

WEICONLOCK® SI 303-31 Pipe and thread sealing



high viscosity
low strength
easy disassembly

Low strength, permanently elastic pipe and thread sealing for cold and warm water-carrying plastic and metal pipes. It is suitable for use as a sealant in sensitive areas, like in the food industry or in the drinking water area.

WEICONLOCK SI 303-31 is an acetate-curing 1-component silicone sealant with a good chemical resistance against diluted acids and lyes. The sealant is suitable for plastic threads and plastic / metal combinations and has a high notch and tear strength. SI 303-31 has a very good weathering, aging and UV resistance.

The sealant is suitable for many industrial areas, like the food industry, e.g. in dairies and slaughterhouses, in beverage and food production, in canteen kitchens and many more.

SI 303-31 can be used for the sealing in the drinking water area between ceramic coverings and for the sealing of plastic thread connections of cold and warm water-carrying plastic pipes.

*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 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

Directly out of the tube with the dosing tip evenly distributed direct contact with dosing tip/metal avoid. Apply WEICONLOCK ring-shaped to the thread. Screw the pipe thread and tighten it up to the desired alignment and put it on. Continuous caterpillar when used as surface sealant apply to one side of the flange and quickly assemble parts, and tightly screw together. WEICONLOCK, which is already coated with metal in Do not pour it back into the bottle. Even the smallest metal particles lead to hardening in the Bottle. In repetitive manufacturing, we therefore recommend the use of Dosing devices.

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:

30331085

WEICONLOCK® SI 303-31 Pipe and thread sealing 85 ml

TZW

ISEGA

**Technical Data**

Colour	white
For threaded joints up to	M 80 R 3"
Max. gap bridging	0,5 mm
Breakaway strength (Thread)	< 1,5 Nm
Prevailing strength	< 0,5 Nm
Shear strength Nmm ² (DIN 54452)	< 1 N/mm ²
Handling strength at room temperature	1.440 min.
Final strength (100%) after	72 h

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.

WEICON GmbH & Co. KG
(Headquarters)
Germany
phone +49 (0) 251 9322 0
info@weicon.de

WEICON SA (Pty) Ltd
South Africa
phone +27 (0) 21 709 0088
info@weicon.co.za

WEICON Middle East L.L.C.
United Arab Emirates
phone +971 4 880 25 05
info@weicon.ae

WEICON South East Asia Pte Ltd
Singapore
phone (+65) 6710 7671
info@weicon.com.sg

WEICON Inc.
Canada
phone +1 877 620 8889
info@weicon.ca
www.weicon.ca

WEICON Czech Republics.r.o.
Czech Republic
phone +42 (0) 417 533 013
info@weiconcz.cz

WEICON Kimya Sanayi Tic. Ltd. Şti.
Turkey
phone +90 (0) 212 465 33 65
info@weicon.com.tr
www.weicon.com.tr

WEICON Ibérica S.L.
Spain
phone +34 (0) 914 7997 34
info@weicon.es

DANLUBE A/S

Tune Parkvej 5

DK-4030 Tune

Danmark

Tel.: + 45 70 25 12 80

Mail: info@danlube.dk

WEB: www.danlube.dk