



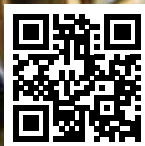
WEICON Solutions for

Mechanical Engineering



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V 1.18

For further packing sizes and detailed information on WEICON® products, please visit our website www.weicon.com



WEICONLOCK® - Anaerobic Adhesives and Sealants

Especially made for economical threadlocking, retaining and sealing of threaded, cylindrical and pipe assemblies. After the curing, it provides a shock- and vibration-resistant joint with excellent

resistance to chemicals and solvents from -60°C to +200°C (-76°F to +392°F).

AN 302-43

- threadlocking
- drinking water and DVGW approval

higher viscosity
medium strength
disassembly with normal tools

50 ml
30243150



AN 302-60

- threadlocking
- for passive surfaces
- application without activator possible

medium viscosity
high strength
hard to disassemble

50 ml
30260150



AN 305-18

- flange sealing for filling large gaps with immediate sealing effect
- high-temperature-resistance

high viscosity
high strength
hard to disassemble

50 ml 300 ml
30518150 30518300



AN 305-42

- hydraulic and pneumatic sealing
- DVGW approval

medium viscosity
medium strength
disassembly with normal tools

50 ml
30542150



AN 305-72

- pipe and flange sealing with PTFE
- immediate sealing effect
- drinking water and DVGW approval

high viscosity
high strength
hard to disassemble

50 ml 300 ml
30572150 30572300



AN 305-77

- thread sealing
- drinking water and DVGW approval

high viscosity
medium strength
disassembly with normal tools

50 ml 300 ml
30577150 30577300



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



AN 306-38

- adhesive for bearings and bolts
- for bearings, bushings, bolts and gear wheels of up to 0,2 mm gap

medium viscosity
high strength
hard to disassemble

50 ml
30638150



AN 306-10

- retaining cylindrical assemblies for passive materials

medium viscosity
high strength
hard to disassemble

50 ml
30610150



Plast-o-Seal®

- permanently plastic universal sealant
- solvent free with no unpleasant odour
- enables immediate assembly

90 g	120 g	230 g	300 g
30000090	30000120	30000230	30000300
Tube	Brushtop can	Press pack	Cartridge



Threadlocking Varnish

- protection and security against manipulation
- good adhesion on almost all kinds of material
- removable and water resistant

30 g	30 g	30 g
30020030	30021030	30022030
red	yellow	green
60 g	60 g	60 g
30020060	30021060	30022060
red	yellow	green



WEICON Solutions for Mechanical Engineering

Elastic Adhesives and Sealants

Today elastic adhesives and sealants are used 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® Classic

- free of isocyanate and solvents
- suitable for universal use
- free of silicone
- LFGB- und ISEGA certified



310 ml ✓ 13303310	310 ml ✓ 13305310	310 ml ✓ 13304310
white	grey	black

Flex 310 M® HT 200

- ideal for powder coating
- temperature resistant from -40°C to +200°C (-40°F to +392°F)

310 ml ✓ 13655310
grey

Gasket Maker

- strong and permanently elastic special sealant
- excellent temperature, oil and grease resistance
- pressure- and aging-resistant
- UV-stable and permanently elastic

310 ml ✓ 13051085	310 ml ✓ 13051200
red	black



Flex+bond®

- elastic and strong
- LFGB- und ISEGA certified
- free of silicone



200 ml ✓ 13350200 Press pack white	200 ml ✓ 13352200 Press pack black	200 ml ✓ 13351200 Press pack grey	200 ml ✓ 13353200 Press pack transparent
85 ml ✓ 13350085 Tube white	85 ml ✓ 13352085 Tube black	85 ml ✓ 13351085 Tube grey	85 ml ✓ 13353085 Tube transparent

Black-Seal

- extremely resistant against oil and grease
- high-temperature-resistant (+280°C/+536°F)
- for bonding and sealing

85 ml ✓ 13051085 Tube	200 ml ✓ 13051200 Press pack	310 ml ✓ 13051310 Cartridge
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Contact – Cyanoacrylate Adhesives

WEICON Contact are instant adhesives, free of solvents. They connect various materials with and among each other, e.g. metal, glass, wood, plastic, ceramic, leather and rubber.

