

WEICONLOCK® AN 302-90 Threadlocking



Threadlocking | for subsequent locking and sealing of hairline cracks

- extremely low viscosity |
- high capillary action
- high strength
- hard to disassemble

Technical Data

Colour	green
Fluorescent	yes
For thread connections up to	M 5
Viscosity	10 - 20 mPa·s
Gap bridging up to max.	0,07 mm
Breakaway torque	15 - 25 Nm
Prevail torque	30 - 40 Nm
Shear strength Nmm ² (DIN 54452)	8 - 12 N/mm ²
Handling strength	at room temperature 5 - 20 min.
Final strength (100 % strength)	3 h
Temperature resistance	-60°C to +150°C
Compressive strength (free cutting steel / grub screw = 8.8)	
M_3x6 max.	1500 bar
M_4x6 max.	1500 bar
M_5x8 max.	1250 bar
M_6x10 max.	1000 bar
M_8x12 max.	600 bar
M_10x16 max.	200 bar

Approvals / Guidelines

ISSA Code	75.628.28/29/30	
IMPA Code	815207/08/09	
MIL-Spec	comply with	MIL-S-46163A Type III Grade R MIL-S-22473E Letter Grade AA

Anaerobic Adhesives and Sealants

Surface pre-treatment

Clean surfaces to be sealed.

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

Shelf life: at least 24 months at room temperature (+20°C).

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.

Accessories

- 10021433 Activator F, 200 ml, green
- 10001256 Dosing Tip, 1 PCE

Available sizes

- 10019905 WEICONLOCK® AN 302-90 Threadlocking, 20 ml, green
- 10000505 WEICONLOCK® AN 302-90 Threadlocking, 50 ml, green
- 10017891 WEICONLOCK® AN 302-90 Threadlocking, 50 ml, green
- 10019993 WEICONLOCK® AN 302-90 Threadlocking, 200 ml, green
- 10000507 WEICONLOCK® AN 302-90 Threadlocking, 250 ml, green

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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.