

# WEICONLOCK® AN 302-77 Pipe and Thread Sealing



higher viscosity  
high strength  
hard to disassemble

Pipe and thread sealing for large thread parts and flanges

## Technical Data

Colour	red
For threaded joints up to	M 36
Viscosity at +25°C (+77°F) according to Brookfield	6.000 mPa·s
Max. gap bridging	0,25 mm
Breakaway strength (Thread)	30 - 40 Nm
Prevailing strength	10 - 15 Nm
Shear strength N/mm <sup>2</sup> (DIN 54452)	35 - 45 N/mm <sup>2</sup>
Handling strength at room temperature	40 - 60 min.
Final strength (100%) after	6 - 12 h
Temperature resistance	-60 to +150 °C

\*Strength values based on M 10 screws, 8.8 grade, thickness of nut 0,8.d Static shear strength based on cylindrical parts of abt. Ø 13 mm, tolerance (D-d) = 0,05 mm, l/d = 0,88

## Surface pre-treatment

In general, WEICONLOCK does not require special pretreatment as slightly oily surfaces (e.g. on as received parts) will be tolerated. However, best results will be achieved on cleaned, degreased parts (use WEICON Surface Cleaner). If required, the parts should be slightly roughened.

## Processing

WEICONLOCK is ready for use and should be applied evenly direct from the bottle/tube with the dispensing tip (avoid direct contact of dispensing tip with metal). Apply WEICONLOCK in circular motions on the thread. Screw pipe threads together and tighten until desired orientation. When using as flange sealing apply a continuous bead on one side. Join and tighten parts quickly. Do not pour back into the bottle any WEICONLOCK fluid which had contact with metal; even smallest metal particles will cause the content of the bottle to cure. In series construction, the use of manual or automatic applicators is recommended.

## Storage

WEICONLOCK can be stored in the unopened original container for at least 24 months at room temperature. Keep away from heat sources and direct sunlight. The air in the bottle/tube keeps WEICONLOCK liquid.

## Safety and health

When using WEICON products, the physical, safety technical, toxicological and ecological data and regulations in our EC safety data sheets ([www.weicon.com](http://www.weicon.com)) must be observed.

## Available sizes:

30277150	WEICONLOCK® AN 302-77 Pipe and Thread Sealing 50 ml
30277200	WEICONLOCK® AN 302-77 Pipe and Thread Sealing 200 ml

## Accessories:

11202400	Sealant and Adhesive Remover, 400 ml
11207400	Surface Cleaner, 400 ml
11850200	Hand Protective Foam, 200 ml
30700200	Activator F, 200 ml
30955172	Dosing Tips, Size 1
30955179	Dosing Tips, extra thin

## 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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