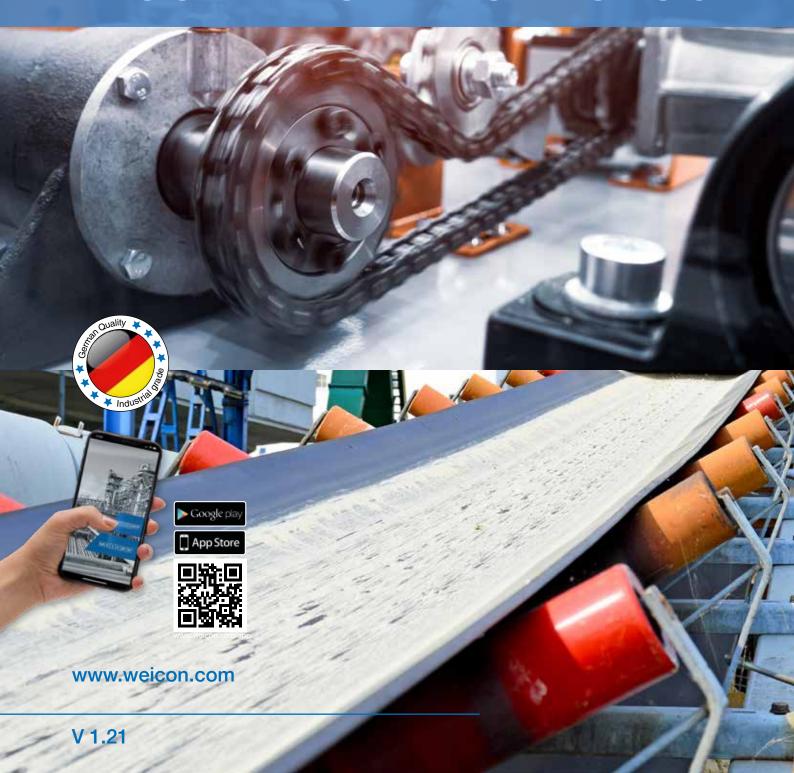




WEICON Products for

DRIVE AND CONVEYOR TECHNOLOGY





DRIVE AND CONVEYOR TECHNOLOGY

For smooth processes in many industrial areas, the drive and conveyor technology plays an important role.

Without these machines, there is literally not much going on in manufacturing companies. Whether conveyor belts, bucket elevators, carrier belts, driving pulleys, V-belts, toothed belts, rolling bearings, ball bearings, plain bearings, or sliding guides - they are all constantly moving or keep production processes moving and only work well with the right maintenance and care.

DRIVE TECHNOLOGY

Drive systems set machines and machine components in motion.

The drive technology focuses on technical systems for generating movement with the help of power transmission of gears and motors. In many industries, drive system are found in all machines and plants which contain moveable parts, such as pumps, fans, conveyor belts, and many others.

There are four different types of belts that can be distinguished: electric, hydraulic, pneumatic, or mechanical.

CONVEYOR TECHNOLOGY

Conveyor technology ensures efficient material flow within a company.

Thanks to the use of conveyor technology, materials, goods and finished products are transported efficiently. It serves as a link between operational processes - whether it is in production, processing, distribution, storage, or order picking - the conveyor technology ensures smooth processes.

Important components in conveyor technology are pulleys, rope sheaves, rope drums, traction sheaves, steel chains, link chains, sprockets and chain drums, conveyor belts, wheels, and rails. Conveyor technology also includes in-plant transport systems, such as roller conveyors, rotary valves, conveyor belts, belt bucket elevators and belt conveyors, as well as vehicles and equipment, such as forklift trucks, platform trucks, cranes, automatic loading systems, driverless transport vehicles, workpiece conveyors, and vertical conveyors, such as lifting tables or belt lifters.

WEICON offers a whole range of products that can be used in drive technology and conveyor technology, which help to keep operational processes running smoothly. Whether it is in maintenance and care, lubrication, protection, or repair.

