

M-LOCK GEL MEDIUM-STRENGTH THREAD LOCKER

Item #	EAN	Product
840475	366033859186	M-LOCK GEL

Description

High viscosity thread locker gel with intermediate strength. Suitable for normal thread braking on screws, bolts, nuts.

Thixotropic formula for adequate distribution of the product between the parts to be glued and a perfect hold.

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

Disposes 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	Blue
Viscosity at 20°C cone-plate @ 0.5 rpm	100 000 – 300 000 mPa.s
@ 160 rpm	6 000 – 8 500 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

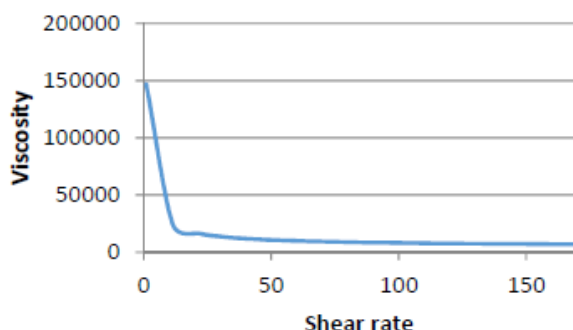
Ambient surface moisture initiates the curing process. Handling strength is reached in a short time, and will vary based on environmental conditions, bond line gap, and other factors. Product will continue to cure for at least 24 hours before full strength and solvent resistance is developed.

Solvent resistance

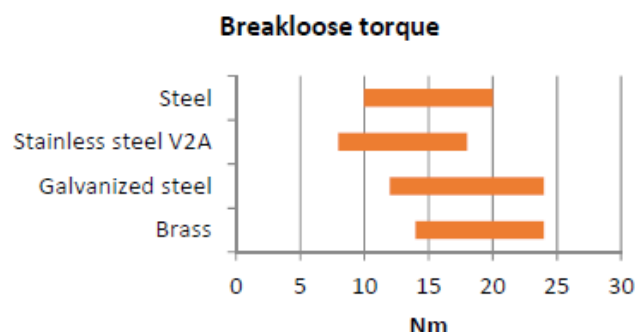
Solvent	Example	Resistance
Alcohol	Ethanol, Methanol	+
Ester (aromatic)	Ethylacetate	+
Other liquids	water, freon, diesel, oil	+
Other liquids	Ammonium hydroxide, bromine, chlorine, hydrobromic acid, lithium hydroxid, perchloric acid, potassium hydroxide	-
Gases	acetylene, argon, butane, ethane, nitrogen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

Viscosity

tested at 20°C cone-plate



Resistance on materials



Packaging and storage

- Bottle of 35 g

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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