

# WEICONLOCK® AN 305-18 Flange sealing



**Flange sealing for filling large gaps with immediate sealing effect | high-temperature-resistant**

- high viscosity
- high strength
- hard to disassemble

### Technical Data

Colour	red
Fluorescent	yes
Viscosity	80.000 - 500.000 ht mPa·s
Gap bridging up to max.	0,5 mm
Breakaway torque	12 - 18 Nm
Prevail torque	18 - 24 Nm
Shear strength Nmm <sup>2</sup> (DIN 54452)	8 - 13 N/mm <sup>2</sup>
Handling strength	10 - 20 min.
Final strength (100 % strength)	3 - 6 h
Temperature resistance	-60°C to +200°C
Minimum shelf life at room temperature	24 mon.
Compressive strength (free cutting steel / grub screw = 8.8)	
M 3x6 max.	1500 bar
M 4x6 max.	1500 bar
M 5x8 max.	1500 bar
M 6x10 max.	1500 bar
M 8x12 max.	900 bar
M 10x16 max.	400 bar

### Approvals / Guidelines

NSF	S2 (FDA 21 CFR)
IMPA Code	331077

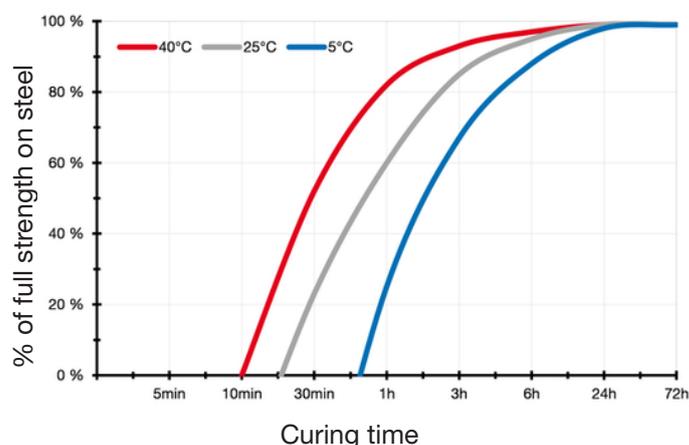
### Surface Pre-Treatment

Clean surfaces to be sealed.

### Application

WEICONLOCK is applied evenly straight from the Pen/the cartridge; avoid direct contact between dosing tip/metal. Apply continuous bead to one flange side, then assemble parts quickly and screw tight. For sealing applications (pipe fittings), apply WEICONLOCK to the thread in circles. Screw the pipe thread together and tighten it to the desired alignment. 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

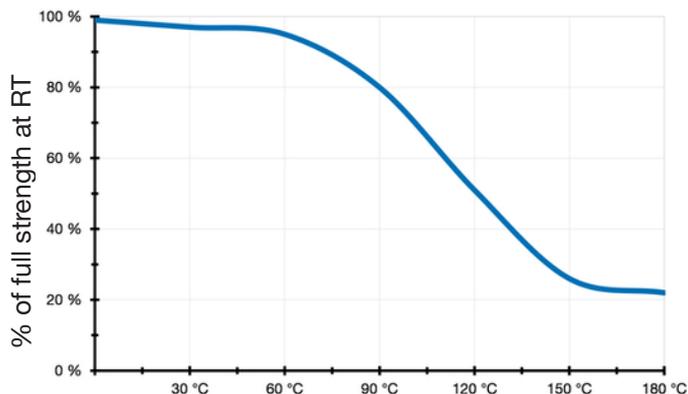
When using WEICON products, the physical, safety-related, toxicological and ecological data and regulations in our EC safety data sheets ([www.weicon.com](http://www.weicon.com)) must be observed.

**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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## WEICONLOCK® Flange sealing

Strength in heat



### Accessories

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

### Available sizes

- 10010537 WEICONLOCK® AN 305-18 Flange sealing, 50 ml, red
- 10010541 WEICONLOCK® AN 305-18 Flange sealing, 250 ml, red
- 10019591 WEICONLOCK® AN 305-18 Flange sealing, 300 ml, red
- 10019941 WEICONLOCK® AN 305-18 Flange sealing, 50 ml, red
- 10019999 WEICONLOCK® AN 305-18 Flange sealing, 200 ml, red

To the product detail page:



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