



WEICON Solutions for

Energy Technology



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V 1.18

For further packing sizes and more detailed product information, please visit our website www.welcon.com



Elastic Adhesives and Sealants

Elastic adhesives and sealants are used in many areas of industrial production and assembly.

They combine the advantages of the adhesive and sealant technology and are used wherever the elasticity and sealing effect of a joint are exposed to high stresses.



Gearbox cover seal with Black-Seal

Flex 310 M® Stainless Steel

- non-corrosive
- stainless steel look

310 ml
10049091



Flex 310 M® 2 K

- fast-curing
- resistant to UV rays
- for stainless steel, aluminium and non-ferrous metals

250 ml Special Mixing Nozzle
10027733 10027692
grey

Flex 310 M® Liquid

- casting and coating mass
- self-levelling
- ISEGA and LFGB certified

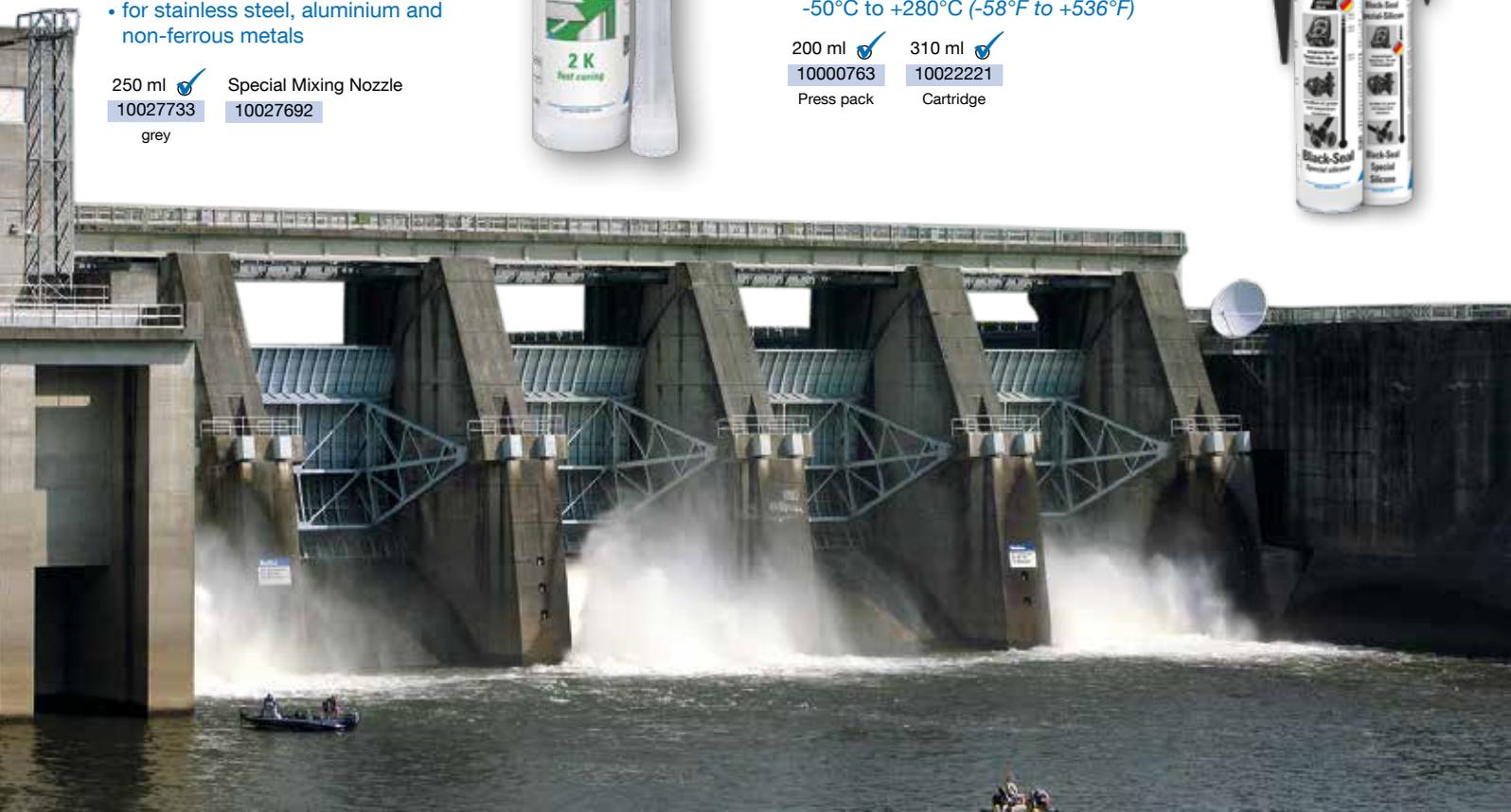


310 ml
10057733
black

Black-Seal

- high resistance to oil, grease and chemicals
- high-temperature-resistance from -50°C to +280°C (-58°F to +536°F)

200 ml 310 ml
10000763 10022221
Press pack Cartridge



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Technical Sprays and Technical Liquids

Technical sprays and liquid substances are used in almost all areas of industry.

They maintain and protect surfaces when cleaning, degreasing, dissolving and separating and are an indispensable part of everyday work.



Cleaner Spray S

- powerful
- evaporates without residue
- non-greasy

500 ml ✓ 5 L ✓
10000147 10000347

Surface Cleaner

- for pre-treatment of adhesive surfaces
- residue-free and quick evaporation
- for metals and plastics

150 ml ✓ 400 ml ✓
10024317 10024313

5 L ✓
10025288

Sealant and Adhesive Remover

- removes sealing and cured adhesive residues
- for removal of old paint and varnish

400 ml ✓
10026705

Citrus Cleaner

