

WEICONLOCK® AN 302-91 Surface sealing



Very low viscosity
Good creeping properties
-60°C to +150°C (-76°F to +302°F)

WEICONLOCK AN 302-91 penetrates even finest cracks due to its capillary properties and provides reliable sealing. The surface sealing can also fill porosity in welding seams. Only suitable for metals.

Technical Data

Colour	green
Fluorescent	Yes
For threaded joints up to	M 5
Viscosity at 25°C (+77°F) according to Brookfield	10 - 20 mPa·s
Max. Gap Bridging	0,07 mm
Breakaway strength (Thread)	15 - 25 Nm
Prevailing strength	30 - 40 Nm
Shear strength Nmm ² (DIN 54452)	8 - 12 N/mm ²
Handling strength at room temperature	5 - 10 min.
Temperature resistance	-60 to +150 °C
Final strength (100%) after	3 h

Surface pre-treatment

In general, WEICONLOCK does not require special pre-treatment 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

Heat up surfaces to approx. +80°C (+176°F). Shake contents before use. Apply WEICONLOCK AN 302-91 evenly and let it work for 5 minutes.

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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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) must be observed.

Available sizes:

30291150	WEICONLOCK® AN 302-91 Surface sealing 50 ml
30291200	WEICONLOCK® AN 302-91 Surface sealing 200 ml