VA 250 Black

- high peel and impact resistance
- residual elasticity
- high-temperature-resistant -55°C to +140°C (-67°F to +284°F)

30 g ✓ 12600030



VA 1401

- fast-curing
- universal type for the bonding of metals, plastics and rubber
- temperature-resistant from -50°C to +120°C (-5°F to +248°F)

30 g ✓ 12054030



WEICON O-Ring Bonding Set

Content:

- 12603012 Contact VA 30 Black 12 g
- 11207150 Surface Cleaner 150 ml
- 12450010 Contact Primer 10 ml
- 99950243 WEICON Cutter knife
- 1 m round cord (NBR) each: Ø 2, 3, 4, 6 und 8 mm

Set ✓ 12508030

For further packing sizes and detailed information on WEICON products, please visit our website www.weicon.com



Plastic Metal

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



European Exhibition Award for creativity and innovation

WEICON SF



- pasty, steel-filled
- for quick repairs (5 min. pot-life)
- certified by DNV GL

0,5 kg ✓ 10250005 2,0 kg ✓ 10250020

WEICON HB 300

- steel-filled
- pasty, spreadable
- high-temperature-resistant from -35°C to +280°C (-31°F to +536°F)

1,0 kg ✓ 10450010

WEICON CBC

- very liquid, self-levelling
- permanent high static strength
- chemical-resistant and vibration-proof

3,0 kg ✓ 10110030 10,0 kg ✓ 10110110

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.



Titanium

- wear resistant
- colour after curing: grey-green
- temperature resistant up to +280°C/536°F

57 g ✓ 10535057 115 g ✓ 10535115

Steel



- fast-curing
- colour after curing: dark-grey
- NSF approval for drinking water ANSI Standard 61

57 g ✓ 10533057 115 g ✓ 10533115

Easy-Mix HT 180

The ideal adhesive for **POWDER-COATING**



- high temperature resistant
- steady
- shock and impact resistant

50 ml ✓ 10650850

Temperature range: -50°C to +180°C (-58°F to +356°F), briefly up to +230°C (+446°F)



Mixing Nozzles 10650006



Dispenser D 50 10653050

WEICON Solutions for Mechanical Engineering

WEICON GMK

GMK are contact adhesives based on polychloroprene (CR) for the high-strength, full-surface and flexible bonding of:

- rubber to rubber
- rubber to metal



GMK 2510

- 2-component adhesive
- permanently elastic and strong adhesion on many elastomers (e.g. Hypalon)
- moisture and temperature resistant

324 g ✓
16200324

Working package
(consisting of 300g adhesive and 24g activator)

690 g ✓
16200690

Working package
(consisting of 650g adhesive and 40g activator)



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 difficult conditions such as:

- high operating temperatures
- high pressure loads
- open air conditions

where such consequences frequently occur.

Anti-Seize High-Tech



- metal-free
- NSF approval
- temperature resistant from -40°C to +1400°C (-40°F to +2552°F)

400 ml ✓
27050400
Spray

400 g ✓
26100040
Cartridge

1,0 kg ✓
26100100
Can

Copper Paste

- protecting, separating and lubricating agent
- for highly stressed parts
- temperature resistant from -20°C to +1100°C (-4°F to +2012°F)

400 ml ✓
27200400
Spray

200 ml ✓
26200200
Press pack

1,0 kg ✓
26200100
Can



Assembly part in a pressure unit



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Technical Sprays and Liquids

Technical sprays and liquids are being used in almost all areas of the industry. They serve as a protection and care of surfaces,

cleaning and degreasing, lubrication, solving and releasing, and are with no doubt an indispensable part of the daily work.

Cleaner Spray S

- powerful
- evaporates without leaving residues
- non regreasing

500 ml ✓ 5 l ✓
11202500 15200005

Surface Cleaner

- for pretreatment of bonding surfaces
- evaporates quickly and without leaving residues
- for metal and plastics

400 ml ✓ 5 l ✓
11207400 15207005

Workshop-Cleaner

- bio-degradable
- temporary corrosion protection
- free of solvents and dilutable with water (1:40 max.)

