

WEICON Products for the

# Food, Pharmaceutical and Cosmetic Industry



For further packing sizes and more detailed product information, please visit our website [www.weicon.com](http://www.weicon.com)



## Contact - Cyanoacrylate Adhesives

WEICON Cyanoacrylate Adhesives are cold-curing one-component adhesives, free of solvents. They quickly polymerise by reacting with moisture both on the surfaces to be bonded and from the air, and cure under light pressure.

### VA 110



- for plastic, rubber, metal, ceramic, glass, wood, leather
- for extremely sensitive applications
- NSF approval in accordance with ANSI Standard 61 - Drinking Water

30 g

12052030

### VA 8312

- for plastic, rubber, metal, balsa wood, leather
- very fast curing
- certification ISEGA\*<sup>1</sup>

30 g

12200030



### VA 20

- for rubber and plastics
- very fast curing
- certification ISEGA\*<sup>1</sup>

30 g

12000030

\*1

**ISEGA**

Certificate of Conformity as an adhesive in food technology



Adhesive bonding in the dental sector



Bonding an O-ring in the food sector



Bonding parts of a flour sieve

## Thread Sealing Cord DF 175

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

- immediate sealing effect, temperature resistance from -200°C to +240°C (-328 to +464°F)
- drinking water approvals according to NSF, KTW, WRAS
- 100% PTFE (solid material), silicone-free



Sealing of a threaded pipe



**TZW**

**WRAS**



**BAM**

Federal Institute for Materials Research and Testing



Dispenser 175 m

30010175



# WEICON Products for the Food, Pharmaceutical and Cosmetic Industry

## WEICONLOCK® - Anaerobic adhesives and sealants

WEICONLOCK products are high quality anaerobic adhesives and sealants on the basis of special methacrylate resins, especially made for economical threadlocking, retaining and sealing of threaded, cylindrical and pipe assemblies.

The characteristic feature of WEICONLOCK is the curing in contact with metal while deprived of air. It provides a shock and vibration-resistant joint with excellent resistance to chemicals and solvents.



Brass thread connection of a drinking water pipe with AN 301-65

### AN 302-43 TZW

- Threadlocking
- KTW drinking water approval and DVGW-approval

higher viscosity • medium strength  
disassembly with normal tools

50 ml   
30243150

### 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 301-70

- Threadlocking
- NSF drinking water certificate  
ANSI Standard 61

medium viscosity • high strength  
hard to disassemble

50 ml   
30170150

### AN 301-48

- Retaining cylindrical assemblies
- NSF drinking water certificate  
ANSI Standard 61 and DVGW-approval

medium viscosity • high strength  
hard to disassemble

50 ml   
30148150

### AN 301-38

- Retaining cylindrical assemblies
- NSF drinking water certificate  
ANSI Standard 61

medium viscosity • high strength  
hard to disassemble

50 ml   
30138150

### AN 306-20 TZW

- Retaining cylindrical assemblies
- KTW drinking water approval
- DVGW- and BAM-approval

higher viscosity • high strength  
hard to disassemble

50 ml   
30620150

### AN 301-72

- Pipe- and flange sealing (with PTFE)
- NSF drinking water certificate  
ANSI Standard 61 and DVGW-approval

high viscosity • medium strength  
disassembly with normal tools

50 ml   
30172150

### AN 301-65

- Pipe- and flange sealing (with PTFE)
- NSF drinking water certificate ANSI Standard 61 and DVGW-approval
- gap filling capacity up to 0,5 mm

high viscosity • medium strength  
disassembly with normal tools

50 ml   
30165150

Sealing and locking of a  
beverage tap system with  
WEICONLOCK AN 301-43



For further packing sizes and more detailed product information, please visit our website [www.welcon.com](http://www.welcon.com)



## Elastic Adhesives and Sealants

Elastic adhesives and sealants are used today in many areas of industrial production and assembly. They combine the advantages of adhesive bonding and sealing technology and are used wherever the elasticity and the sealing of a joint are the most important requirements.



