

WEICONLOCK® AN 305-77 Thread Sealing



Threadsealing | drinking water and DVGW approval | BAM

- high viscosity
- medium strength
- disassembly with normal tools

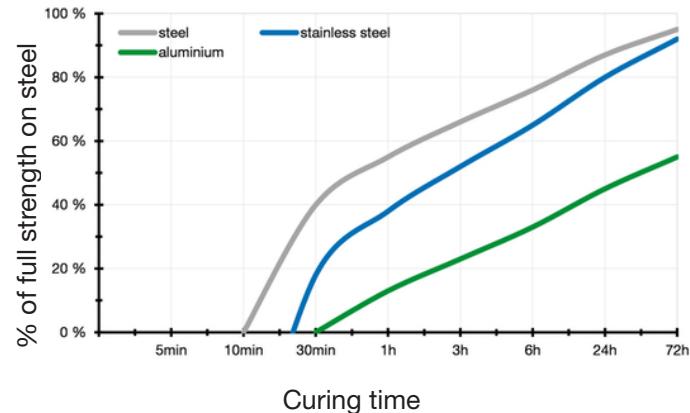
Technical Data

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 Nmm ² (DIN 54452)	6 - 13 N/mm ²
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
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.

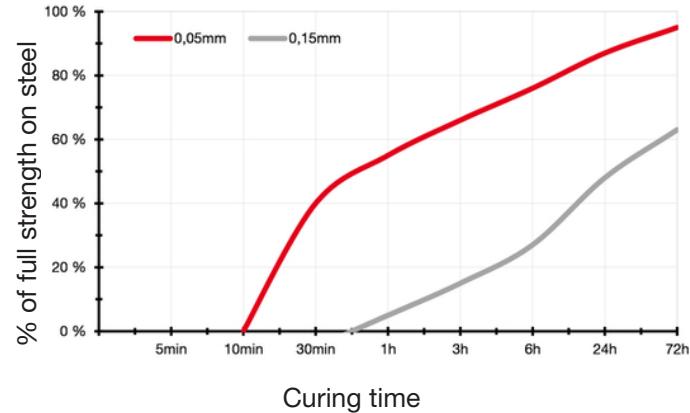
Approvals / Guidelines

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 uncleared surfaces, e.g. screws as delivered. However, the cleaner the surface, the better the results achieved.

Note

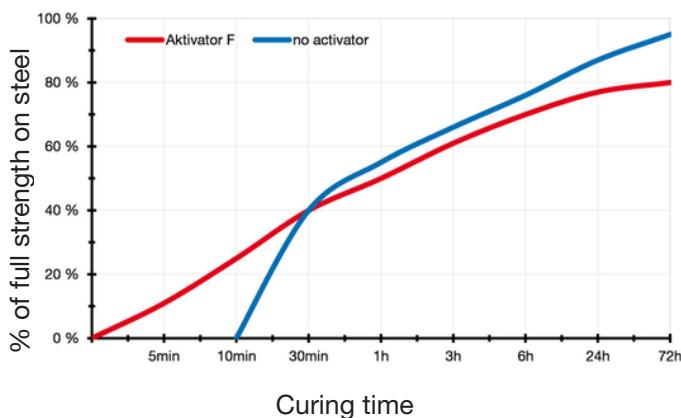
The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information 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.

WEICONLOCK® AN

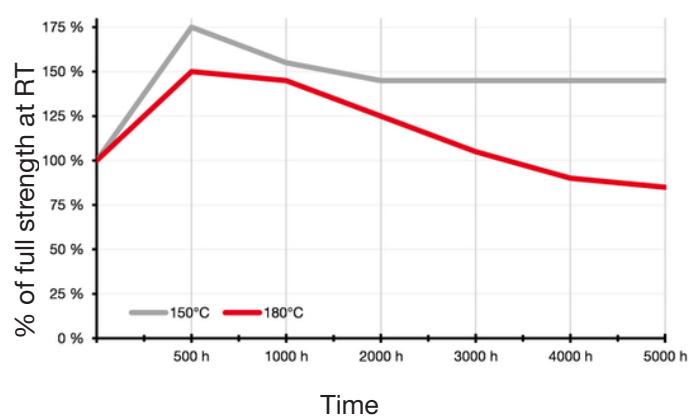
305-77 Thread Sealing

Pipe and thread sealant

Reaction with activator F



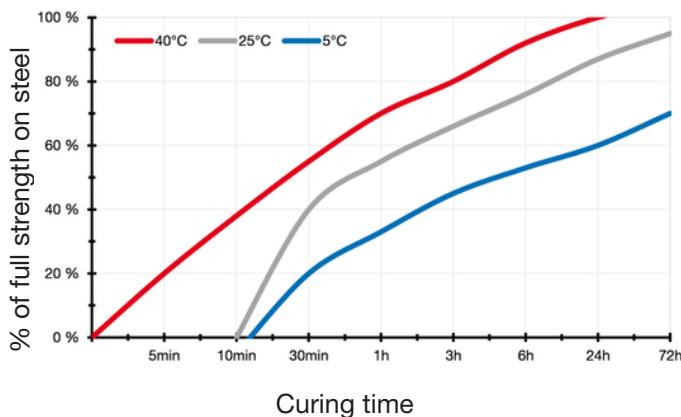
Heat aging



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.

Reaction speed at temp.



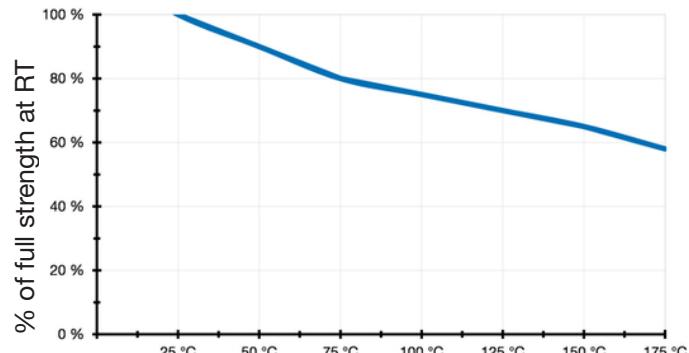
Storage

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

10019949 WEICONLOCK® AN 305-77 Thread Sealing, 50 ml, yellow
 10020011 WEICONLOCK® AN 305-77 Thread Sealing, 200 ml, yellow
 10034148 WEICONLOCK® AN 305-77 Thread Sealing, 300 ml, yellow

To the product detail page:



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