- universal cleaner based on citrus peel extracts
- cleans machines and systems, precision engineering components and precision mechanisms

400 ml ✓ 5 L ✓
10032019 10033568



Contact Spray

- for the protection and care of electrical contacts and components
- keeps contacts, fuses, cable connections, etc. free from oxidation

400 ml ✓
10026740

Electro Contact Cleaner

- increases electrical conductivity
- reduces the loss of voltage

400 ml ✓ 5 L ✓
10028866 10029983

W 44 T® Multi-Spray

- lubricates precision mechanics
- repels moisture
- protects against corrosion

400 ml ✓ 500 ml ✓
10001023 10039121

5 L ✓
10007793



Rust Protection 2000 PLUS

- high corrosion and weathering resistance

400 ml ✓ 400 ml ✓
10021353 10021354

charcoal-grey silver grey

Zinc Spray



- cathodic corrosion protection
- can be painted over
- > 1.050 hours salt spray test

400 ml ✓
10000016



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Plastic Metal

WEICON Plastic Metal is ideal for providing fast, cost-effective and durable repairs and coatings for many different types of material.



WEICON CBC Chocking Backing Compound

Special epoxy resin system for the shimming and backfilling of systems difficult to align.

- liquid and self-levelling
- vibration-resistant
- impact- and break-resistant

3.0 kg (2.0) ✓ 10.0 kg (6.6 l) ✓
10045020 10045019



European Exhibition Award for creativity and innovation

WEICON SF



- pasty, steel-filled
- for fast repairs (5 minute pot life)
- certified by DNV GL

0,5 kg ✓ 2,0 kg ✓
10000071 10000072

WEICON HB 300

- steel-filled
- pasty, for spatula application
- high-temperature-resistant

1,0 kg ✓
10000099



-35°C to +280°C
(-31°F to +536°F)

Repair Sticks

The simple solution for all repair and maintenance works. Easy to use. Ready to use, can be easily cut into small amounts for minor repairs at any time.



