



WEICON Solutions for

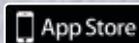
# Stainless Steel



INOX  
STAINLESS STEEL

Member of the German  
stainless steel Association

WARENZEICHENVERBAND  
EDELSTAHL Rostfrei E.V.



[www.weicon.com/app](http://www.weicon.com/app)



[www.weicon.com](http://www.weicon.com)

V 1.18

You can find further packing sizes and detailed information on WEICON products at [www.weicon.com](http://www.weicon.com)



## Thread Sealing Cord DF 175

WEICON DF 175 is a patented sealing cord, made out of 100% PTFE, which permanently and safely seals nearly all metal and plastic threads. WEICON DF 175 reliably compensates the intermediate space on the threads and creates a PTFE film in the required thickness during the screwing procedure.

- seals immediately, temperature range  $-200^{\circ}\text{C}$  to  $+240^{\circ}\text{C}$  ( $-328$  to  $+464^{\circ}\text{F}$ )
- drinking water approvals according to KTW and WRAS
- UL-tested
- 100 % solid PTFE, silicon-free

Dispenser 175 m  
30010175



**TZW** **BAM**



**BAM tested and safety-related evaluated-**  
according to leaflet M 031-1  
"List of nonmetallic materials compatible with oxygen"  
(DGUV information 213-078) of BG RCI

## Contact Cyanoacrylate Adhesive

WEICON Contact is a solvent-free instant adhesive. It connects various materials with and among each other, e.g. metal, glass, wood, plastic, ceramic, leather and rubber.

### VA 2500 HT

- high peel and impact strength
- cures with residual elasticity
- $-50^{\circ}\text{C}$  up to  $+140^{\circ}\text{C}$  ( $-58^{\circ}\text{F}$  to  $+284^{\circ}\text{F}$ ) (high-temperature resistant)

30 g   
12550030



Bonding rubber profiles into stainless-steel strips

\*\*Certificate on DIN-DVGW test symbol for DF 175 in gas systems.

\*\*Test certificate confirming that the requirements of the KTW recommendations (drinking water) of the German Federal Health Office (Bundesgesundheitsamt) are met in the area of the D2 seal.

\*\*Test reports on the suitability of the Thread Sealing Cord and the WEICONLOCK AN 306-30 adhesive and sealant for applications with oxygen.



# WEICON Solutions for Stainless Steel

## WEICONLOCK® - Anaerobic Adhesives and Sealants

Especially designed for economical threadlocking, retaining and sealing of threaded, cylindrical and pipe assemblies. After curing,

the adhesive bonding is resistant to vibration, impact, chemicals, solvents and temperatures from -60°C to +150 °C.

### AN 301-43



- threadlocking
- NSF drinking water certificate  
ANSI Standard 61 and DVGW-approval

higher viscosity  
medium strength  
disassembly with normal tools

50 ml   
30143150

### AN 302-44



- threadlocking for passive materials\*
- requires no activator
- drinking water and DVGW approval

higher viscosity  
medium strength  
disassembly with normal tools

50 ml   
30244150

### AN 302-60



- threadlocking for passive materials\*
- requires no activator

medium viscosity  
high strength  
hard to disassemble

50 ml   
30260150

### AN 305-78



- pipe and thread sealing for passive materials\*
- requires no activator
- drinking water and DVGW approval

high viscosity  
medium strength  
disassembly with normal tools

50 ml   
30578150

**BAM tested and safety-related evaluated according to leaflet M 031-1**  
\*List of nonmetallic materials compatible with oxygen\*  
(DGV information 213-078) of BG RCI

### AN 306-30



- retaining cylindrical assemblies for passive materials\*
- requires no activator

higher viscosity  
high strength  
hard to disassemble

50 ml   
30630150

**BAM tested and safety-related evaluated according to leaflet M 031-1**  
\*List of nonmetallic materials compatible with oxygen\*  
(DGV information 213-078) of BG RCI

- \* Passive materials: (slow curing)
- High-alloy steel
  - Aluminium, nickel, zinc and gold
  - Oxide layers
  - Chromate layers
  - Anodic coatings
  - Plastics and ceramic



Locking of a grub screw



Bonding a stainless-steel screw into a housing



Bonding in and locking screw connections of a pressure unit



You can find further packing sizes and detailed information on WEICON products at [www.weicon.com](http://www.weicon.com)



## Anti-Seize High-Tech

All kinds of influencing factors, such as moisture and friction, lead to damage due to corrosion, seizure, and wear on machines and installations.

