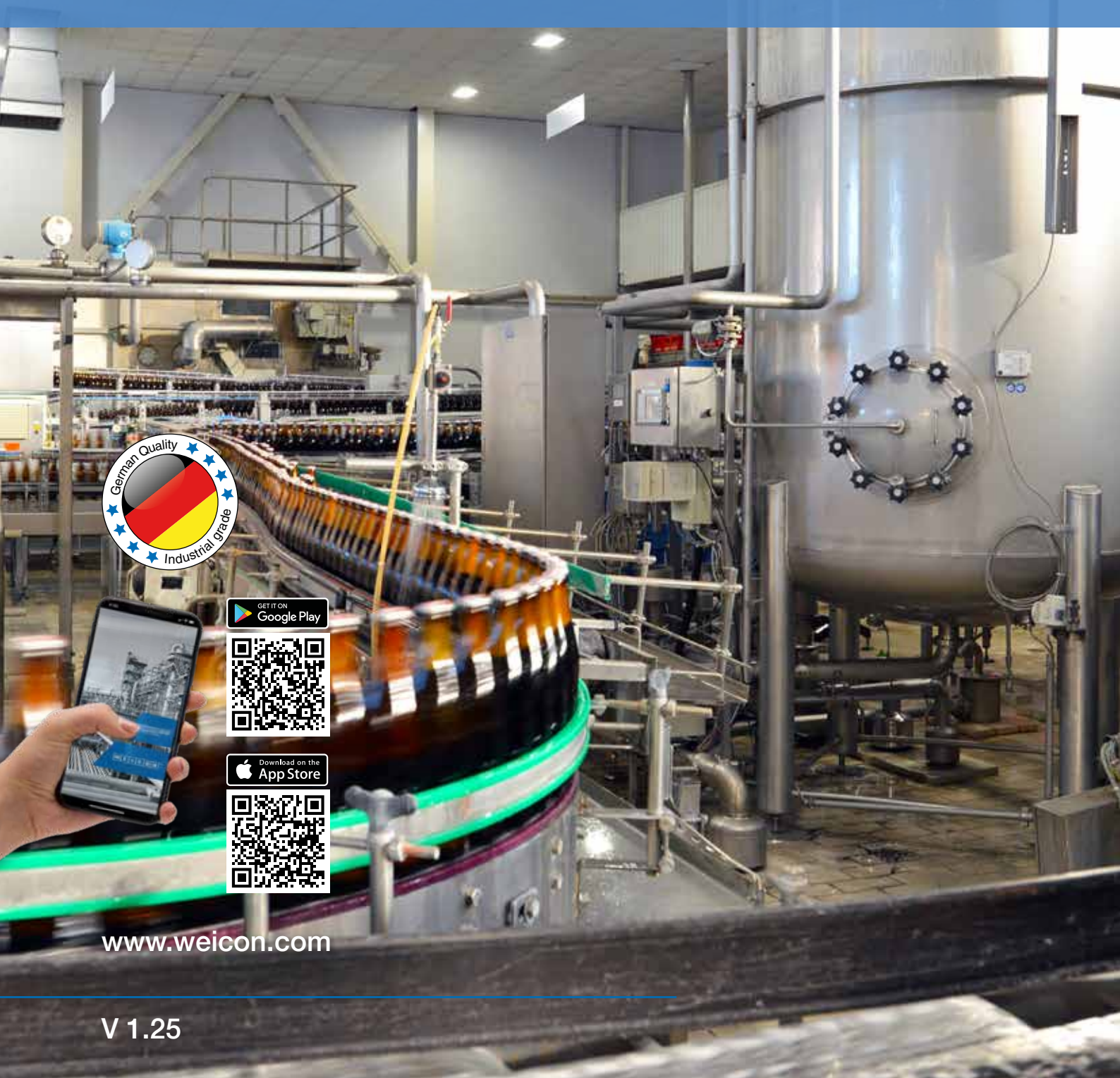




APPLICATIONS & PRODUCTS

FOOD INDUSTRY



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V 1.25

Repair and restoration of pumps in a tomato factory



DESCRIPTION

- ▶ surface pre-treatment with sandblasting (SA 2½)
- ▶ cleaning with WEICON Cleaner Spray S
- ▶ application of WEICON WR2 to fill cavitation damages
- ▶ final coating as wear protection with WEICON Ceramic BL



Cleaner Spray S

- ▶ 500 ml
10000147



WEICON WR2

- ▶ 0.2 kg
10054401
- ▶ 0.5 kg
10000087
- ▶ 2.0 kg
10000088



WEICON Ceramic BL

- ▶ 0.2 kg
10054394
- ▶ 0.5 kg
10000093
- ▶ 2.0 kg
10005233



Advantage of our solution:

- ▶ restoration of the full pump capacity
- ▶ avoiding higher costs of 1,800 EUROS

