

WEICONLOCK® AN 305-74 Flange sealing



Gasketing of flanges, gearboxes and other motor housings

- high viscosity
- high strength
- hard to disassemble

Technical Data

Colour	orange	
Fluorescent	yes	
Viscosity	30.000 - 100.000 ht mPa·s	
Gap bridging up to max.	0,5 mm	
Breakaway torque	16 - 24 Nm	
Prevail torque	5 - 10 Nm	
Shear strength Nmm ² (DIN 54452)	5 - 10 N/mm ²	
Handling strength	15 - 30 min.	
Final strength (100 % strength)	12 h	
Temperature resistance	-60°C to +180°C	
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.	700 bar
M_10x16	max.	600 bar

Approvals / Guidelines

ISSA Code	75.628.24/25
IMPA Code	815212/13

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/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.

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) must be observed.

Accessories

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

Available sizes

- 10019947 WEICONLOCK® AN 305-74 Flange sealing, 50 ml, orange
- 10020009 WEICONLOCK® AN 305-74 Flange sealing, 200 ml, orange
- 10034146 WEICONLOCK® AN 305-74 Flange sealing, 300 ml, orange

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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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