

WEICONLOCK® AN 305-18 Flange sealing

Anaerobic Adhesives and Sealants



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 ² (DIN 54452)	8 - 13 N/mm ²
Handling strength	10 - 20 min.
Final strength (100 % strength)	3 - 6 h
Temperature resistance	-60°C to +200°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. 900 bar
M_10x16	max. 400 bar

Approvals / Guidelines

IMPA Code	331077
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Surface pre-treatment

Clean surfaces to be sealed.

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

Shelf life: at least 24 months at room temperature (+20°C).

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

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

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.