Repair of a stainless steel pipe used to process tomatoes

DESCRIPTION

- ▶ roughening the damaged area
- ▶ cleaning with WEICON Cleaner S
- ▶ closing and sealing the damaged area with WEICON Repair Stick Steel
- ▶ stabilising, sealing and strengthening the damaged area with WEICON Repair-Tape
- ▶ final coating with WEICON Zinc Spray as corrosion protection and for visual enhancement



WEICON Pipe Repair-Kit

5/15 ▶ 5 cm x 1.5 m 10055737 white	5/35 ▶ 5 cm x 3.5 m 10055738 white	10/35 ▶ 10 cm x 3.5 m 10055740 white	12/100 ▶ 12 cm x 10 m 10057026 white
--	--	--	--

5/15 ▶ 5 cm x 1.5 m 10067737 black	5/35 ▶ 5 cm x 3.5 m 10067741 black	10/35 ▶ 10 cm x 3.5 m 10067743 black
--	--	--



Zinc Spray

▶ 400 ml
10000016



Advantages of our solution:

- ▶ withstands a pressure of 8 bar
- ▶ suitable for the food sector due to NSF standard
- ▶ low-cost repair
- ▶ simple, long-term and fast application

Bonding of flour sieves in the food industry



DESCRIPTION

- ▶ cleaning of anodised aluminium with WEICON Fast Cleaner
- ▶ stretching the net made of special silk over the aluminium frame
- ▶ application of the adhesive WEICON Contact VA 20 to the aluminium frame with the stretched special silk
- ▶ treatment of the adhesive areas with WEICON Activator to accelerate the curing speed and to achieve immediate handling strength



VA 20

▶ 30 g
10016618



▶ 60 g
10019781

▶ 500 g
10000215



Fast Cleaner

▶ 500 ml
10039119



Advantage of our solution:

- ▶ fast, economical and uncomplicated assembly
- ▶ additional tensioning frame is not required



Activator

▶ 150 ml
10000282

VIDEO



Bonding, sealing, lubricating, greasing as well as maintaining olive processing machines



DESCRIPTION

- ▶ use of WEICON products in five areas for separator maintenance
- ▶ use of WEICONLOCK® AN 305-18 for surface sealing at the connection of two axles
- ▶ use of WEICONLOCK® AN 306-41 for fastening bearings
- ▶ bonding of a metal-plastic joint with WEICON Contact VA 1401
- ▶ wear protection coating by means of WEICON WP on screw conveyors



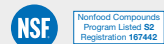
AN 306-41

- ▶ 50 ml 10017892
- ▶ 200 ml 10020033



AN 305-18

- ▶ 50 ml 10019941
- ▶ 200 ml 10019999



VA 1401

- ▶ 30 g 10016402
- ▶ 60 g 10019787



WEICON HP

- ▶ 0.2 kg 10054393
- ▶ 0.5 kg 10054003
- ▶ 2.0 kg 10054004



Advantage of our solution:

- ▶ easy application of the products in maintenance

Cleaning of stainless steel containers and bonding of sight glasses on olive processing machines



DESCRIPTION

- cleaning of the main body with WEICON Metal Fluid
- use of WEICON Flex 310 M® for bonding and sealing metal and glass



Metal-Fluid

► 400 ml
10016338



Flex 310 M® Classic

► 310 ml
10010024
black

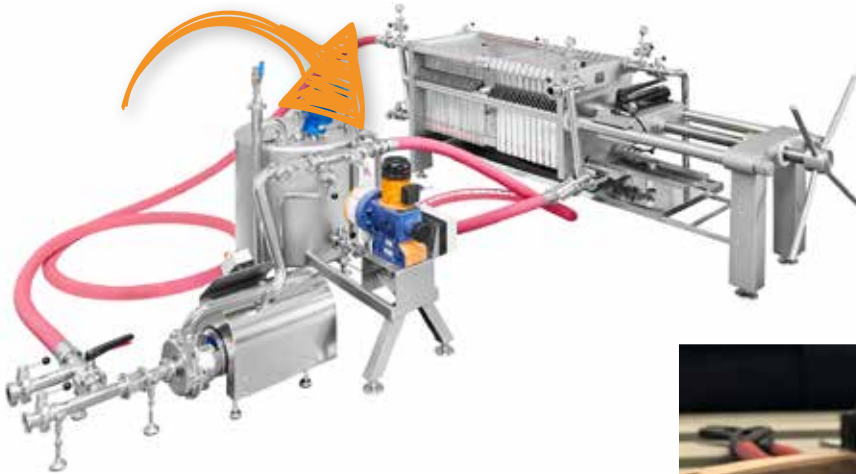
VIDEO



Advantage of our solution:

- long-lasting, safe and economical maintenance by means of various products

Bonding inlet and outlet valves on a wine filtration system



DESCRIPTION

- ▶ The system has numerous inlet and outlet valves made of stainless steel (VA 316, VA 304)
- ▶ Previous sealing of valves and pipes with PTFE tape is insufficient
- ▶ A sealant with NSF approval was required that is resistant to the potassium hydroxide solution used as a cleaning agent
- ▶ Use of WEICONLOCK AN 301-43 in combination with WEICONLOCK Activator F for sealing



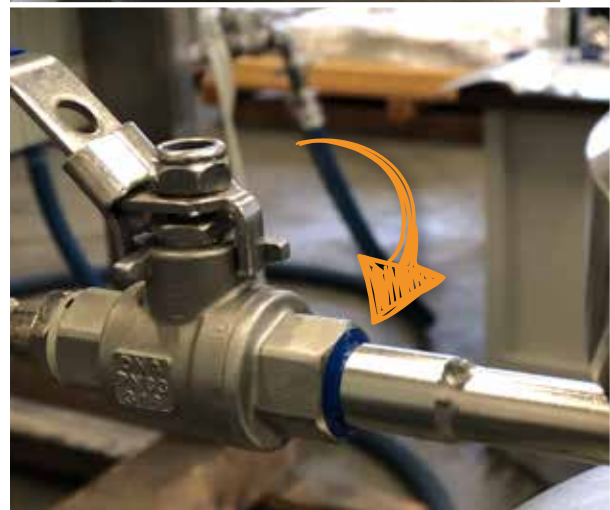
AN 301-43

- | | | |
|----------|----------|----------|
| ▶ 20 ml | ▶ 50 ml | ▶ 200 ml |
| 10026819 | 10026814 | 10026817 |



WEICONLOCK Activator F

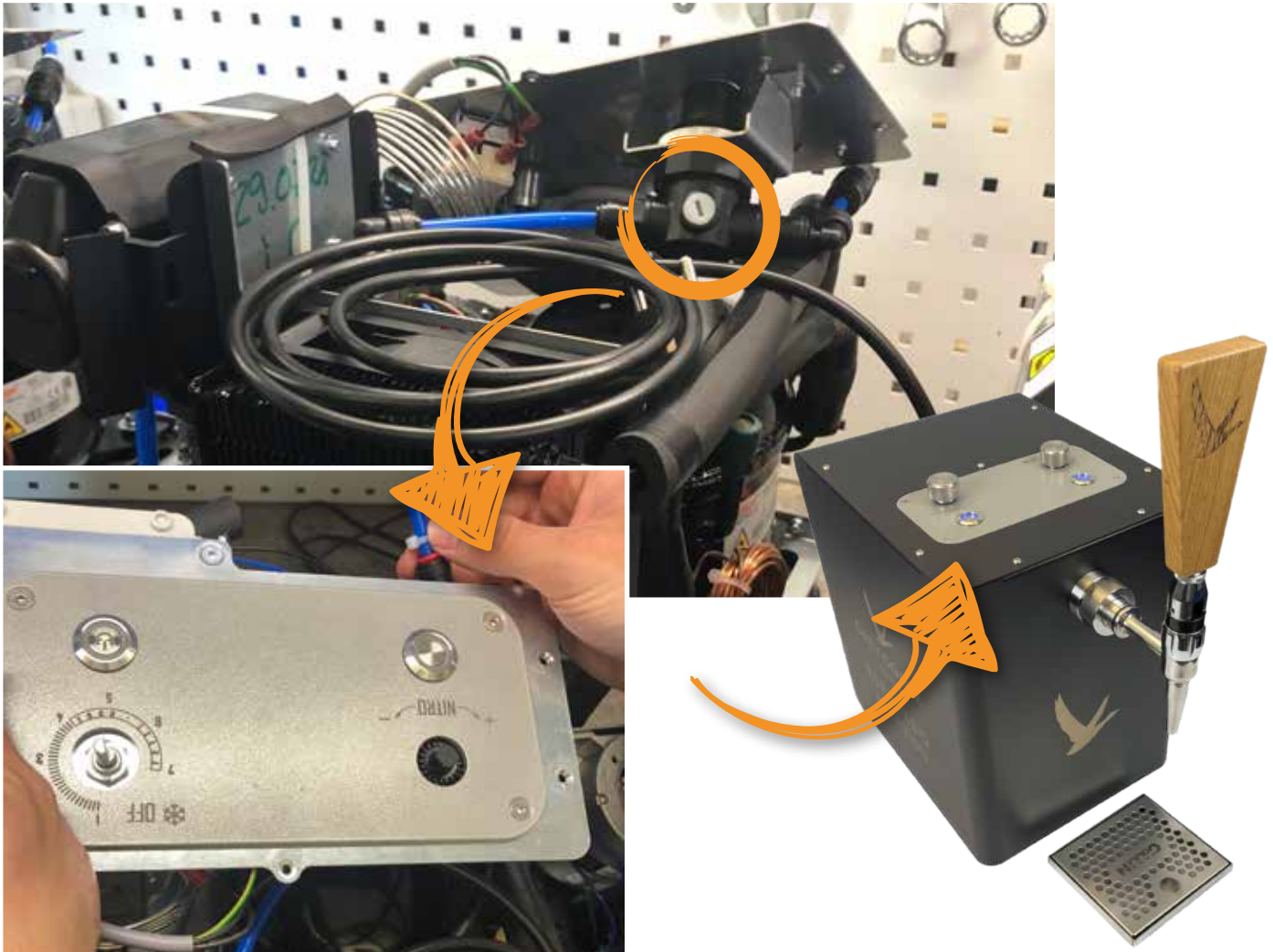
- | | | |
|-----------------|-------------------|---------------------------|
| ▶ 60 ml | ▶ 200 ml | ▶ 1 L |
| 10055677
Pen | 10021433
Spray | 10068395
Aluminium can |



