

T-SEAL LIQUID PNEUMATIC FITTINGS SEALANT

Item #	EAN	Product
796837	366033817650	T-seal liquid

Description

Medium-viscosity anaerobic sealant for fine fittings with a maximum clearance of 0.15 mm. For the threaded connection of hydraulic and pneumatic circuits. Suitable for small parts.

Helps to prevent loosening or leakage due to shock and vibration.

Works only on metal fittings.

Made in Germany.

Physical properties

Monomer (Liquid):	
Base compound	Dimethacrylate
Colour	Brown
Viscosity at 20°C cone-plate @ 0.5 rpm @ 160 rpm	1 000 – 2 000 mPa.s 60 – 80 mPa.s
Density at 20°C	1,06 g/cm ³
Gap filling capacity	0,05 – 0,15 mm
Shelf life	12 months
Temperature range	-50 - 150 °C
Time untill full cure	24 hours
Setting time (seconds)	
M10 brass bolt/nut	20 - 45



Instructions

The cleanliness of the application surface has a great influence on the fixing. For a successful fixing, clean the surface concerned beforehand using the dedicated SC500 spray (Ref. 879672). For use in well-ventilated areas. Wear safety goggles and gloves. For further information, refer to the MSDS.

Curing performance

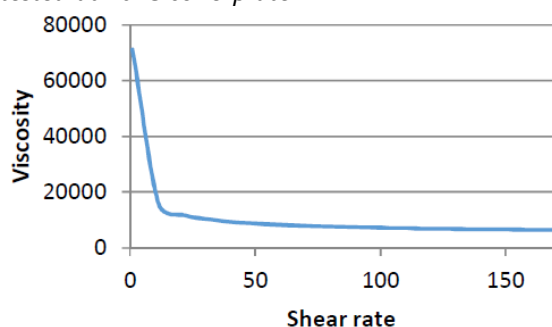
Absence of air and/or presence of metal initiate the curing process. Handling strength is reached in a short time, and will vary based on environmental conditions, bond line gap, and other factors. Product will continue to cure for at least 24 hours before full strength and solvent resistance is developed.

Solvent resistance

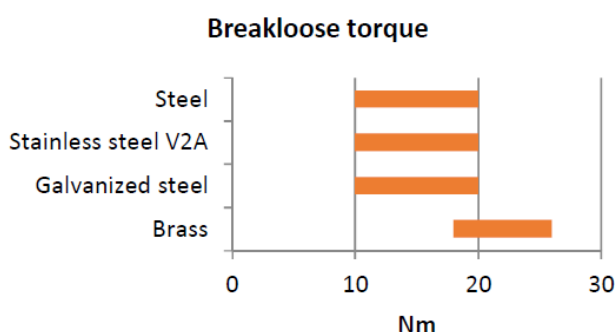
Solvent	Example	Resistance
Alcohol	Ethanol, Methanol	+
Ester (aromatic)	Ethylacetate	+
Other liquids	water, freon, diesel, oil	+
Other liquids	Ammonium hydroxide, bromine, chlorine, hydrobromic acid, lithium hydroxid, perchloric acid, potassium hydroxide	-
Gases	acetylene, argon, butane, ethane, nitrogen	+
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.

Note

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