Extensive repair and maintenance work at considerable cost are the result.

Especially under critical conditions of application, such as:

- high operation temperatures
- high pressure loads
- outdoor weather conditions

such consequences frequently occur.

WEICON Anti-Seize assembly pastes are especially developed for these requirements. They are used as protecting and separating agents, as well as lubricants, for highly stressed parts, especially at high temperatures. Optimally balanced solid contents as well as selected additives permit a wide range of applications, especially in this area.



Use as separating agent in the steel industry

### Anti-Seize High-Tech

- white high-temperature assembly paste
- metal-free
- NSF-H1 approval



400 ml ✓  
27050400  
Spray

450 g ✓  
26100045  
Can



## Flex 310 M<sup>®</sup> Stainless-Steel

WEICON Flex 310 M Stainless Steel is an elastic adhesive on MS polymer basis. It is suitable for bonding and joint sealing on different metals, such as stainless steel, aluminium and non-ferrous metals. Flex 310 M Stainless Steel can also be used wherever the colour of the sealant and adhesive shall match the material (e.g. stainless steel, aluminium, etc.).



- non-corrosive
- stainless steel appearance
- ISEGA certified

310 ml ✓  
13656310



Adhesive bonding of stainless-steel elements in lift construction



# Stainless Steel

## RK-1300/RK-1500 Structural Acrylic Adhesives

WEICON RK-1300/RK-1500 Structural Adhesives are methacrylate-based 2-component systems that harden quickly and cure at room temperature.

The systems are processed using the „No Mix“ method, i.e. it is not necessary to mix the two components (adhesive and activator). Curing does not start until the workpieces coated with the adhesive and activator are joined.

### RK-1300

- pasty, high strength, fast curing
- for large areas
- temperature-resistant from -50°C up to +130°C (-58°F to +266°F)

60 g\*  
10560060

1,0 kg\*  
10560800

### RK-1500

- liquid, high strength, fast curing
- for large areas
- temperature-resistant from -50°C up to +130°C (-58°F to +266°F)

60 g\*  
10563860

1,0 kg\*  
10563800

\*Complete package, consisting of adhesive and activator



## Plastic-Bond

WEICON Plastic-Bond is a solvent-free structural adhesive with very good adhesion to plastics, aluminum, steel and many more. It is suitable for static as well as dynamic loads, has a high impact and peel strength and a maximum gap filling capacity of 5 mm.

- excellent adhesion on plastics
- high strength
- shock and impact resistant



24 ml  
10565024



## Easy-Mix RK-7000

WEICON Easy-Mix RK-7000 connects many materials, such as plastics, metals, wood or ceramic, with high tensile, shear and impact strength. It is particularly convenient for structural bondings if high strength connections are required. The adhesive is very viscous and is therefore suitable also for applications on vertical surfaces.

- pot life: approx. 15 minutes
- temperature-resistant from -50°C to +130°C (-58°F to +266°F)

- highly viscous
- high-strength
- impact-resistant
- residual elasticity

50 ml  
10565050



## Easy-Mix RK-7200

WEICON Easy-Mix RK-7200 is a high strength, solvent-free and fast curing structural adhesive. It is based on MMA (methyl methacrylate) and has an excellent adhesion on many materials. This adhesive can also be used for structural bondings where a coloured adhesive would not optically match to the construction parts.

- pot life: approx. 1-2 minutes
- temperature-resistant from -40 to +120°C (-40°F to +248°F)

- transparent
- high strength
- impact resistant
- residual elasticity

50 ml  
10564050



Hand Dispenser D50  
10653050

Quadro Mixing Nozzle  
10650005

You can find further packing sizes and detailed information on WEICON products at [www.weicon.com](http://www.weicon.com)



## Technical Sprays and Technical Liquids

Technical Sprays and Liquids are used in nearly all areas of industry.

They are used for the care and protection of surfaces, for cleaning, degreasing, lubricating, releasing, separating and are an indispensable part of day-to-day work.