Advantages of our solution:

- ▶ High-strength permanent sealing effect with approval for use in food contact applications

Sealing/adhesive bonding on tap systems



DESCRIPTION

- ▶ The plastic thread on PE sleeves required sealing
- ▶ NSF/FDA approval required for worldwide export
- ▶ Airtightness and NSF/FDA conformity as a requirement for the application
- ▶ Sealing of the compressed air regulator with WEICON Contact VA 1401



Advantages of our solution:

- ▶ Easy to handle
- ▶ Does not bloom
- ▶ Adhesive stays where applied and adheres quickly



VA 1401

- | | |
|--------------------|---------------------|
| ▶ 12 g
10018869 | ▶ 30 g
10016402 |
| ▶ 60 g
10019787 | ▶ 500 g
10001557 |

Sealing/adhesive bonding on tap systems



DESCRIPTION

- ▶ Thermometer case handmade from German oak and stainless steel frame
- ▶ It is required to permanently connect the wooden manometer with VA using a 1-component adhesive
- ▶ Bonding with WEICON Contact Gel



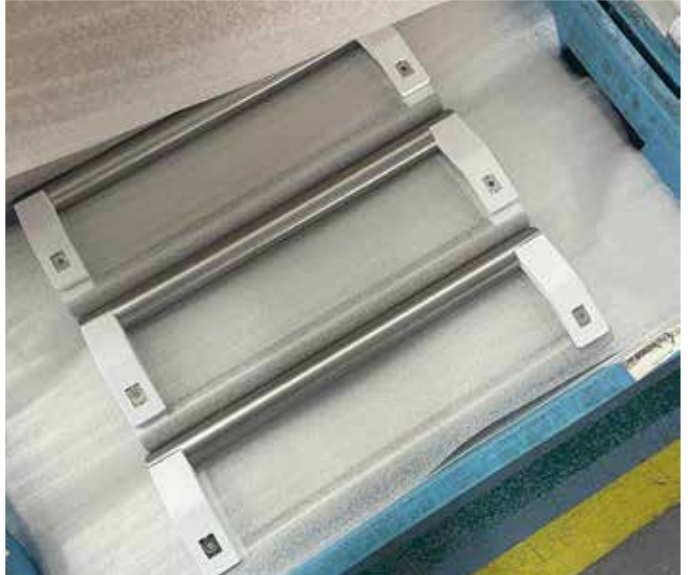
Contact GEL

- ▶ 20 g 10002033
- ▶ 30 g 10018589

Advantages of our solution:

- ▶ Fast curing
- ▶ Easy handling for visually sophisticated components

Bonding refrigerator handles



DESCRIPTION

- ▶ bonding of aluminium and ABS polymer
- ▶ cleaning the components with WEICON Surface Cleaner
- ▶ application of WEICON Flex 310 M® Super-Tack
- ▶ joining the parts



Surface Cleaner

▶ 150 ml 10024317 ▶ 400 ml 10024313



Flex 310 M® Super-Tack

▶ 290 ml 10023929
grey



 **Advantage of our solution:**

- ▶ fast, cost-effective adhesive bond in line with the design
- ▶ alternative to screws, no visible joints

Cleaning and protection of coffee roasting machines before delivery



DESCRIPTION

- For parts made of stainless steel and powder-coated surfaces
- Spray on WEICON Metal-Fluid and polish with a clean, soft cotton cloth



Metal-Fluid

► 400 ml
10016338



Advantages of our solution:

- Meets the high NSF standards for the food sector
- Lasting protection against fingerprints and new soiling

Threadlocker on adjustment screws of pneumatic valve



DESCRIPTION

- ▶ Threadlocker on the pneumatic valve of a yoghurt filling machine to prevent the adjustment screws from loosening



Certified to
NSF/ANSI 61



AN 301-43

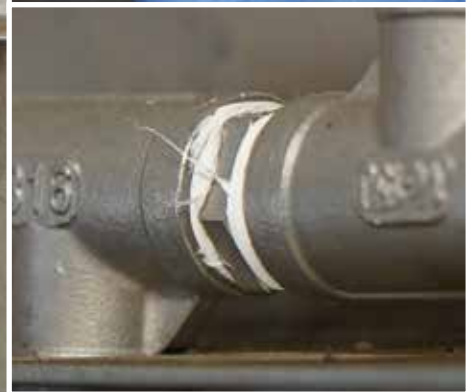
▶ 20 ml	▶ 50 ml	▶ 200 ml
10026819	10026814	10026817



Advantages of our solution:

- ▶ production reliability and safety
- ▶ corrosion protection
- ▶ reduction of setup time
- ▶ fast and easy application

Sealing of a compressed air line in the dairy industry



DESCRIPTION

- ▶ compressed air line for a filling machine on a dairy farm
- ▶ cleaning with WEICON Surface Cleaner
- ▶ apply WEICON Thread Sealing Cord DF 175 following the thread direction
- ▶ creates a PTFE film of the required thickness during tightening



Surface Cleaner

- ▶ 150 ml 10024317
- ▶ 400 ml 10024313



Thread Sealing Cord DF 175

- ▶ Dispenser 175 m 10026655

Advantages of our solution:

- ▶ adjustable after installation
- ▶ non-flammable and safe to use in temperatures ranging from -200 °C to +240 °C
- ▶ fast and simple installation

Wear protection on the sieve holder in a malting plant for the brewing industry



DESCRIPTION

- ▶ above the sieve unit (Ø 30 m) of a malting plant, the germinated and dried grain causes slight abrasion
- ▶ the recesses in the concrete need to be protected as best as possible
- ▶ removal of loose concrete residues, followed by cleaning with WEICON Cleaner Spray S
- ▶ application of WEICON Casting Resin MS 1000 as an adhesion or bonding layer
- ▶ application of WEICON Food Grade, the coating was applied in two layers on two consecutive days
- ▶ then roughening of the surfaces with 60 to 80 grit sandpaper
- ▶ followed by cleaning with WEICON Cleaner Spray S
- ▶ observe the flash-off time and then apply Food Grade again
- ▶ for this application 20 kg WEICON Food Grade and 5 kg WEICON Casting Resin MS 1000 were used



Casting Resin MS 1000

- | | | |
|----------|----------|----------|
| ▶ 0.2 kg | ▶ 0.5 kg | ▶ 1.0 kg |
| 10054402 | 10040057 | 10000168 |



WEICON Food Grade

- | | | |
|----------|----------|----------|
| ▶ 0.2 kg | ▶ 0.5 kg | ▶ 2.0 kg |
| 10062864 | 10062869 | 10062875 |



Advantages of our solution:

- ▶ protection of the base material
- ▶ no contamination of the grain
- ▶ approval for use in food contact applications



Cleaner Spray S

- | |
|----------|
| ▶ 500 ml |
| 10000147 |

Coating of steel supports on shrimp breeding tanks

DESCRIPTION

- ▶ anti-corrosion coating of a hot-dip galvanised steel support that had to be suitable for the food industry
- ▶ the tanks filled with salt water are breeding tanks for shrimps



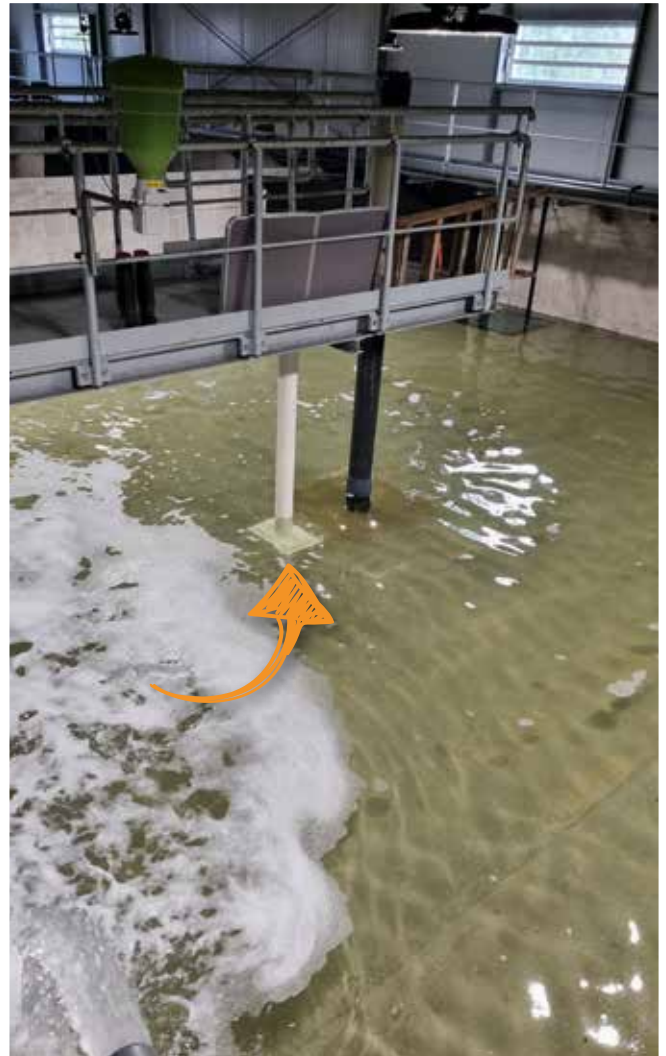
Cleaner Spray S

▶ 500 ml
10000147



WEICON Food Grade

▶ 0.2 kg ▶ 0.5 kg ▶ 2.0 kg
10062864 10062869 10062875



Advantages of our solution:

- ▶ approval for use in food contact applications
- ▶ high, long-lasting protection against corrosion

Technical sprays in the food industry



DESCRIPTION

- use, for example, on conveyor and packaging machines in the warehouse and in processing
- WEICON W 44 T-Fluid is mainly used in warehouses and laundries as a multi-oil on chains, gates and corroded surfaces



NSF
H1
NSF
H1
NSF
H1

Bio-Fluid

- 200 ml 10027448
- 500 ml 10000158



NSF
H1
NSF
H1
NSF
H1

W 44 T®-Fluid

- 400 ml 10039113

Advantages of our solution:

- safe use in the food industry
- wide range of applications
- excellent helpers for daily maintenance work

VIDEO



Typical applications in the food industry



Raw material delivery

Processing

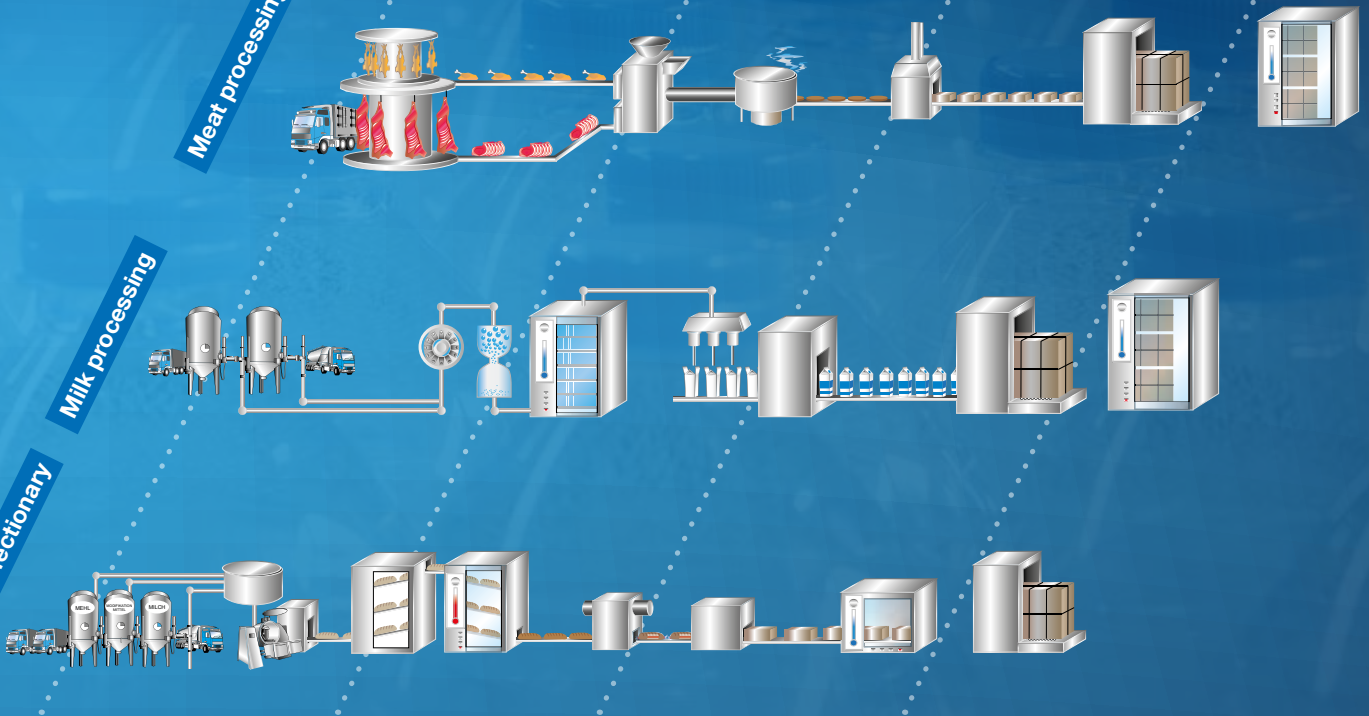
Packaging | Labelling

Palletising | Storing

Meat processing

Milk processing



































Pastries and confectionary





FOOD CERTIFICATIONS

With our selection of chemo-technical products with food certifications, we ensure that you get the right products for your production, maintenance and repair processes which meet your exact requirements quality- and safety-wise.

