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be used with chlorine or other strong oxidising materials.

III. Technical Information

Chemical Base:	Dimethylacrylate ester
Color:	Red
Appearance:	Liquid
Specific gravity (25°C):	1,11 g/cm ³
Viscosity:	4000-6000 cPs
Operating Temperature:	-54 °C to 230 °C

Breakaway Torque M10 steel bolts & nuts (ISO 10964): 20 Nm

(After 24 h. 20-25 °C)

Preval Torque M10 steel bolts & nuts (ISO 10964): 30 Nm

(After 24 h. 20-25 °C)

Chemical Resistance:

Chemical	Temp.	% Initial Strength Retained
		720 hours
Acetone	87 °C	95
Ethanol	87 °C	95
Motor Oil	87 °C	85
Leaded Petrol	87 °C	100
Brake Fluid	87 °C	100

IV. Application Details

For Assembly

- For optimum performance surfaces should be clean and free of grease (internal and external).
- If the material is an inactive metal or the cure speed is too slow, use an activator.
- Shake the product thoroughly before use
- Apply several drops to the bolt & nut.
- Assemble and tighten as required.
- To prevent the clogging of the nozzle, do not let the tip touch metal surface during application.

For Disassembly

- Use localized heat to bolt or nut, disassemble while hot.

For Clean Up

- To remove cured product use a combination of solvent and abrasion such as a wire brush.

V.

Packaging

50ml bottle

VI. Shelf Life

Anaerobic adhesives shall be ideally stored in a cool, dry place in unopened containers at a room temperature between 8 °C to 21 °C. Please do not return any unused material to its original container. Shelf life is 12 months

VII. Caution

Keep out of reach of children.

Avoid contact with skin and eyes. Use gloves before application. Keep out of freezing, direct sunlight.

- *Do not try to remove forcibly*

VIII. Health and Safety

For more information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing, physical, ecological, and toxicological and other safety related data

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