

# WEICONLOCK® AN 301-65 Pipe and Flange Sealing



Certified to  
NSF/ANSI 61

Pipe and flange sealing with PTFE | classified as non-hazardous | drinking water approval

- high viscosity
- medium strength
- disassembly with normal tools

## Technical Data

Colour	white
Fluorescent	no
For thread connections up to	M 80 R 3"
Viscosity	180.000 - 300.000 mPa·s
Gap bridging up to max.	0,5 mm
Breakaway torque	4 - 8 Nm
Prevail torque	1 - 3 Nm
Shear strength Nmm <sup>2</sup> (DIN 54452)	2 - 6 N/mm <sup>2</sup>
Handling strength	10 - 20 min.
Final strength (100 % strength)	24 h
Temperature resistance	-60°C to +150°C
Compressive strength (free cutting steel / grub screw = 8.8)	
M_3x6	max. 1500 bar
M_4x6	max. 1500 bar
M_5x8	max. 1200 bar
M_6x10	max. 1000 bar
M_8x12	max. 600 bar
M_10x16	max. 200 bar

## Anaerobic Adhesives and Sealants

### 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. 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 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.

### Storage

WEICONLOCK has a shelf life of at least 24 months, when stored at room temperature in closed original container. Protect from heat sources and direct sunlight. The air contained in the Pen keeps WEICONLOCK liquid.

### 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

- 10031782 WEICONLOCK® AN 301-65 Pipe and Flange Sealing, 50 ml, white
- 10031783 WEICONLOCK® AN 301-65 Pipe and Flange Sealing, 200 ml, white

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#### 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.