Product information

PI 47/08/18/2026

Screw-Retainer High Strength

Description

Reliable thread locking. Can be used on oiled surfaces and galvanized screws.



Properties

- resistant to stresses and vibrations
- prevents leaks
- can be used on oily surfaces
- rapid curing
- wide operating temperature range
- controlled torque/stress ratio

Technical data

Form	liquid
Breakaway torque	36 Nm DIN EN 15865
Prevailing torque	43 Nm DIN EN 15865
Chemical resistance	relatively well against oils, gasoline, antifreeze, water and brake fluid
Initial strength	2-10 min (active); 10-60 min (passive)
Functional strength	2 - 4 h
Final strength	8 h
Operating temperature range	-60 to 150 °C
Thread friction value	0,17
Compressed shear strength	25 N/mm² DIN EN 15337
Base	dimethacrylate ester
Density	1,1 g/cm³ DIN EN 542
Color / appearance	green
Odor	characteristic
Viscosity at 23 °C	500 mPas
Shelf life in original sealed container	24 months
Recommended storage temperature	8 - 21 °C
Thread sizes	until M20

Areas of application

Used for all commonly used screw and nut sizes and each grade.

Comment

Due to the anaerobic properties, you must always ensure that there is enough air in the bottle. Otherwise the adhesive can harden prematurely. The bottle should therefore only be filled up to about 1/3. However, the quantity always corresponds to the content indicated on the container.

Application

Apply uniformly to bolts and nuts. The paste cures in the absence of air (anaerobic).

One must differentiate between active and passive materials during the curing time.

Active materials generally refer to metals with a high iron or copper content (e.g. iron, steel, copper, brass, bronze). Active materials ensure rapid curing.

Passive materials such as high-alloy (stainless) steel, zinc, aluminum or plastics only cure very slowly.

Available pack sizes

10 g Bottle plastic	3803 DE
10 g Blister	3851 DE
50 g Bottle plastic	3804 DE-EN-ES

Our information is based on thorough research and may be considered reliable, although not legally binding.

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