

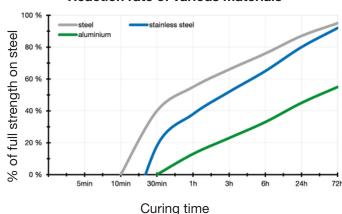
WEICONLOCK®

# Pipe and thread sealant

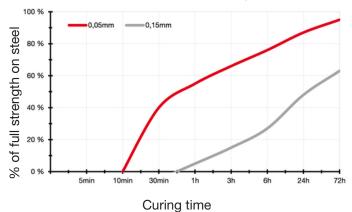
Approvals / Guidelines

NSF		S2 (FDA 21 CFR)
BAM		DIN EN 1797
WRAS		BS 6920-1:2000
Hygiene Institute		UBA KTW-BWGL
DVGW		DIN EN 751-1
AGA		AS 4623-2008
ISSA Code		75.628.13/14
IMPA Code		815214/15
MIL-Spec	complies with	MIL-T-83523

### Reaction rate of various materials



### Reaction rate at different gaps



### **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.

# WEICONLOCK® AN 305-77 Thread Sealing







### Threadsealing | drinking water and DVGW approval | BAM

- · high viscosity
- · medium strength
- · disassembly with normal tools

#### Technical Data

Colour		yellow
Fluorescent		yes
For thread connections up to		M 80 R 3"
Viscosity		24.000 - 70.000 ht mPa·s
Gap bridging up to max.		0,5 mm
Breakaway torque		18 - 22 Nm
Prevail torque		10 - 14 Nm
Shear strength Nmm² (DIN 54452)		6 - 13 N/mm²
Handling strength		15 - 30 min.
Final strength	(100 % strength)	1-3 h
Temperature resistance		-60 °C to +150 °C
Minimum shelf life	at room temperature	24 mon.
Compressive strength (fre	ee cutting steel / grub scre	ew = 8.8)
M 3x6	max.	1500 bar
M 4x6	max.	1500 bar
M 5x8	max.	1500 bar
M 6x10	max.	800 bar
M 8x12	max.	700 bar
M 10x16	max.	500 bar

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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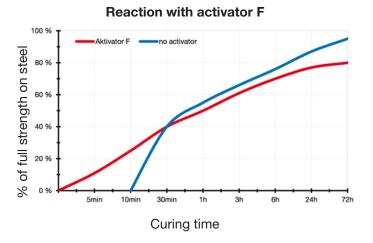
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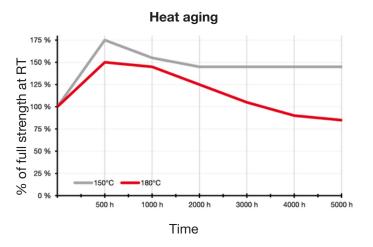
# W E I C O N

WEICONLOCK®

# WEICONLOCK® AN 305-77 Thread Sealing

### Pipe and thread sealant



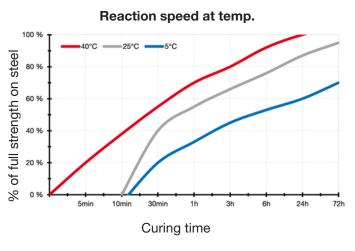


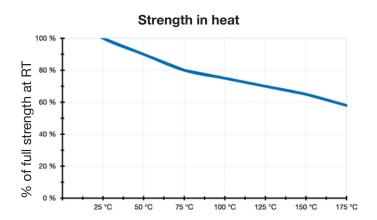
### **Application**

WEICONLOCK is applied evenly straight from the Pen with the help of the dosing tip; avoid direct contact between dosing tip/metal. Apply WEICONLOCK to the thread in circles. Screw the pipe thread together and tighten it to the desired alignment. When used as flange sealing, apply a continuous bead to one flange side, then assemble parts quickly 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.

#### 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.





#### 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.

### **Accessories**

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

#### **Available sizes**

10019949 WEICONLOCK® AN 305-77 Thread Sealing, 50 ml, yellow

WEICONLOCK® AN 305-77 Thread Sealing, 200 10020011

WEICONLOCK® AN 305-77 Thread Sealing, 300 10034148

ml, yellow



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