Our products are suitable for all kinds of drive systems - whether they are hydraulic, pneumatic, electrical, or mechanical.

with welcon things keep moving!



CONTENT









Content	Page

2-Component	
Adhesives and Sealants	4
Plastic Metal	4-7
Belt Repair-Kit	8
Polyurethane Systems	9

1-Component	
Adhesives and Sealants	10
WEICONLOCK® Anaerobic Adhesives and Sealants	10-13
Contact Cyanoacrylate Adhesives	14-15

16 Contact Adhesives 17 Contact Adhesive GMK 2510 17

Elastic Adhesives and Sealants

Technical Sprays and Liquids	
	18-19
Assembly Pastes	20
High-Performance Greases	21
WEICON TOOLS	22-23











- ▶ bonding
 - coating







Contour Spatula Flexy

10953020



WEICON



WEICON A

pasty | steel-filled | certified by DNV | ideal for the repair of rotation shafts

▶ 0.2 kg ▶ 0.5 kg ▶ 2.0 kg 10000005 10000020 10000002

WEICON HB 300

pasty | steel-filled | high-temperatureresistant up to briefly +280°C (536°F) | ideal for the repair of rotation shafts

▶ 0.2 kg ▶ 0.5 kg ▶ 1.0 kg

10450002 10450005 10450010

WEICON Ceramic BL



WEICON CERIAMIC BL

flowable | mineral-filled | extremely wear-resistant | temperature-resistant up to +180 °C (+356 °F)

▶ 0.2 kg ► 0.5 kg ▶ 2.0 kg 10400002 10400005 10400020

WEICON GL **NEW**

flowable | mineral-filled | extremely wear-resistant | temperature-resistant up to +180 °C (356 °F)

▶ 0.2 kg ► 0.5 kg ▶ 1.0 kg 10700002 10700005 10700010

IN COMBINATION WITH WEICON CERAMIC BL

PERFECT AS CONTROL LAYER

WEICON WR

liquid | steel-filled | wear-resistant | ideal for the repair of rotation shafts

▶ 0.2 kg ▶ 0.5 kg ▶ 2.0 kg 10300002 10300005 10300020



WEICON



WEICON HP

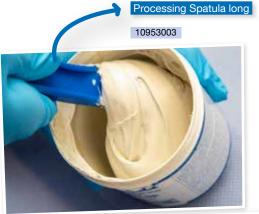
pasty | mineral-filled | shock-resistant | adheres to wet and moist surfaces

▶ 0.2 kg ▶ 0.5 kg ▶ 2.0 kg 10390002 10390005 10390020

WEICON F2

flowable | aluminium-filled | non-corrosive

▶ 2.0 kg ▶ 0.2 kg ▶ 0.5 kg 10200002 10200005 10200020



WEICON WR2

pasty | mineral-filled | wear-resistant | highly abrasion-resistant | ideal for repairs on conveyor systems, guide rails and chutes

▶ 0.2 kg ▶ 0.5 kg ▶ 2.0 kg 10350002 10350005 10350020

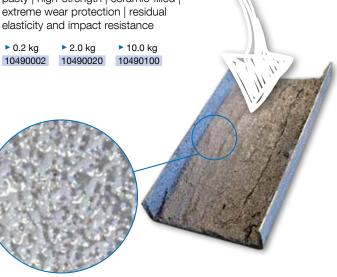


▶ 0.2 kg

pasty | high-strength | ceramic-filled | extreme wear protection | residual elasticity and impact resistance

▶ 2.0 kg











WEICON CBC Chocking Backing Compound



WEICON CBC is suitable for the shimming and backfilling of systems difficult to align in the industrial and maritime sector. The "ABS Product Design Assessment" certified system serves as a replacement for fittings and worn metal sheets, like steel or other materials, and ensures the direct contact to foundation plates.

► 3.0 kg (2.0 l) ► 10.0 kg (6.6 l) 10110030 10110110



System for gap compensation on bridges, pillars, machinery and equipment.