Plastic



- pasty
- colour light blue
- NSF approval for drinking water ANSI Standard 61

115 g ✓
10017334

Titanium

- high temperature resistance -50°C to +300°C (-58°F to +572°F)
- colour grey-green
- pasty, for spatula application

115 g ✓
10011970





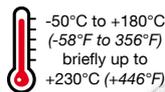
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Epoxy Adhesives

WEICON Epoxy Adhesives are cold-curing, solvent-free two-component systems with extremely strong adhesion. They allow material bonds with high traction and impact resistance and are therefore perfect for assembly, repair and production.

Easy-Mix HT 180

- high-temperature-resistant
- steady
- shock- and impact-resistant



50 ml

10044884



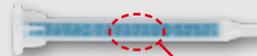
Easy-Mix S 50

- ideal for serial production with short cycle times
- fast-curing (pot life 4-5 minutes)

50 ml

10005230

Quadro Mixing Nozzle



suitable for RK-7000 and Easy-Mix S 50

10005236

Helix Mixing Nozzle



suitable for Easy-Mix HT 180

10026925

Easy-Mix RK-7000

WEICON Easy-Mix RK-7000 bonds lots of materials, such as plastics, metals or ceramic with strong traction as well as high shearing and peeling resistance.

Easy-Mix RK-7000 can be used universally. Possible areas of application are synthetic technology, metalwork, car body and vehicle construction, mechanical engineering, electro-technology, wood processing or trade fair and exhibition building.

- highly viscous, high strength, impact-resistant, residual elasticity
- pot life: approx. 15 minutes
- temperature-resistant from -55°C to +125°C (-67°F to +257°F)



Easy-Mix Hand Dispenser D 50

10005237

50 ml

10018563



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WEICONLOCK® - Anaerobic Adhesives and Sealants

Specially made for economical threadlocking, retaining and sealing of threaded, cylindrical and pipe assemblies.

After curing, the product forms an adhesive bond resistant to vibration and impact as well as chemicals, solvents and temperatures of -60°C up to +200°C (-76°F to +392°F).



Sealing shut-off valves with AN 305-77

AN 302-43



- threadlocking
- thread connections up to M 36
- drinking water and DVGW approval

higher viscosity
medium strength
disassembly with normal tools

50 ml 200 ml
10017876 10019968



AN 302-70



- locking of threads and stud bolts
- thread connections up to M 36
- drinking water and DVGW approval

medium viscosity
high strength
hard to disassemble

50 ml 200 ml
10017884 10019978



AN 305-11



- sealing of threaded pipes and fittings
- drinking water and DVGW approval

high viscosity
medium strength
disassembly with normal tools

50 ml 200 ml 300 ml
10019939 10019997 10023823



AN 305-77



- sealing of threaded pipes and fittings
- drinking water and DVGW approval

high viscosity
medium strength
disassembly with normal tools

50 ml 200 ml 300 ml
10019949 10020011 10034148



AN 306-30

- bearing and stud bolt adhesive
- up to a gap of 0.2 mm

high viscosity
high strength
hard to disassemble

50 ml 200 ml
10017887 10020025



AN 306-60

- bearing and stud bolt adhesive
- for worn bearing rings and bushings with a gap of up to 0.5 mm

high viscosity
high strength
hard to disassemble

50 ml 200 ml
10019955 10020040

BAM tested and safety-related evaluated-
according to leaflet M 034-1
List of nonmetallic materials supporting document to code of practice M 034e "Oxygen" (DGV Information 213-074)