### Surface Cleaner

- for pre-treatment of bonding surfaces
- Evaporates quickly without residues
- for metal and plastic

400 ml ✓ 11207400      5 L ✓ 15207005

### Stainless Steel Spray

- extremely high resistance to chemicals
- temperature-resistant from -50°C to +300°C (-58°F to +572°F)

400 ml ✓ 11100400

### Metal-Fluid

- for matt and polished surfaces
- for stainless steel, ceramic, glass, plastic and wood
- NSF approval

400 ml ✓ 11580400      5 L ✓ 15580005



### Bio-Fluid

- high lubricating effect, with creeping properties
- highly pure medical white oil
- NSF-H1 approval

500 ml ✓ 11600500      5 L ✓ 15600005



### Stainless Steel Spray bright grade

- with non-corrosive stainless steel pigments
- provides a stainless steel look
- temperature-resistant from -50°C to +300°C (-58°F to +572°F)

400 ml ✓ 11104400

### Stainless Steel Care Spray

- for brushed and polished stainless-steel surfaces, also outdoors
- neutral pH

400 ml ✓ 11590400

### Spray-on Grease H1

- white high-temperature grease
- odourless and tasteless
- NSF-H1 approval

400 ml ✓ 11541400      NSF Nonfood Compounds Program Listed H1 Registration 140651



# WEICON Solutions for Stainless Steel

## Repair Sticks

The simple solution for all repair and maintenance work. Easy to use. Can also be portioned for small repairs at any time.

### Aqua

- for underwater applications
- ceramic-filled

115 g ✓

10531115

### Stainless Steel



- non-corrosive, fast-curing
- stainless steel-filled
- NSF drinking water approval  
ANSI Standard 61

115 g ✓

10538115



## Plastic Metal ST

WEICON ST is suitable for a broad range of repairs and touch-up work on stainless-steel machine parts and workpieces, such as tanks, lines, containers, funnels and flanges.

It can be used in the chemical industry, in the entire marine and inland shipping sector, in sewage plants and paper industry, as well as in many other sectors. Temperature-resistant from  $-35$  to  $+120^{\circ}\text{C}$  ( $-31^{\circ}\text{F}$  to  $+248^{\circ}\text{F}$ ).

- pasty
- stainless steel-filled
- non-corrosive

0,5 kg ✓

10410005

2,0 kg ✓

10410020



## **WEICON GmbH & Co. KG** (Headquarters)

Königsberger Str. 255 · DE-48157 Münster  
P.O. Box 84 60 · DE-48045 Münster  
Germany  
phone +49 (0) 251 9322 0  
info@weicon.de

## **WEICON Middle East L.L.C.**

Jebel Ali Ind Area 1  
P.O. Box 118 216 · Dubai  
United Arab Emirates  
phone +971 4 880 25 05  
info@weicon.ae

## **WEICON Inc.**

20 Steckle Place · Unit 20  
Kitchener · Ontario N2E 2C3 · Canada  
phone +1 877 620 8889  
info@weicon.ca

## **WEICON Kimya Sanayi Tic. Ltd. Şti.**

Orhan Gazi Mahallesi 16. Yol Sokak No: 6  
34517 Hadımköy-Esenyurt · Istanbul  
Turkey  
phone +90 (0) 212 465 33 65  
info@weicon.com.tr

## **WEICON Romania SRL**

Str. Podului Nr. 1  
547176 Budiu Mic (Targu Mures) · Romania  
phone +40 (0) 3 65 730 763  
office@weicon.com

## **WEICON SA (Pty) Ltd**

Unit No. D1 · Enterprise Village  
Capricorn Drive · Capricorn Park  
Muizenberg 7945 (Cape Town) · South Africa  
phone +27 (0) 21 709 0088  
info@weicon.co.za

## **WEICON South East Asia Pte Ltd**

7 Soon Lee Street  
#01-11 iSPACE · Singapore 627608  
Phone (+65) 6710 7671  
info@weicon.com.sg

## **WEICON Czech Republic s.r.o.**

Teplická 305  
CZ-417 61 Teplice-Bystřany  
Česká republika  
phone +42 (0) 417 533 013  
info@weiconcz.cz

## **WEICON Ibérica S.L.**

Av. de Somo Sierra 18, Nave 6  
San Sebastián de los Reyes  
28703 Madrid  
phone +34 (0) 914 7997 34  
info@weicon.es

## **WEICON Italia S.r.L.**

phone +39 (0) 329 235 9592  
info@weicon.it

[www.weicon.com](http://www.weicon.com)



Management  
System  
ISO 9001:2015  
ISO 14001:2015

[www.tuv.com](http://www.tuv.com)  
ID 9108636595



WEICON Solutions for

# Stainless Steel

Art.-No. 11900505

Distributed by: