

# WEICONLOCK® AN

## 302-71 Locking of Threads and Stud Bolts



### Locking of threads and stud bolts

- medium viscosity
- high strength
- hard to disassemble

#### Technical Data

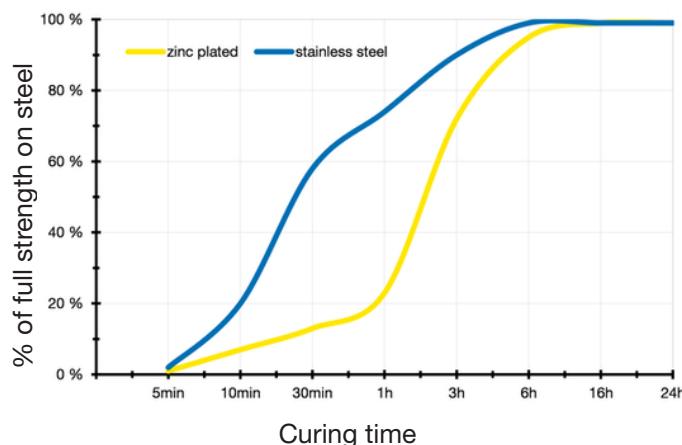
Colour	red
Fluorescent	yes
For thread connections up to	M 20 R 3/4"
Viscosity	500 nt mPa·s
Gap bridging up to max.	0,15 mm
Breakaway torque	28 - 35 Nm
Prevail torque	50 - 65 Nm
Shear strength Nmm <sup>2</sup> (DIN 54452)	15 - 20 N/mm <sup>2</sup>
Handling strength	10 - 20 min.
Final strength (100 % strength)	3-6 h
Temperature resistance	-60°C to +150°C
Minimum shelf life	at room temperature
Compressive strength (free cutting steel / grub screw = 8.8)	24 mon.
M 3x6	max.
M 4x6	max.
M 5x8	max.
M 6x10	max.
M 8x12	max.
M 10x16	max.

#### Approvals / Guidelines

MIL-Spec	complies with	MIL-T-83523
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# Threadlocking

### Reaction rate of various materials



### Surface Pre-Treatment

Clean surfaces to be sealed.

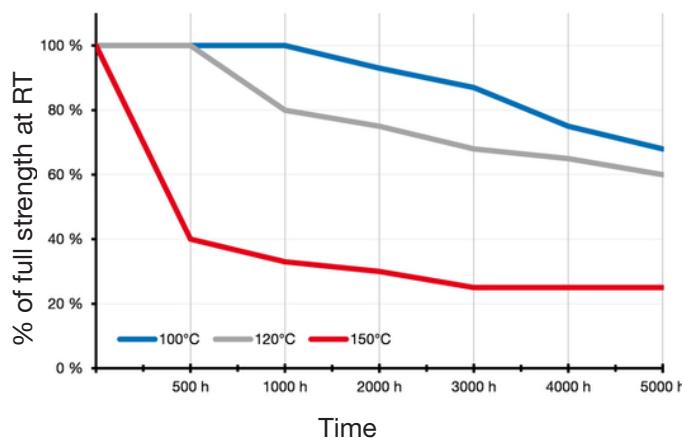
### Application

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

Store WEICONLOCK in the unopened original container at room temperature. Avoid sources of heat and direct sunlight. The air inside the packaging helps maintain storage stability.

### Heat aging



#### Note

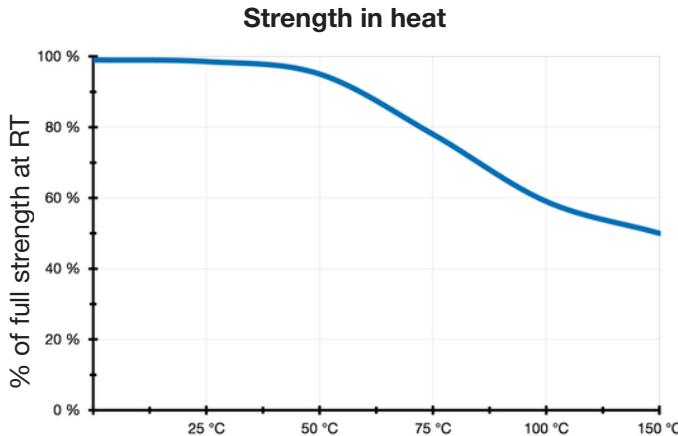
The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information 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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### 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](http://www.weicon.com)) must be observed.



### Accessories

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

### Available sizes

10017326 WEICONLOCK® AN 302-71 Locking of Threads and Stud Bolts, 20 ml, red  
 10017886 WEICONLOCK® AN 302-71 Locking of Threads and Stud Bolts, 50 ml, red  
 10019980 WEICONLOCK® AN 302-71 Locking of Threads and Stud Bolts, 200 ml, red

To the product detail page:



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