Set 10851020







Stirrer Stainless Steel
10953010



WEICON **Belt Repair-Kit** is a 2-component polyurethane system for the fast repair and coating of rubber surfaces.

BELTREPAIR-KIT















For large-surface repairs (holes)







POLYURETHANE SYSTEMS

URETHANES

Urethane 45

Urethane 60

Urethane 80

Urethane 85 **NEW**

Shore hardness: A 45

Shore hardness: A 60 Shore hardness: A 80

Shore hardness: A 85

▶ 500 g 10514005

► 500 g 10516005

► 500 g 10518005

► 500 g 10800005

► 540 g 10800540











For making:

- ▶ vibration dampers
- ▶ assembling jigs
- ► flexible seals
- ► rubber-like prototypes
- ► foundry models and moulds

For repairs on:

- ► conveyor belts
- ► solid rubber tyres
- ► conveyor rollers

For coatings on:

- ► rollers
- ▶ centrifuges
- ▶ polishing drums
- ► pouring containers
- ► chutes and funnels
- ► dry and wet mixers
- ► pumps
- ► housings
- ► cyclones
- ► tanks
- ► loading beds



WEICON Urethane is also perfect as vibration or insulating protection for machines.









1-COMPONENT ADHESIVES AND SEALANTS WELCONLOCK®



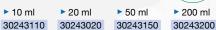




AN 302-43

Threadlocking | drinking water and DVGW approval

- higher viscosity
- medium strength
- disassembly with normal tools





WEICONLOCK



AN 302-60

Threadlocking for passive materials** | drinking water approval

- medium viscosity
- ▶ high strength
- ▶ hard to disassemble

▶ 20 ml ▶ 50 ml ▶ 200 ml 30260020 30260150 30260200



Locking of threads and stud bolts

- medium viscosity
- high strength
- hard to disassemble

▶ 50 ml ▶ 200 ml ▶ 20 ml 30271020 30271150 30271200

AN 302-72

Locking of studs and bolts | high-temperatureresistant | drinking water and DVGW approval

- higher viscosity
- high strength
- ► hard to disassemble

▶ 20 ml ▶ 50 ml





AN 302-90

30272020

Threadlocking for locking after mounting and sealing of hairline cracks

- extremely low viscosity | capillary action
- ▶ high strength
- hard to disassemble

▶ 20 ml ▶ 50 ml ▶ 200 ml 30290020 30290150 30290200



AN 305-77





NSE





Threadsealing | drinking water and DVGW approval | BAM*

high viscosity

- ▶ medium strength
- disassembly with normal tools

≥ 200 ml ▶ 300 ml ▶ 50 ml 30577150 30577200 30577300

AN 305-42

Hydraulic and pneumatic sealing | DVGW approval

- medium viscosity
- ▶ medium strength
- disassembly with normal tools

▶ 20 ml ▶ 50 ml ▶ 200 ml 30542020 30542150 30542200

*BAM-tested and safety-tested
- see leaflet 034-1 "List of non-metallic materials for use in oxygen" (DGUV information 213-075) of BG RCI.

- ► anodic coatings
- aluminium, nickel, zinc, gold
 chromate layers
 plastics and ceramic



RETAINING **CYLINDRICAL ASSEMBLIES**





Retaining Cylindrical Assemblies for passive materials** | drinking water approval sast cur

- medium viscosity
- high strength
- ▶ hard to disassemble

▶ 20 ml ▶ 50 ml 30610020 30610150 30610200

▶ 200 ml

WEICONLOCK







Retaining cylindrical assemblies | high-temperature-resistant | drinking water and DVGW approval | BAM*

- ► higher viscosity
- high strength
- hard to disassemble

▶ 20 ml ▶ 50 ml ▶ 200 ml 30620020 30620150 30620200

AN 306-30



Retaining cylindrical assemblies for passive materials** | BAM* | drinking water approval

- higher viscosity
- high strength
- hard to disassemble

▶ 20 ml ▶ 50 ml ▶ 200 ml 30630020 30630150 30630200

MEICON LOCK®

AN 306-38



Retaining cylindrical assemblies for bearings, gear wheels and bolts | fast cure | drinking water approval

- medium viscosity
- high strength
- ► hard to disassemble

▶ 10 ml ▶ 20 ml ▶ 50 ml ▶ 200 ml 30638110 30638020 30638150 30638200



AN 306-48

Retaining cylindrical assemblies | high-temperature-resistant | drinking water approval | BAM*

- medium viscosity
- ▶ high strength
- ► hard to disassemble

▶ 50 ml ▶ 200 ml ▶ 20 ml 30648020 30648150 30648200

AN 306-03

Retaining cylindrical assemblies for bearings, shafts and bushings

- ▶ low viscosity
- ▶ high strength
- hard to disassemble

▶ 20 ml ▶ 50 ml ▶ 200 ml 30603020 30603150 30603200

AN 306-60

Assembly of cylindrical parts for worn out bearing rings and bushings

- high viscosity
- ▶ high strength
- hard to disassemble

▶ 50 ml ▶ 200 ml ▶ 300 ml 30660150 30660200 30660300



AN 305-18

Flange sealing for filling large gaps with immediate sealing effect | high-temperature-resistant

- ▶ high viscosity
- ▶ high strength
- ▶ hard to disassemble

▶ 50 ml ▶ 200 ml ▶ 300 ml 30518150 30518200 30518300

*BAM-tested and safety-tested

- see leaflet 034-1 "List of non-metallic materials for use in oxygen" (DGUV information 213-075) of BG RCI.

** Passive materials:
(slow curing)

* high-alloy steel

> oxide layers

> anodic coatings

- aluminium, nickel, zinc, gold
 chromate layers
 plastics and ceramic

WEICONLOCK®

Additional Products

1-COMPONENT ADHESIVES AND SEALANTS

WEICONLOCK Activator F

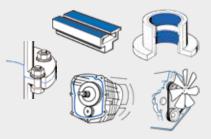
Reducing the curing time

The activator is required for all passive surface, for low ambient temperatures (less than +10°C/+50°F), and for large gaps. On non-metallic surfaces, WEICONLOCK can only fully cure when the activator is used.

▶ 60 ml 30700060 ▶ 200 ml 30700200 ▶ 1 L 30700501 Alu Can

Plast-o-Seal®

Permanently plastic universal sealing | no flash-off time required | immediate assembly possible



▶ 90 g 30000090

▶ 120 g 30000120 top can

▶ 230 g 30000230

▶ 300 g 30000300

Threadlocking Varnish

fast-curing | non-conductive | good resistance to substances

▶ 30 g ▶ 60 g 30021030 30021060 yellow: RAL 1021*

▶ 30 g ▶ 60 g 30022030 30022060 green: RAL 6010*

► 60 g ▶ 30 g 30020030 30020060

red: RAL 3000*

*corresponds approximately to the specified RAL colours







VA 30 Black

Cyanoacrylate Adhesive for special requirements | rubber-filled | high-temperature-resistant | medium viscosity | longer curing time | cures with residual elasticity | high peel and impact resistance

► 12 g ► 30 g ► 60 g ► 500 g 12603012 12603030 12603060 12603500

VA 250 Black

Cyanoacrylate Adhesive for special requirements | rubber-filled | high-temperature-resistant | high viscosity | slow curing | cures with residual elasticity | high peel and impact strength



VA 200 HR

Cyanoacrylate Adhesive for special requirements | moisture-resistant | low viscosity

► 30 g 12755030 ► 60 g 12755060



VA 180 HT



Cyanoacrylate Adhesive for special requirements | high-temperature-resistant | medium viscosity | fast-curing | odourless

► 30 g 12750030 ► 60 g 12750060

VA 2500 HT

Cyanoacrylate Adhesive for special requirements | high-temperature-resistant | high viscosity | slow curing time | cures with residual elasticity | high peel and impact resistance

► 12 g ► 30 g ► 60 g ► 500 g 12550012 12550030 12550060 12550500

Contact Activator



Acetone-based curing accelerator for cyanoacrylate adhesives when white "blooming" of the adhesive joint is undesirable. Especially for highly viscous types and large layer thicknesses.

