WEICONLOCK®
Flange sealing

WEICONLOCK® AN 305-67 Pipe and Flange Sealing



Pipe and flange sealing with PTFE | gap filling capacity max. 0.60 mm

· high viscosity

· low strength

· easy disassembly

Technical Data

Colour		white
Fluorescent		no
For thread connections up to		M 80 R 3"
Viscosity		170.000 - 410.000 ht mPa·s
Gap bridging up to max.		0,6 mm
Breakaway torque		3 - 5 Nm
Prevail torque		2 - 4 Nm
Shear strength Nmm² (DIN 54452)		6 - 8 N/mm²
Handling strength		120 - 240 min.
Final strength	(100 % strength)	24-72 h
Temperature resistance		-50°C to +175°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.	1400 bar
M 6x10	max.	1200 bar
M 8x12	max.	500 bar
M 10x16	max.	300 bar

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 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.

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 L Size 1, 1 PCE

Available sizes

10032101 WEICONLOCK® AN 305-67 Pipe and Flange Sealing, 50 ml, white

To the product detail page:

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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