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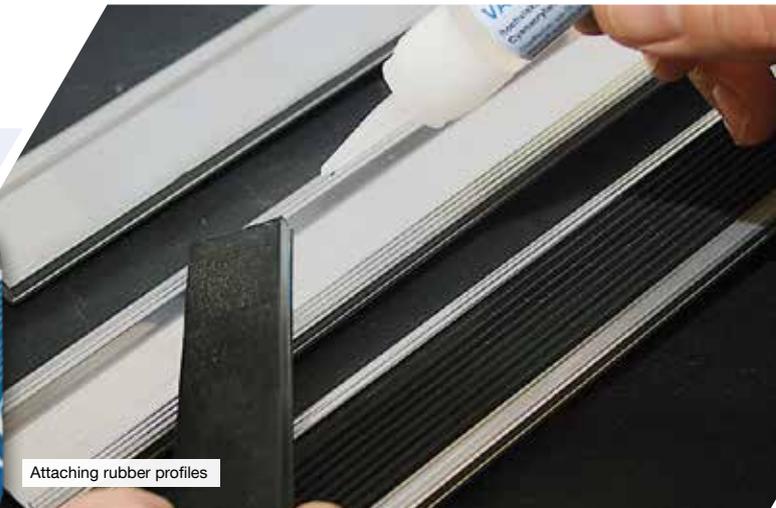
Contact Cyanoacrylate Adhesive

WEICON Contact is a solvent-free instant adhesive. It bonds various materials, such as metal, glass, wood, plastic, ceramic, leather and rubber in seconds.

VA 250 Black

- black, rubber-filled
- high peeling and impact resistance
- temperature-resistant from -50°C to $+135^{\circ}\text{C}$ (-58°F to $+275^{\circ}\text{F}$)

30 g ✓	60 g ✓	500 g ✓
10016400	10019805	10012306



Attaching rubber profiles

Plast-o-Seal® - Permanently Plastic Universal Sealant



Plast-o-Seal®

- permanent plastic universal sealant, non-curing
- no evaporation of solvents
- immediate assembly possible

90 g ✓	120 g ✓	230 g ✓	300 g ✓
10014387	10014388	10039427	10014389
Tube	Brush top can	Press pack	Cartridge

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Anti-Seize - Assembly Pastes/Sprays

All kinds of influencing factors, e.g. moisture, temperature or friction, repeatedly lead to corrosion damage, seizure and wear on machines and installations.

Extensive repair and maintenance work at considerable costs are the consequence.

Especially under extreme conditions of application, e.g.

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

such consequences frequently occur.



Anti-Seize High-Tech



- metal-free, NSF approval
- high-temperature-resistant up to +1400°C (+2552°F)

120 g ✓ 10000193 Brush top can	400 g ✓ 10000195 Cartridge	400 ml ✓ 10000221 Spray
450 g ✓ 10000196 Can	500 g ✓ 10030351 Brush top can	10 kg ✓ 10000204 Bucket

Anti-Seize Nickel

- for extreme conditions
- can be applied at a large temperature range between -30°C to +1450°C (-22°F to +2642°F)

120 g ✓ 10000194 Brush top can	400 g ✓ 10000185 Cartridge	450 g ✓ 10000186 Can
500 g ✓ 10047560 Brush top can	10 kg ✓ 10000190 Bucket	





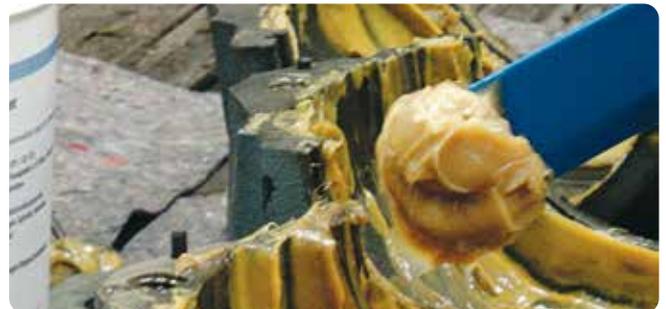
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Allround Lubricant

Even in the present „high-tech age“ problems due to friction and wear are still an issue in a lot of industrial sectors. Extensive repairs, longer downtimes, and shorter maintenance intervals and service lives of plants and machines are the consequence and cause enormous costs every year.

