WEICONLOCK®
Anaerobic Adhesives and Sealants

WEICONLOCK® AN 302-43 Threadlocking

Threadlocking |DVGW and drinking water approval

· higher viscosity

· medium strength

· disassembly with normal tools

Technical Data

Colour		blue
Fluorescent		yes
For thread connections up to		M 36
Viscosity		2.000 - 7.000 mt mPa·s
Gap bridging up to max.		0,25 mm
Breakaway torque		17 - 22 Nm
Prevail torque		8 - 12 Nm
Shear strength Nmm² (DIN 54452)		9 - 13 N/mm²
Handling strength		10 - 20 min.
Final strength	(100 % strength)	1-3 h
Temperature resistance		-60°C to +200°C
Compressive strength (free cutting steel / grub screw = 8.8)		
M 3x6	max.	1.500 bar
M 4x6	max.	1.500 bar
M 5x8	max.	1.500 bar
M 6x10	max.	1.500 bar
M 8x12	max.	900 bar
M 10x16	max.	100 bar

Approvals / Guidelines

Hygiene Institute		UBA KTW-BWGL
ISSA Code		75.628.06/04/05
IMPA Code		812912/13/14
MIL-Spec	complies with	MIL-S-46163A

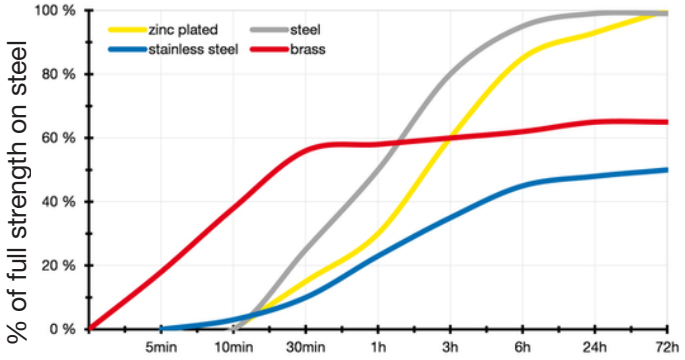
Breakaway torque per material

Stainless steel V2A	9,2 Nm
Stainless steel V4A	17,8 Nm
Galvanised steel	19,0 Nm
Aluminium	9,5 Nm

Torque per material

Stainless steel V2A	5,1 Nm
Stainless steel V4A	11,7 Nm
Galvanised steel	9,2 Nm
Aluminium	7,5 Nm

Reaction rate of various materials



Curing time

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.

Mixing

not necessary

Curing

In the absence of oxygen and in contact with metal ions in a few seconds to minutes.

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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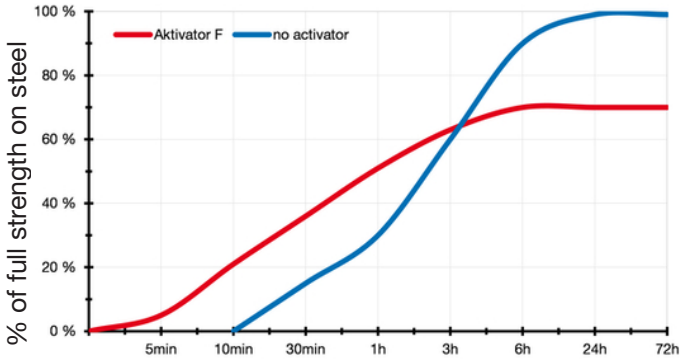
Reaction with activator F



Curing time

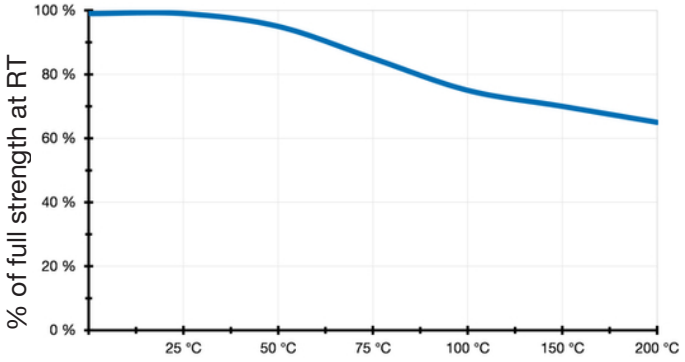
Storage

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.

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.

Strength in heat



Accessories

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

Available sizes

10000611 WEICONLOCK® AN 302-43 Threadlocking, 3 ml, blue
10016419 WEICONLOCK® AN 302-43 Threadlocking, 20 ml, blue
10017876 WEICONLOCK® AN 302-43 Threadlocking, 50 ml, blue
10019968 WEICONLOCK® AN 302-43 Threadlocking, 200 ml, blue
10030474 WEICONLOCK® AN 302-43 Threadlocking, 10 ml, blue

To the product detail page:

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