

C-LOCK GEL CYLINDRICAL PARTS GEL RETAINER

Item #	EAN	Product
840473	366033859209	C-LOCK GEL

Description

High viscosity, high strength fixing gel for 0.10 to 0.30 mm permissible play. Suitable for cylindrical parts, bearings, rings, inserts, pulleys, pinions, shafts and connections.

For parts that do not normally have to be disassembled.

Thixotropic formula for an adequate distribution of the product between the parts to be bonded and a perfect fit.

Characteristics of the gel pump: Very precise dosing by simple finger pressure.

Dispensing at the precisely chosen location without risk of the adhesive running elsewhere. Ideal for hard-to-reach places.

Made in Germany.



Physical properties

Monomer (Liquid):	
Base compound	Dimethacrylate
Colour	Green
Viscosity at 20°C cone-plate @ 0.5 pm @ 160 rpm	100 000 – 300 000 mPas 4 000 – 7 000 mPa.s
Density at 20°C	1,12 g/cm3
Gap filling capacity	0,10 – 0,30 mm
Shelf life	12 months
Temperature range	-50 - 150 °C
Time untill full cure	24 hours
Setting time (seconds)	
M10 brass bolt/nut	10 – 30

Instructions

The cleanliness of the application surface has a great influence on the fixing. For a successful fixing, clean the surface concerned beforehand. For use in well-ventilated areas. Wear safety goggles and gloves. For further information, refer to the MSDS.

Curing performance

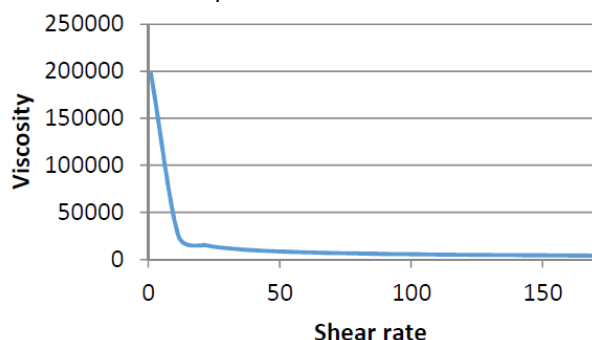
Ambient surface moisture initiates the curing process. Handling strength is reached in a short time, and will vary based on environmental conditions, bond line gap, and other factors. Product will continue to cure for at least 24 hours before full strength and solvent resistance is developed.

Solvent resistance

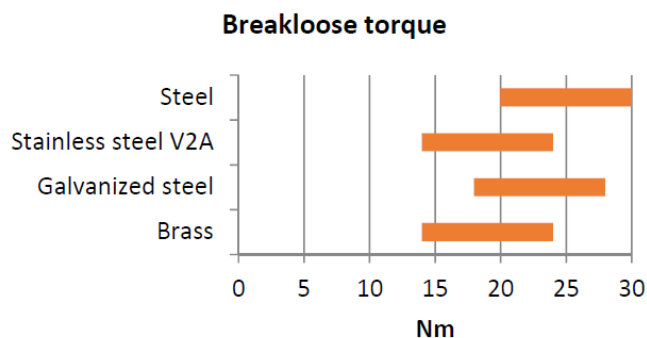
Solvent	Example	Resistance
Alcohol	Ethanol, Methanol	+
Ester (aromatic)	Ethylacetate	+
Other liquids	water, freon, diesel, oil	+
Other liquids	Ammonium hydroxide, bromine, chlorine, hydrobromic acid, lithium hydroxid, perchloric acid, potassium hydroxide	-
Gases	acetylene, argon, butane, ethane, nitrogen	+
Gases	ammonia, freon gas, oxygen (pure and /or oxygen rich systems)	-

Viscosity

testée à 20°C cône plat



Resistance on materials



Packaging and storage

- Bottle of 35 g
- Pump dispenser
- Store in a cool, dry and dark place. The storage temperature should be between 15.5 and 25 °C without direct exposure to light or heat. Do not refrigerate.

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