### Flex 310 M® Stainless steel

- non-corrosive
- stainless steel appearance
- ISEGA certificate\*1

290 ml ✓  
13656290

### Flex 310 M® Classic

- free of isocyanates and solvents
- for universal use
- ISEGA-certificate\*1

310 ml ✓  
13303310  
white: RAL 9003\*2

310 ml ✓  
13305310  
grey: RAL 7000\*2

310 ml ✓  
13304310  
black: RAL 9004\*2

### Flex 310 M® Crystal

- crystal-clear curing
- good resistance to UV rays
- good aging stability

310 ml ✓  
13308310

### Aqua-Flex

- adheres on wet and damp surfaces
- cures under water
- ISEGA certificate\*1

310 ml ✓  
13700310  
white: RAL 9003\*2

310 ml ✓  
13702310  
grey: RAL 7000\*2

310 ml ✓  
13701310  
black: RAL 9004\*2

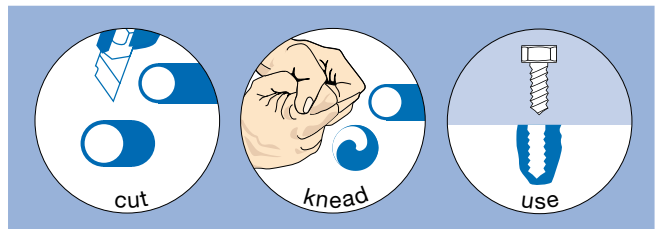


\*1 **ISEGA**  
Certificate of Conformity as an adhesive in food technology

\*2 Corresponds approximately to the specified RAL colours

## Repair Sticks

The easy solution for all repair and maintenance work. Always the right portion, even for small repairs, easy use.



### Stainless steel



- quick mechanical loading capacity
- colour: grey
- NSF drinking water certificate ANSI Standard 61

115 g ✓  
10538115

### Steel



- fast curing
- colour: dark grey
- NSF drinking water certificate ANSI Standard 61

115 g ✓  
10533115

### Copper



- very fast curing
- colour: copper
- NSF drinking water certificate ANSI Standard 61

115 g ✓  
10530115

### Plastic



- residual elasticity
- colour: light blue
- NSF drinking water certificate ANSI Standard 61

115 g ✓  
10536115

# WEICON Products for the Food, Pharmaceutical and Cosmetic Industry

## Technical Sprays and Liquids

Technical sprays and liquids find their applications in almost all industrial sectors.

They are used for the care and protection of surfaces, for cleaning and degreasing, lubricating, releasing and separating, and are an essential part in the daily work.

### Surface Cleaner

- for the pre-treatment of bonding surfaces
- evaporates quickly without leaving residues
- for metal and plastic surfaces

400 ml ✓ 11207400      5 L ✓ 15207005

### Workshop-Cleaner

- biodegradable
- temporary corrosion protection
- free of solvents, can be diluted with water

5 L ✓ 15205005

### Silicon-Fluid

- NSF-H1 approval\*
- excellent sliding and separating effect
- temperature resistance from -30°C up to +250°C

400 ml ✓ 11351400

### Metal-Fluid

- for matt and polished surfaces
- for stainless steel, ceramics, glass, plastics, wood
- NSF approval

400 ml ✓ 11580400      5 L ✓ 15580005

### Bio-Cut Cutting oil

- universal oil for all metal-cutting works
- biodegradable
- free of mineral oil and silicon

400 ml ✓ 11750400      5 L ✓ 15750005

### Bio-Fluid

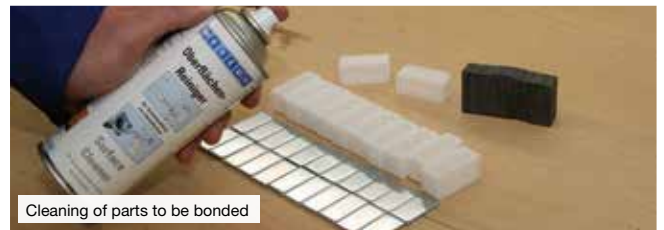
- high lubricating effect and good creeping properties
- high-purity medical white oil
- NSF-H1 approval\*

500 ml ✓ 11600500      5 L ✓ 15600005

### Spray-on Grease H1

- white grease, high-temperature resistant
- odour- and tasteless
- NSF-H1 approval\*

400 ml ✓ 11541400



Cleaning of parts to be bonded



Cleaning of big parts



NSF Certificate for use in the foodstuff industry, with direct/indirect contact to food according to USDA H1/H2

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## Anti-Seize – Assembly Pastes

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 solids contents as well as selected additives permit a wide range of applications in this area.