5 l ✓
15205005

Parts and Assembly Cleaner

- high flash point (> +60°C/+140°F)
- removes coarse, oily, resinified and greasy contamination

500 ml ✓ 5 l ✓
11201500 15211005

Citrus Cleaner

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

400 ml ✓ 5 l ✓
11217400 15210005



AT-44 Allround-Spray

- allround-spray with PTFE super power
- fine care for all precision parts
- highly creeping capacity

400 ml ✓ 5 l ✓
11250400 15250005



WSD 400 Pressurized-Air Spray Can

- refillable
- made of aluminium
- container volume of 400 ml

400 ml ✓
15811400



Sealant and Adhesive Remover

- removes residues of cured sealants and adhesives as well as lacquers and paints
- can be used on metal, wood, glass, ceramics, PE + PP

400 ml ✓ 5 l ✓
11202400 15213005

Rust Loosener and Contact Spray

- excellent creeping capacity
- loosens rusted screws
- dispels water

400 ml ✓ 5 l ✓
11150400 15150005

Anti-Spatter Spray

- protects workpiece and gas nozzle
- for optimum welding results
- free of silicone

400 ml ✓ 5 l ✓
11700400 15050005

Anti-Friction Spray MoS₂

- dry lubricant
- repels dust, dirt and water

400 ml ✓
11539400

Bio-Cut

- drilling and tapping oil
- biodegradable
- enables higher cutting performance

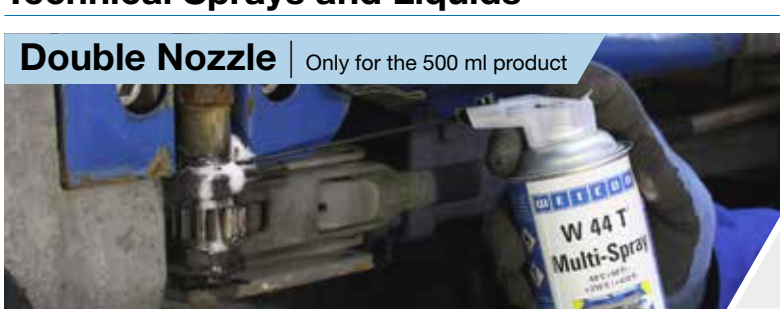
250 ml ✓ 400 ml ✓ 5 l ✓
15750002 11750400 15750005



WEICON Solutions for Mechanical Engineering

Technical Sprays and Liquids

Double Nozzle Only for the 500 ml product



W 44 T® Multi-Spray

- lubricates mechanical precision devices
- dispels moisture
- protects against corrosion

400 ml ✓ 500 ml ✓ 5 l ✓
 11251400 11251550 15251005



Corro-Protection

- corrosion protection of metal parts for indoor storages
- permanent conservation of tools and precision components made out of metal
- transparent, TÜV-approved protection layer



400 ml ✓ 5 l ✓
 11550400 15550005

Stainless Steel bright grade

- with stainless steel pigments
- optics correspond to treated stainless steel look
- temperature resistant from -50°C to +300°C (-58°F to +572°F)

400 ml ✓
 11104400

Zinc-Spray



Nonfood Compounds Program Listed R2 Registration 156012

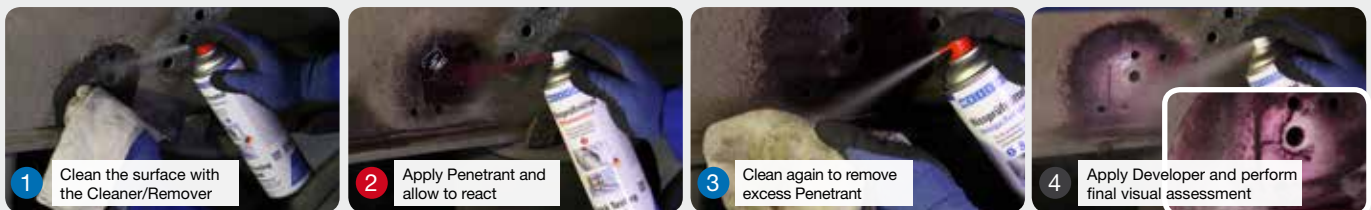


- cathodic corrosion protection
- overpaintable
- >1.050 hours salt spray test according to DIN EN ISO 9227

