

WEICONLOCK® AN 301-65 Pipe and Flange Sealing



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 ² (DIN 54452)	2 - 6 N/mm ²
Handling strength	10 - 20 min.
Final strength (100 % strength)	24 h
Temperature resistance	-60°C to +150°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.	1200 bar
M 6x10 max.	1000 bar
M 8x12 max.	600 bar
M 10x16 max.	200 bar

Approvals / Guidelines

MIL-Spec	complies with	MIL-A-46106
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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.

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 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

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.

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.

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