

WEICONLOCK® AN 305-10 Flange sealing



Gasketing of flanges | high-temperature-resistant | BAM

- high viscosity
- high strength
- hard to disassemble

Technical Data

Colour	orange
Fluorescent	yes
Viscosity	+25 °C Brookfield 70.000 - 300.000 ht mPa·s
Gap bridging up to max.	0,5 mm
Breakaway torque	18 - 25 Nm
Prevail torque	15 - 25 Nm
Shear strength Nmm ² (DIN 54452)	5 - 10 N/mm ²
Handling strength	15 - 30 min.
Final strength (100 % strength)	6-12 h
Temperature resistance	-60°C to +200°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. 1500 bar
M 6x10	max. 1200 bar
M 8x12	max. 800 bar
M 10x16	max. 500 bar

Approvals / Guidelines

AGA	AS 4623-2008
MIL-Spec	complies with MIL-A-46106 MIL-A-46146

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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Surface Pre-Treatment

Clean surfaces to be sealed.

Application

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

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

10019937	WEICONLOCK® AN 305-10 Flange sealing, 50 ml, orange
10019995	WEICONLOCK® AN 305-10 Flange sealing, 200 ml, orange
10000511	WEICONLOCK® AN 305-10 Flange sealing, 250 ml, orange
10002596	WEICONLOCK® AN 305-10 Flange sealing, 300 ml, orange