400 ml ✓
 11000400



WEICON Crack Testing Agent



Cleaner, Penetrant and Developer for the non-destructive material testing by way of colour penetration process

Cleaner/Remover ① & ③

Material-neutral special cleaner for the colour penetration test. Suitable for metals, many plastics, ceramic materials, glass etc. The suitability for plastic has to be tested in advance.

500 ml ✓
 11692500

Penetrant ②

Red diffusion agent with excellent capillary action for the non-destructive material testing - washes off with solvent. Suitable for metals, many plastics, ceramic materials, glass etc. The suitability for plastic has to be tested in advance.

500 ml ✓
 11690500

Developer ④

Colourfast special developer on solvent basis for colour penetration tests. Suitable for metals, many plastics, ceramic materials, glass etc. The suitability for plastic has to be tested in advance.

500 ml ✓
 11691500



Standards and regulations
 Sample-tested according to DIN EN ISO 3452-2. Low sulphur and halogen content, according to DIN EN ISO 3452-2 and ASME Code, Section V, Article 6. AREVA NP TLV 9017.

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Technical Sprays for sensitive areas

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 that meet, quality and safety-wise your exact requirements.


We have developed a variety of special products for the most different applications which meet the high standards of the *NSF International*.

These products can be used in sensitive areas such as food production, food and beverage industry and the pharmaceutical and cosmetic industry. Here our adhesives and sealants, assembly pastes or cleaners can be applied in the different areas of production.



Metal-Fluid Nonfood Compounds Program Listed A1,C1 Registration 138124


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

400 ml 
11580400



Silicone-Fluid Nonfood Compounds Program Listed H1 Registration 150726


- excellent sliding and separating effect
- temperature resistance from -30°C to +250°C (-22°F to +482°F)

400 ml 
11351400



Spray-on Grease H1 Nonfood Compounds Program Listed H1 Registration 140651


- white grease
- high-temperature-resistant
- odour- and tasteless

400 ml 
11541400



Bio-Fluid Nonfood Compounds Program Listed H1 Registration 138103


- high lubricating effect and good creeping properties
- high-purity medical white oil

500 ml 
11600500



Rust Loosener Fluid Nonfood Compounds Program Listed H1 Registration 152621


- penetrates into the smallest cavities
- secures the function of mechanical parts and electrical contacts
- protects against corrosion and oxidation

400 ml 
11154400



Top-Lube-Fluid Nonfood Compounds Program Listed H2 Registration 152617

- particularly adherent and pressure-resistant
- noise-damping and water-repellent
- prevents elongation, friction and wear

400 ml 
11512400



WEICON Solutions for Mechanical Engineering



PTFE-Fluid Nonfood Compounds Program Listed H1 Registration 152619

- repels dirt, dust and water
- resistant against oils, greases and many chemicals
- can contribute towards the improvement of workplace safety and health protection

400 ml
11301400



Anti-Seize High-Tech Nonfood Compounds Program Listed A1 Registration 156389

- white assembly paste
- high-temperature-resistant
- metal-free

400 ml
27050400



W 44 T-Fluid Nonfood Compounds Program Listed H2 Registration 152620

- resin and acid-free
- excellent penetration properties
- lubrication, water displacement, corrosion protection, cleaning and conservation in one product

400 ml
11253400



Fast Cleaner Nonfood Compounds Program Listed H1 Registration 141636

- pH-neutral and material-compatible
- can be used on many different materials such as metals, glass, ceramics and most rubbers and plastics
- can contribute towards improvements in occupational safety and health protection

500 ml
11212500



Foam Cleaner Nonfood Compounds Program Listed A1 Registration 157612

- powerful universal cleaner, cleans without leaving any residues
- cleans various surfaces such as metal, plastic, glass, ceramic, or varnished and coated surfaces

400 ml
11209400



Universal Spatula white 10953008

Special spatula for the gentle removal of the most diverse contamination and residues. Suitable for use in the food industry. EU Regulation 10/2011/EC plastics with food contact.