► 150 ml 12505150 CA-Activator Spray AC (acetone-based)

Contact Primer for Polyolefins

Pre-treatment for bonding polyolefins (e.g. polyethylene, polypropylene)







ELASTIC

ADHESIVES AND SEALANTS



Looking for a dispensing gun? Feel free to contact us!







Black-Seal Special Silicone

Extremely resistant against oil and grease

WEICON Black-Seal is black, hightemperature-resistant (+280°C/+536°F), free of solvents, strong, oil-resistant, grease-resistant, pressure-resistant, resistant to ageing and extremely elastic (breaking elongation of approx. 500%).

Black-Seal is suitable for bonding and sealing in applications where particularly high oil and grease resistance is required.

The product can be used on gearbox, valve and casing covers, oil sumps, water pumps, gears and axles, flanges, tanks and containers, and in many other areas.

▶ 200 ml ▶ 85 ml ► 310 ml 13051085 13051200 13051310





Gasket Maker

Permanently elastic special sealant

WEICON Gasket Maker is a strong and permanently elastic special sealant that cures with air humidity and practically without shrinkage.

Gasket Maker shows very good adhesion to steel, aluminium, glass, ceramic, and many other materials. The special sealant has an excellent temperature, oil and grease resistance, is resistant to pressure, ageing and UV radiation as well as permanently elastic.

Gasket Maker can be used on engines and water pumps, gears and axles, oil sumps, and in many other applications.

▶ 310 ml 30101310 black



W E I C O N

CONTACT ADHESIVE

WEICON GMK

WEICON GMK 2510 is an adhesive based on polychloroprene (CR) for the high-strength, full-surface and flexible bonding of:

- rubber to rubber
- rubber to metal

2510

16200324

▶ 960 g

16200690

2-component
high adhesive strength | permanently elastic | temperature-resistant





W 44 T® Multi-Spray

multifunction oil with compound action

► 400 ml ► 500 ml ► 5 L 11251400 11251550 15251005

AT-44 Allround Spray

with PTFE super power

 ▶ 150 ml
 ▶ 400 ml
 ▶ 5 L

 11250150
 11250400
 15250005

Anti-Friction Spray MoS₂

dry lubricant

► 400 ml 11539400

TECHNICAL

SPRAYS AND LIQUIDS









Silicone Spray

lubricant and release agent

► 400 ml ► 5 L 11350400 15350005

PTFE-Spray

grease-free with anti-sticking effect

► 400 ml 11300400

Zinc Spray





long-lasting cathodic corrosion protection | paintable | >1050 hours salt spray test according to DIN EN 9227 | NSF registration

► 400 ml 11000400

Top-Lube

extremely high capillary action

► 400 ml 11510400

Cleaner Spray S

cleaner and degreaser for all metals, glass, ceramics and many plastics

► 500 ml ► 5 L 11202500 15200005

Surface Cleaner

for the pretreatment of bonding surfaces

► 400 ml ► 5 L 11207400 15207005

Sealant and Adhesive Remover

removes sealant and adhesive residues

► 400 ml ► 5 L 11202400 15213005

Electro Contact Cleaner

cleans and degreases electrical or mechanical components

► 400 ml ► 5 L 11210400 15212005

Rust Shock

the chemical screwdriver

► 400 ml 11151400

Rust Loosener and Contact Spray

6-fold function

► 400 ml ► 5 L 11150400 15150005

Contact Spray

repels moisture | prevents leakage currents

► 400 ml 11152400

Freeze Spray

precise cooling down to -45°C

► 400 ml 11610400

Belt Dressing Spray





Anti-Seize

Long-lasting protection against corrosion, seizing up and wear | tempreature resistance from -180°C to +1,200°C

