



WEICON Solutions for

Mechanical Engineering



www.weicon.com

V 1.26

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 ✓
10017876



AN 302-60

- threadlocking
- drinking water approval
- for passive surfaces
- application without activator possible

medium viscosity
high strength
hard to disassemble

50 ml ✓
10017878



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 ✓
10019941 10019591



Nonfood Compounds
Program Listed S2
Registration 187442

AN 305-42

- hydraulic and pneumatic sealing
- DVGW approval

medium viscosity
medium strength
disassembly with normal tools

50 ml ✓
10017877



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 ✓
10019943 10026707



AN 305-77

- thread sealing
- drinking water and DVGW approval

high viscosity
medium strength
disassembly with normal tools

50 ml ✓ 300 ml ✓
10019949 10034148



Nonfood Compounds
Program Listed S2
Registration 159910

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 ✓
10017888



AN 306-10

- retaining cylindrical assemblies for passive materials

medium viscosity
high strength
hard to disassemble

50 ml ✓
10017883



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



Plast-o-Seal®

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

90 g ✓ 120 g ✓ 230 g ✓ 300 g ✓
10014387 10014388 10039427 10014389
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 ✓
10038882 10038883 10038884
red yellow green
60 g ✓ 60 g ✓ 60 g ✓
10047481 10047485 10046906
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



| | | |
|-------------------------------|------------------------------|-------------------------------|
| 280 ml ✓ 10104011 white | 280 ml ✓ 10104007 grey | 280 ml ✓ 10103997 black |
|-------------------------------|------------------------------|-------------------------------|

Flex 310 M® HT 200

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

| |
|------------------------------|
| 280 ml ✓ 10104850 grey |
|------------------------------|



Gasket Maker

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

| | |
|-----------------------------|-------------------------------|
| 280 ml ✓ 10105055 red | 280 ml ✓ 10105064 black |
|-----------------------------|-------------------------------|

Flex+bond®

- good adherence on almost all materials
- free of isocyanate and silicone ✓
- resistant to ageing
- free of solvents

| | |
|------------------------------------|------------------------------|
| 85 ml ✓ 10018364 transparent | 85 ml ✓ 10012994 white |
| 85 ml ✓ 10014356 black | 85 ml ✓ 10012995 grey |



NEW Now in a mini tube-shaped bag

- ✓ easier application
- ✓ simple to use
- ✓ improved shelf life
- ✓ reduction of packaging waste



Erhöhte Lagerstabilität
+18 Monate
Longer shelf life

Black-Seal

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

| | | |
|-----------------------------|------------------------------------|---------------------------------|
| 85 ml ✓ 10022222 Tube | 200 ml ✓ 10000763 Press pack | 280 ml 10104022 Cartridge |
|-----------------------------|------------------------------------|---------------------------------|



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 ✓ 10016400 |
|--------------------|



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 ✓ 10016402 |
|--------------------|



WEICON O-Ring Bonding Set

Content:

- 10025827 **Contact VA 30 Black** 12 g
- 10024317 **Surface Cleaner** 150 ml
- 10000275 **Contact Primer** 10 ml
- 10045522 **WEICON Cutter-knife**
- 1 m round cord (NBR) each:** Ø 2, 3, 4, 6 und 8 mm

| |
|-------------------|
| Set ✓ 10034766 |
|-------------------|

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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

0,5 kg ✓ 2,0 kg ✓
10000071 10000072

WEICON HB 300



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

1,0 kg ✓
10000099

WEICON CBC

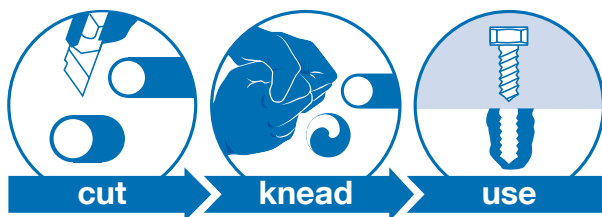


- very liquid, self-levelling
- permanent high static strength
- chemical-resistant and vibration-proof

3,0 kg ✓ 10,0 kg ✓
10045020 10045019

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 ✓ 115 g ✓
10011973 10011970

Steel



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

57 g ✓ 115 g ✓
10010241 10007705

Epoxy Adhesives Easy-Mix HT 180 and HT 250



The ideal adhesives for **POWDERCOATING** HT 180 and HT 250

HT 180



- High temperature resistance
- steady
- shock- and impact resistant

50 ml ✓
10044884

-50°C to +180°C, briefly up to +230°C



HT 250



- Very high temperature resistance
- high adhesion to metals
- high thermal conductivity