-Classifications for

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, Silicone-Fluid, Spray-on Grease H1, Rust Loosener-Fluid, W44T-Fluid
H2	Lubricant where there is no possibility of food contact in and around food processing areas.	PTFE-Fluid, Top-Lube-Fluid

Cleaning Agents

A7	Metal cleaner and polisher for nonfood contact surfaces in and around food processing areas. Odours associated with the compound must be dissipated before food products or packaging materials are re-exposed in the area.	WEICON Metal-Fluid (Technical Liquid) WEICON Metal-Fluid (Spray)
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 (Technical Liquid) WEICON Metal-Fluid (Spray)
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

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WEICON TOOLS®

Since 1967 we develop, produce and distribute an extensive range of wire stripping tools. This includes cable strippers, wire strippers, dismantling and multi-functional tools. Our tools have been developed for accurate, fast and safe stripping of all common cable types. They carry the GS seal of TÜV Nord and were developed under the aspects of work safety. The tools are specifically tailored to the needs of professional users, are found in both, crafts and industrial use and are also suitable for domestic use.

Wire Stripper No. 5

- for finely stranded and solid conductors with PVC insulation
- for all common conductors from 0,2 - 6 mm² (24 - 10 AWG)



mm	g	mm ²	Ømm	Art.-No.
170	107	0,2 - 6 (24 - 10 AWG)	-	51000005



Wire Stripper No. 7 *Magic*

- for finely stranded and solid conductors with PVC insulation
- for all common round cables from 0,5 - 16 mm² (20 - 6 AWG flexible) (20 - 8 AWG massive)



mm	g	Round cables	mm ²	Art.-No.
170	217	flexible solid	0,5 - 16 (20 - 6 AWG) 0,5 - 10 (20 - 8 AWG)	51000007

Cable Stripper No. 4-28 H

- precise and safe dismantling
- for all common conductors of 4 - 28 mm Ø
- with protection cap



mm	g	Ømm	Art.-No.
185	98	4 - 28	50054328



WEICON Solutions for Mechanical Engineering

Duo-Crimp No. 300

- insulation removal from 0,5 mm² to 6,0 mm²
- two crimping ranges are offered (0,5 - 2,5 mm² and 4,0 - 6,0 mm²)
- integrated, well accessible side cutter up to 6 mm²



mm	g	mm ²	Ømm	Art.-No.
160	116	0,5 - 6 (20 - 10 AWG)	-	51000300

Multi-Opener



- no scratching of sensitive surfaces
- conductive ESD material protects against electrostatic discharge
- flexible fibreglass-reinforced polyamide



mm	g	Surface Resistance	Art.-No.
180	22	approx. 10 ⁹ Ω	52800000

Crimp-Set Pro

- 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	52880002

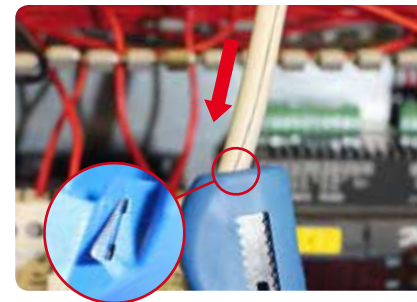


Quadro-Stripper No. 16

- circular and longitudinal cutting - stripping - cutting
- exchangeable hook blade, firmly locked in any position
- anti-slip handle shape



mm	g	mm ²	Ømm	Art.-No.
125	53	0,5 - 6 (20 - 10 AWG)	8 - 13	52000016



Cable Scissors No. 35

- 2-component handles for increased safety
- high cutting performance
- blades made of special stainless steel

Cu/Al
 <35 mm²

Cu/Al
 <50 mm²



mm	g	mm ²	Ømm	Art.-No.
150	90	-	-	52000035

Starter-Set Pro

- 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	52880001



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