Use as a separating agent in the steel industry

### Anti-Seize High-Tech

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



NSF Certificate for use in the foodstuff industry, with direct contact to food according to USDA H1

400 ml   
27050400  
Spray

450 g   
26100045  
Can



## Allround Lubricant - High Performance Greases

Even in the present “high-tech age” problems due to friction and wear are a matter in a lot of industrial sectors. Extensive repairs, longer downtimes, shorter maintenance intervals and lower serviceable lives of plant and equipment are the consequence and cause enormous costs every year.

Therefore it is important to fulfil the requirements for long-term operational dependability of plant and equipment already in the development and construction phase.



Bild: System lubrication in the food sector

### AL-H

- white grease particularly suitable for the food production technology
- smooth consistency, NLGI class 1
- NSF-H1 approval



NSF Certificate for use in the foodstuff industry, with direct contact to food according to USDA H1

400 g   
26500040  
Cartridge

### AL-F

- white grease, pressure-resistant
- high viscosity, NLGI class 2
- NSF-H2 approval



































NSF Certificate for use in the foodstuff industry, with indirect contact to food according to USDA H2

400 g   
26550040  
Cartridge



# WEICON Products for the Food, Pharmaceutical and Cosmetic Industry

## Overview approvals and certificates

	Institute	Art.-No.	Content
Allround Lubricant AL-F	 Certificate for use in the foodstuff industry, with indirect contact to food according to USDA H2	26550040	400 g Cartridge
Allround Lubricant AL-H	 Certificate for use in the foodstuff industry, with direct contact to food according to USDA H1	26500040	400 g Cartridge
Anti-Seize High-Tech	 Certificate for use in the foodstuff industry, with direct contact to food according to USDA H1	27050400	400 ml Spray
		26100045	450 g Can
Aqua-Flex	 Certificate of Conformity as an adhesive in food technology	13700310 (white)*	310 ml Cartridge
Bio Fluid	 Certificate for use in the foodstuff industry, with direct contact to food according to USDA H1	11600500	500 ml Can
		15600005	5 L Canister
Contact Cyanoacrylate Adhesive VA 110	 NSF drinking water certificate ANSI Standard 61	12052030	30 g Pen
Contact Cyanoacrylate Adhesive VA 8312	 Certificate of Conformity as an adhesive in food technology	12200030	30 g Pen
Flex 310 M® Classic	 Certificate of Conformity as an adhesive in food technology	13305310 (grey)*	310 ml Cartridge
Flex 310 M® Stainless Steel		13656290	290 ml Cartridge
Thread Sealing Cord DF 175	    	30010175	175 m Dispenser
Metal-Fluid	 Non-food Compounds Registration Programme Category Code: A7, C1	11580400	400 ml Spray
		15580005	5 L Canister
Repair Stick Stainless Steel	 NSF drinking water certificate ANSI Standard 61	10538115	115 g
Repair Stick Plastic		10536115	115 g
Repair Stick Copper		10530115	115 g
Repair Stick Steel		10533115	115 g
Silicon-Fluid	 Certificate for use in the foodstuff industry, with direct contact to food according to USDA H1	11351400	400 ml Spray
Spray-On Grease H1	 Certificate for use in the foodstuff industry, with direct contact to food according to USDA H1	11541400	400 ml Spray
WEICONLOCK® AN 301-38	 NSF drinking water certificate ANSI Standard 61	30138150	50 ml Pen
WEICONLOCK® AN 301-43	 	30143150	50 ml Pen
WEICONLOCK® AN 301-48	 	30148150	50 ml Pen
WEICONLOCK® AN 301-65	 	30165150	50 ml Pen
WEICONLOCK® AN 301-70	 NSF drinking water certificate ANSI Standard 61	30170150	50 ml Pen
WEICONLOCK® AN 301-72	 	30172150	50 ml Pen
WEICONLOCK® AN 302-43	 	30243150	50 ml Pen
WEICONLOCK® AN 306-20	  	30620150	50 ml Pen

\*also available in other colours, see page 4.

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