50 ml ✓
10056568

-50°C to +200°C, briefly up to +250°C



Helix Mixing Nozzle 10030395



Hand Dispenser D50 10005237

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 ✓
10039649

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

690 g ✓
10034480

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 ✓
10000221
Spray

400 g ✓
10000195
Cartridge

1,0 kg ✓
10000197
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 ✓
10025953
Spray

1,0 kg ✓
10013761
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 
10000147 10000347

Surface Cleaner

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

400 ml  5 l 
10024313 10025288

Workshop-Cleaner

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


500 ml*  5 L 
10016977 10016800



*Can only be applied with the WPS 1500

Parts and Assembly Cleaner

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

500 ml  5 l 
10027850 10027843

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



AT-44 Allround-Spray


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

400 ml  5 l 
10000150 10000356



WSD 400 Pressurized-Air Spray Can

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

400 ml 
10009301




Pump Dispenser WPS 1500

with EPDM-seals
10016002
Refillable plastic sprayer with special seals for approx. 1.300 ml Technical Liquid.



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 
10026705

Rust Loosener and Contact Spray

- excellent creeping capacity
- loosens rusted screws
- dispels water

400 ml  5 l 
10023536 10000340


Anti-Spatter Spray

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

400 ml  5 l 
10000160 10000337




Anti-Friction Spray MoS₂

- dry lubricant
- repels dust, dirt and water

400 ml 
10029748

Cutting Fluid

- high-performance cutting oil
- excellent lubrication
- free of mineral oil

250 ml  400 ml  5 l 
10011167 10000161 10000368



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 ✓
 10001023 10039121 10007793



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 ✓
 10000157 10000787

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 ✓
 10032003

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 ✓
 10000016



WEICON Crack Testing Agent



1 Clean the surface with the Cleaner/Remover



2 Apply Penetrant and allow to react



3 Clean again to remove excess Penetrant



4 Apply Developer and perform final visual assessment

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 ✓
 10047463

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 ✓
 10047461

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 ✓
 10047462



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



NSF
NSF International
Program Listed A2
Registration 100158

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

400 ml ✓
10016338



Silicone-Fluid



NSF
NSF International
Program Listed H1
Registration 100158

- excellent sliding and separating effect
- temperature resistance from -30°C to $+250^{\circ}\text{C}$ (-22°F to $+482^{\circ}\text{F}$)

400 ml ✓
10009519



Spray-on Grease H1



NSF
NSF International
Program Listed H1
Registration 100158

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

400 ml ✓
10021359



Bio-Fluid



NSF
NSF International
Program Listed H1
Registration 100158

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

500 ml ✓
10000158



Rust Loosener Fluid



NSF
NSF International
Program Listed H1
Registration 100158

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

400 ml ✓
10039111



Top-Lube-Fluid



NSF
NSF International
Program Listed H2
Registration 100158

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

400 ml ✓
10039117



WEICON Solutions for Mechanical Engineering



PTFE-Fluid



Nonfood Compounds
Program Listed #42
Registration 152528
NO FOOD CONTACT

- 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 ✓
10039115



Anti-Seize High-Tech



Nonfood Compounds
Program Listed #41
Registration 141888

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

400 ml ✓
10000221



W 44 T®-Fluid



Nonfood Compounds
Program Listed #41
Registration 152528

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

400 ml ✓
10039113



Fast Cleaner



Nonfood Compounds
Program Listed #41
Registration 141888

- 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 ✓
10039119



Foam Cleaner



Nonfood Compounds
Program Listed #41
Registration 152528

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

400 ml ✓
10050556



Universal Spatula
white 10039185

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.

NSF -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 (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) | - | 10006786 |



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) | 10018202 |

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 | 10012844 |



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) | - | 10007406 |

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 | 10044966 |

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 | 10039670 |

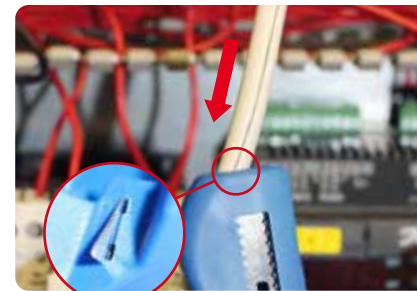


Quadro-Stripper No. 16

- 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 | 10038853 |



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 | - | - | 10039667 |

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 | 10039670 |



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