▶ 120 g ▶ 400 g ▶ 450 g ▶ 500 g ► 1.0 kg ▶ 10.0 kg 26000012 26000040 26000045 26000050 26000100 26000910 Bucket Brush top can Cartridge Can Brush top can Can

Anti-Seize Nickel

Assembly paste for extreme conditions | temperature resistance from -30°C to +1,450°C

▶ 120 g ▶ 400 g ▶ 450 g ▶ 500 g ▶ 1.0 kg ▶ 10.0 kg 26050012 26050040 26050050 26050045 26050100 26050910 Brush top can Cartridge Brush top can Bucket

Anti-Seize High-Tech



Metal-free | temperature resistance from -40°C to +1,400°C

▶ 120 g	▶ 400 g	▶ 450 g	► 500 g	► 1.0 kg	► 10.0 kg
26100012	26100040	26100045	26100050	26100100	26100910
Brush top can	Cartridge	Can	Brush top can	Can	Bucket



Copper Paste

Protecting, separating and lubricating agent for highly stressed parts at high temperatures | temperature resistance from -20°C to 1,100°C

▶ 120 g	► 400 g	▶ 450 g	► 500 g	▶ 1.0 kg	► 10.0 kg
26200012	26200040	26200045	26200050	26200100	26200910
Brush top can	Cartridge	Can	Brush top can	Can	Bucket





HIGH-PERFORMANCE GREASES

ALLROUND LUBRICANT



WEICON Allround Lubricants provide sustained protection against friction and wear and thus enable:

- extremely long re-greasing intervals
- ▶ increased functional reliability and maintenance of the value of machines and production systems
- reduction of maintenance and repair works
- ► improved efficiency





Allround high-performance grease | NSF registration

▶ 350 g	▶ 400 g	▶ 1.0 kg
26550035	26550040	26550100

► 5.0 kg ▶ 25.0 ka 26550500 26550925



High-temperature grease | odourand tasteless | NSF-registration

► 400 g	► 1.0 kg	► 5.0 kg
26500040	26500100	26500500

▶ 25.0 ka 26500925

AL-T

High-temperature grease | long-term lubrication

▶ 400 g ► 5.0 kg ▶ 1.0 kg 26600040 26600100 26600500

▶ 25.0 kg 26600925

AL-M

Long-term grease with MoS₂ | high adhesive strength and high-pressure-resistant

► 400 g	▶ 1.0 kg	► 5.0 kg
26400040	26400100	26400500
≥ 25.0 kg		

AL-W

Special lubricant | suitable for underwater applications

► 400 g	▶ 1.0 kg	► 5.0 kg
26450040	26450100	26450500
▶ 25.0 kg		
26450925		



WEICON TOOLS®

We have been developing, producing and distributing high-quality stripping tools since 1967.

We present these tools at various trade fairs all around the world every year. At these events, the direct exchange with users, who tell us about innovations in their applications, gives us ideas and inspiration for new or improved WEICON TOOLS®.

This exchange sparks a process that keeps leading to product innovations and modifications, so we can offer our customers perfectly designed and state-of-the-art stripping tools.



No. S 4 - 28 Multi

Stripping function integrated in the housing

▶ stripping of all stranded and solid conductors with a cross-section between 0.5 and 6 mm²

₩₩	g	mm²	Ømm	Art.No.
145	61	0.5 - 6 (20 - 10 AWG)	4 - 28	50057328







No. 5

Space-saving thanks to locking mechanism

- ▶ automatic wire stripper
- ▶ precise working thanks to adjustable length stop (5 - 12 mm)
- ▶ integrated, easily accessible side cutter up to 2 mm Ø

★ → mm	g	mm²	Art.No.
170	107	0.2 - 6 (24 - 10 AWG)	51000005

Cable Scissors No. 35

Cutting - stripping - crimping

- ▶ 2-component handles for more safety
- ▶ high cutting capacity
- ▶ blades made of special stainless steel

mm	g	Cu/Al	Cu/Al	Art.No.
150	90	<35 mm ²	<50 mm ²	52000035