Allround Lubricant AL-F	Food area, classification code: H2, Registration No. 136173	
Allround Lubricant AL-H	Food area, classification code: H1, Registration No. 136174	
Anti-Seize High-Tech	Food area, classification code: H1, Registration No. 141636	
Aqua-Flex	Certificate of Conformity as an adhesive in food technology	
Bio-Fluid	Food area, classification code: H1, Registration No. (Spray), 136172 (Liquid)	
Contact Activator	Food area, classification code: P1, Registration No. 155051	
Contact Activator AC	Food area, classification code: P1, Registration No. 155052	
Contact Activator PS	Food area, classification code: P1, Registration No. 169119	
Contact-Cyanoacrylate Adhesive VA 20	Certificate of Conformity as an adhesive in food technology	
Contact-Cyanoacrylate Adhesive VA 100	Certificate of Conformity as an adhesive in food technology	
Contact-Cyanoacrylate Adhesive VA 110	NSF drinking water certificate ANSI Standard 61	
Contact-Cyanoacrylate Adhesive VA 1401	Food area, classification code: S4, Registration No. 162959	
Contact-Cyanoacrylate Adhesive VA 8312	Certificate of Conformity as an adhesive in food technology	
Contact-Cyanoacrylate Adhesive VA 8406	Certificate of Conformity as an adhesive in food technology	
Stainless Steel Care A7	Food area, classification code: A7, Registration No. 165294	
Flex 310 M® Classic	Certificate of Conformity as an adhesive in food technology	
Flex+bond®	Certificate of Conformity as an adhesive in food technology	
Flex 310 PU	Certificate of Conformity as an adhesive in food technology	
Industrial Cleaner	Food area, classification code: K1 K3, Registration No. 161996	
Metal-Fluid	Food area, classification code: Registration No. 135124 A7 (Spray), 135125 A7, C1 (Liquid)	
Ceramic BL	Certificate of Conformity as an adhesive in food technology	
GL-S	Certificate of Conformity as an adhesive in food technology	
Pipe Repair-Kit	NSF drinking water certificate ANSI Standard 61	
ProSeal	Certificate of Conformity as an adhesive in food technology	
PTFE-Fluid	Food area, classification code: H2, Registration No. 152620	
Repair Sticks	NSF drinking water certificate ANSI Standard 61	
Stainless Steel Plastic Copper Steel	NSF drinking water certificate ANSI Standard 61 Facility #1 USA	
Multi-Purpose		
Rust Loosener-Fluid	Food area, classification code: H1, Registration No. 152621	
Foam Cleaner	Food area, classification code: A1, Registration No. 157612	
Windscreen Adhesive	Certificate of Conformity as an adhesive in food technology	
Fast Cleaner	Food area, classification code: A1, Registration No. 156578	
Silicone Grease	Food area, classification code: H1, Registration No. 156645 drinking water certificate: Tested by the Ruhr Region Institute of Hygiene	
Silicone Grease HV	Food area, classification code: H1, Registration No. 164208 drinking water certificate: Tested by the Ruhr Region Institute of Hygiene	
Silicon-Fluid	Food area, classification code: H1, Registration No. 150726	

Adhesives

NSF/ANSI Standard 61	Clearance certificate for the direct use in the potable water and food industry according to NSF/ANSI (Standard 61)	Repair Sticks Copper Steel Plastic Stainless Steel Multi-Purpose (Facility #1 USA) Contact VA 110 WEICONLOCK AN 301-38 AN 301-43 AN 301-48 AN 301-65 AN 301-70 AN 301-72 Pipe Repair Kit
S4	Adhesives exclusively for areas where direct or indirect contact with food can be ruled out.	Contact VA 1401 WEICONLOCK AN 302-43
S2	Sealants exclusively for areas where direct or indirect contact with food can be ruled out.	WEICONLOCK SI 303-31 WEICONLOCK AN 305-77 Silicone LP

Lubricants, Release Agents and Anti-Corrosion Agents










































H1	Lubricant with incidental food contact for use in and around food processing areas.	Anti-Seize High-Tech Bio-Fluid (Spray, Liquid) Silicone-Fluid Spray-on Grease H1 Rust Loosener-Fluid W 44 T®-Fluid Allround-Lubricant AL-H Silicone Grease Silicone Grease HV
H2 <small>S: NO FOOD CONTACT</small>	Lubricant where there is no possibility of food contact in and around food processing areas.	PTFE-Fluid Top-Lube-Fluid Allround-Lubricant AL-F

