

WEICONLOCK® AN 302-70 Locking of Threads and Stud Bolts



Locking of threads and stud bolts | drinking water and DVGW approval

- medium viscosity
- high strength
- hard to disassemble

Technical Data

Colour	green
Fluorescent	yes
For thread connections up to	M 20 R ¾"
Viscosity	500 nt mPa·s
Gap bridging up to max.	0,15 mm
Breakaway torque	28 - 35 Nm
Prevail torque	50 - 65 Nm
Shear strength Nmm ² (DIN 54452)	15 - 20 N/mm ²
Handling strength	10 - 20 min.
Final strength (100 % strength)	3-6 h
Temperature resistance	-60°C to +200°C
Compressive strength (free cutting steel / grub screw = 8.8)	
M_3x6	max. 1500 bar
M4x6	max. 1500 bar
M5x8	max. 1200 bar
M6x10	max. 700 bar
M8x12	max. 500 bar
M10x16	max. 300 bar

Approvals / Guidelines

Hygiene Institute	UBA KTW-BWGL
ISSA Code	75.628.07/08/09
IMPA Code	812915/16/17

Anaerobic Adhesives and Sealants

Surface pre-treatment

To achieve optimum results, the mounting parts should be degreased and cleaned, e.g. with WEICON Surface (roughen the surfaces, if required). WEICONLOCK can also be used on uncleaned surfaces, e.g. screws as delivered. However, the cleaner the surface, the better the results achieved.

Processing

WEICONLOCK is applied evenly straight from the Pen with the help of the dosing tip; avoid direct contact between dosing tip /metal. For sealing applications, apply WEICONLOCK to the thread in circles. Assemble parts and screw tight. Do not pour any WEICONLOCK back into the bottle that has already come into contact with metal. Even extremely small metal particles cause the adhesive to cure inside the bottle. Therefore, in serial production, the use of dosing devices is recommended.

Storage

WEICONLOCK has a shelf life of at least 24 months, when stored at room temperature in closed original container. Protect from heat sources and direct sunlight. The air contained in the Pen keeps WEICONLOCK liquid.

Instructions for use

When using WEICON products, the physical, safety-related, toxicological and ecological data and regulations in our EC safety data sheets (www.weicon.com) must be observed.

Available sizes

10016421	WEICONLOCK® AN 302-70 Locking of Threads and Stud Bolts, 20 ml, green
10017884	WEICONLOCK® AN 302-70 Locking of Threads and Stud Bolts, 50 ml, green
10019978	WEICONLOCK® AN 302-70 Locking of Threads and Stud Bolts, 200 ml, green
10030476	WEICONLOCK® AN 302-70 Locking of Threads and Stud Bolts, 10 ml, green

To the product detail page:



Note

The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

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