Therefore, it is important to already meet the requirements for long-term operational reliability of plants and equipment during the development and construction phase.



AL-W

- extremely water-repellent
- high lubrication
- temperature-resistant from -25°C to +80°C (-13°F to +176°F)

400 g ✓

10016748

Cartridge

1,0 kg ✓

10016750

Can

AL-M

- strong adhesion
- high-pressure-resistant
- with MoS₂

400 g ✓

10016733

Cartridge

1,0 kg ✓

10016735

Can



Thread Sealing Cord DF 175

WEICON DF 175 is a patented thread sealing cord made of 100% PTFE. It permanently and securely seals almost all metal and plastic threads. WEICON DF 175 reliably compensates the space on threads and forms a PTFE film in the required thickness when connecting screws.

- immediate sealing, temperature range -200°C to +240°C (-328 to +464°F)
- drinking water approvals according to NSF, WRAS
- UL-tested
- 100% PTFE solid, silicone-free

175 m dispenser

10026655



TZW



BAM tested and safety-related evaluated according to leaflet M 034-1
List of nonmetallic materials supporting document to code of practice M 034e "Oxygen" (DGUV Information 213-074)



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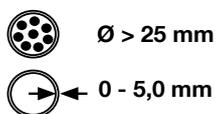
Special Tools

For a number of unusual applications, we offer a range of special tools, which special tools which meet these requirements. Whether for the dismantling the dismantling of large cable diameters or for working on high voltage cables, WEICON TOOLS has the solution!

Dismantling Tool No. 25

- for convenient longitudinal and circular cuts
- safe work thanks to the concealed blade
- conductor protection thanks to the curved blade tip
- easy working, even at low temperatures
- precise, durable and replaceable turnover blade

mm	g	Art.-No.
210	163	10034292



Tools Set

With our tool sets, we offer solutions for almost all industries and the most different applications.

Crimp-Set Pro

Allround equipment for crimping with wire end ferrules

- Duo-Crimp No. 300
- Wire Stripper No. 7 Magic
- high quality shaker with 400 wire ends (0.5 - 2.5 mm²) according to DIN 46228

mm	g	Art.-No.
Length x Width x Height		
340 x 280 x 55	950	10039670



Wire End Ferrules Assortment Box (DIN 46228)

Cross Section	Content	Colour
0,50 mm ²	50	white
0,75 mm ²	100	grey
1,00 mm ²	100	red
1,50 mm ²	100	black
2,50 mm ²	50	blue



Starter-Set Pro

Ideal selection for house installation

- Wire Stripper No. 5
- Coax-Stripper No. 2
- Cable Stripper No. S 4-28
- Round Cable Stripper No. 13

mm	g	Art.-No.
Length x Width x Height		
255 x 210 x 60	575	10035247





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Tools for the Solar Industry

Solar-Flex

- very high initial bonding power
- free of silicone, isocyanate, halogens and solvents
- temperature-resistant from -40°C to +90°C (-40°F to 194°F)

290 ml	290 ml
10025036	10025038
white	grey



Mini-Solar No. 3

- quick stripping of all common solar cables with outer diameters from 1.5 mm² to 6 mm²
- precise work with adjustable length stop (6 - 28 mm)
- integrated, well-accessible side cutter up to 4 mm²

mm	g	mm ²	Ømm	Art.-No.
125	58	1,5/2,5 (16/14 AWG)	-	10065750
125	58	4/6 (12/10 AWG)	-	10065752
125	58	10/16 (8/6 AWG)	-	10065754



Special tools for dismantling and stripping all common cables in the solar sector



Wire Stripper No. 7 Solar

- automatic Wire Stripper
- precise work with optical length scale (up to 26 mm)
- integrated, well-accessible side cutter up to 3 mm Ø

mm	g	mm ²	Art.-No.
170	218	Solar cable 1,5-10 (16-8 AWG)	10025011



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