Cleaning Agents

A1	General cleaner for surfaces in and around food processing areas, where its use is not intended for direct food contact. A potable water rinse of cleaned surfaces is required after use of this product.	WEICON Fast Cleaner (Spray, Liquid) WEICON Foam Cleaner
A7	Metal cleaner and polisher for nonfood contact surfaces in and around food processing areas. Odors associated with the compound must be dissipated before food products or packaging materials are re-exposed in the area.	WEICON Metal-Fluid (Spray, Liquid) WEICON Stainless Steel Care A7
C1	Cleaner for use in inedible product processing areas. Treated equipment that will be returned to a food processing area must be completely washed off and rinsed with potable water.	WEICON Metal-Fluid (Liquid)
K1 K3	Solvent-based cleaners and degreasers for use in non-food processing areas. Solvent-based adhesive removers without direct food contact.	WEICON Industrial Cleaner

Other

P1	Not suitable for direct or indirect contact to food	CA-Activator Spray CA-Activator Spray AC (based on acetone) CA-Activator Spray PS
R2	Coatings for use on structural surfaces that do not come into contact with food. The product must be applied in a way that prevents direct or indirect contamination of food.	Zinc Spray Zinc Spray bright grade

Silicon LP	Food area, classification code: S2, Registration No. 158659 drinking water certificate: Tested by the Ruhr Region Institute of Hygiene	 
Speed-Flex®	Certificate of Conformity as an adhesive in food technology	 
Speed-Flex® Crystal	Certificate of Conformity as an adhesive in food technology	 
Spray-On Grease H1	Food area, classification code: H1, Registration No. 140651	
Top-Lube-Fluid	Food area, classification code: H2, Registration No. 152617	
W 44 T®-Fluid	Food area, classification code: H1, Registration No. 152619	
WEICONLOCK® AN 301-38	NSF drinking water certificate ANSI Standard 61	
WEICONLOCK® AN 301-43	NSF drinking water certificate ANSI Standard 61	
WEICONLOCK® AN 301-48	NSF drinking water certificate ANSI Standard 61 WRAS	 
WEICONLOCK® AN 301-65	NSF drinking water certificate ANSI Standard 61	
WEICONLOCK® AN 301-70	NSF drinking water certificate ANSI Standard 61	
WEICONLOCK® AN 301-72	NSF drinking water certificate ANSI Standard 61 WRAS	 
WEICONLOCK® AN 302-42	Tested after IVK-recommendation by: Institute of hygiene in the Ruhr area	
WEICONLOCK® AN 302-43	Tested after IVK-recommendation by: Institute of hygiene in the Ruhr area, classification code: S4, Registration No. 169864	 
WEICONLOCK® AN 302-44	Tested after IVK-recommendation by: Institute of hygiene in the Ruhr area	
WEICONLOCK® AN 302-60	Tested after IVK-recommendation by: Institute of hygiene in the Ruhr area	
WEICONLOCK® AN 302-70	Tested after IVK-recommendation by: Institute of hygiene in the Ruhr area	
WEICONLOCK® AN 302-72	Tested after IVK-recommendation by: Institute of hygiene in the Ruhr area	
WEICONLOCK® AN 302-80	Tested after IVK-recommendation by: Institute of hygiene in the Ruhr area	
WEICONLOCK® AN 306-10	Tested after IVK-recommendation by: Institute of hygiene in the Ruhr area	
WEICONLOCK® AN 306-20	Tested after IVK-recommendation by: Institute of hygiene in the Ruhr area WRAS	 
WEICONLOCK® AN 306-30	Tested after IVK-recommendation by: Institute of hygiene in the Ruhr area	
WEICONLOCK® AN 306-38	Tested after IVK-recommendation by: Institute of hygiene in the Ruhr area	
WEICONLOCK® AN 306-48	Tested after IVK-recommendation by: Institute of hygiene in the Ruhr area	
WEICONLOCK® AN 305-11	Tested after IVK-recommendation by: Institute of hygiene in the Ruhr area	
WEICONLOCK® AN 305-72	Tested after IVK-recommendation by: Institute of hygiene in the Ruhr area	
WEICONLOCK® AN 305-77	Food area, classification code: S2, Registration No. 159910 Tested after IVK-recommendation by: Institute of hygiene in the Ruhr area WRAS	  
WEICONLOCK® AN 305-78	Tested after IVK-recommendation by: Institute of hygiene in the Ruhr area	
WEICONLOCK® SI 303-31	Food area, classification code: S2, Registration No. 157190 Certificate of Conformity as an adhesive in food technology drinking water certificate: Tested by the Ruhr Region Institute of Hygiene	 
Zinc Spray	Food area, classification code: R2, Registration No. 156012	
Zinc Spray bright grade	Food area, classification code: R2, Registration No. 156013	

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FOOD INDUSTRY

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