



Specialty products
for production
repair
maintenance

Programme overview

worldwide

Even under extreme conditions!



 **Fraunhofer**
IFAM



 **Industrieverband
Klebstoffe e. V.**
German Adhesives
Association

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WEICON® U+P 2012

worldwide

Hello!

We are pleased that you are interested in WEICON products and solutions. In this programme overview, we are presenting a part of our large assortment.

Your requirements are our daily motivation: the development of highly qualified products and services from a single source – so that you have only one contact person for all kinds of applications.

We gladly take on changing and growing demands. Whether you are in Dubai, Dublin or Düsseldorf, we at WEICON believe in close connections.



Sincerely, Ralph Weidling

WEICON...You can rely on us!

For more than 60 years, WEICON has stood for the highest quality – even under the most extreme conditions. Worldwide.

WEICON develops, produces and sells special adhesives and sealants, technical aerosols and high-performance assembly pastes and greases for all areas from production, repair and maintenance to servicing.

The second pillar of the company, which was founded as a tool distributor in 1947, is the development and sale of stripping tools. WEICON is an innovation leader in this market segment.

CEO Ralph Weidling is counting on the solid development of the industrial enterprise – at the Münster site and all over the world. Since 2005, WEICON has had a subsidiary in Dubai, U.A.E., since 2008 a site in Kitchener / Ontario, Canada, since 2011 in Istanbul, Turkey and since 2012 in Targu Mures, Romania.

WEICON is a specialist with a wide assortment of more than 300 products. Products that users in about 75 countries trust every day.

Specialty products for
production
repair
maintenance



Ralph Weidling
Managing Director
WEICON GmbH & Co. KG

Two-component adhesives

Plastic Metal

The ideal material for repair and maintenance, tool and mould making



WEICON Plastic Metal

The ideal product for fast, cost-effective and durable repairs, bondings and coatings of the most different types of material.

WEICON Plastic Metals are two-component epoxy resin compounds which harden practically without shrinkage. After hardening WEICON Plastic Metals can be machined mechanically and are therefore most suitable for various repairs and applications.

Fillers such as aluminium, steel or minerals determine the technical properties. Types with different viscosities or extraordinary resistance to high temperatures or abrasion are available. All types are extremely resistant to aggressive media.

WEICON A Putty, steel-filled



Especially suitable for the elimination of corrosion damages and pitting on tanks, repairs on pipes and castings, housings and machine parts.

Also for the making of moulds and models, tools and fixtures.

WEICON B Viscous, steel-filled

Making of moulds and models, tools, templates, gauges and fixtures.

Also for filling blowholes and microporosities on castings as well as for general repair works where a castable compound is advantageous.



*Approval Certificate of Germanischer Lloyd

Two-component
adhesives

Plastic Metal

The ideal material for repair
and maintenance, tool and
mould making



WEICON BR
Putty, bronze-filled

For filling blowholes and rebuilding
bronze equipment parts
(e.g. propellers of ships).

WEIDLING C
Liquid, aluminium-filled

Suitable for pouring out moulds
(e.g. vacuum and foam moulds),
making fixing devices and tools
(e.g. injection dies) which are
exposed to high temperatures.

Temperature resistant up to +220°C
(+428°F).



WEICON F
Putty, aluminium-filled

Filling blowholes and reconditioning
of parts (e.g. injection moulded
parts, holding devices).

WEICON F2
Viscous, aluminium-filled

Making of castings, moulds and
templates, prototypes and fixing
devices. Ideal for pouring out
swages to test their exactness or
for pouring out fixing devices in
ultrasonic welding machines.

WEICON SF
Putty, steel-filled,
fast-curing



For quick repairs
and bondings (e.g. on leaky pipes,
 housings and gears) as well as
for making anchorages and fixing
devices.

WEICON WR
Liquid, steel-filled, wear resistant

Repair of shafts, pouring out
bearings, cutting and punching
tools, making of castings, drawing
moulds, underpouring machines and
foundations.

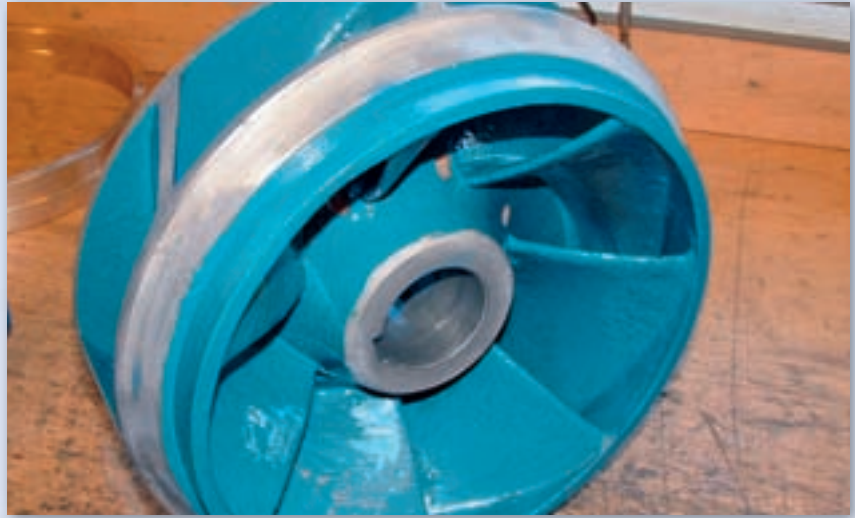


*Approval Certificate of Germanischer Lloyd

Two-component adhesives

Plastic Metal

The ideal material for repair and maintenance, tool and mould making



WEICON WR2

Putty, mineral-filled, wear resistant

For repairs on conveyors, guides and sliding ways where rolling or sliding movements cause wear. Also for lining pump housings and extruders and for the repair of worn-out flanges.

WEICON Ceramic BL

Liquid, mineral-filled, extremely wear resistant

Brushable surface protection with extremely high wear and abrasion resistance.

As a preventive coating or applied after repair, it reduces abrasion on castings, valves, blower vans and in many other applications.



WEICON HB 300

Putty, steel-filled

An easy-to-use putty that can also be applied on vertical surfaces. Mixing ratio 1 : 1, high temperature resistant up to +280°C (+536°F).

WEICON UW

Putty, steel-filled, curing under water



WEICON TI

Putty, titanium-filled

Especially suitable for applications that require high compressive strength and extreme chemical resistance, e.g. repair of pumps, valves, wearing plates, ball bearing seats, shafts, centrifugal pumps and propellers.

Also for lining pump housings, slide bearings, etc.

Special putty type with very high bonding strength on damp and wet surfaces and even under water. Particularly suitable for repair and maintenance jobs in the marine and off-shore sector.



Two-component
adhesives

Plastic Metal

The ideal material for repair
and maintenance, tool and
mould making



WEICON Ceramic W
Putty, mineral-filled,
extremely wear resistant

Provides a white surface protection
coating with extremely high
resistance against abrasion and
chemical substances.
High temperature resistant briefly up
to +260°C (+500°F).



WEICON ST
Putty, metallic-filled

High-grade, non corrosive putty
for various repair and maintenance
works on machine parts and stain-
less steel equipment.



**WEICON Casting Resin
MS 1000**
Liquid, unfilled

Universal casting and laminating
resin system. May be filled with a
variety of different fillers. Can also be
used as back-filling material.

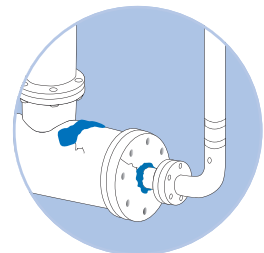
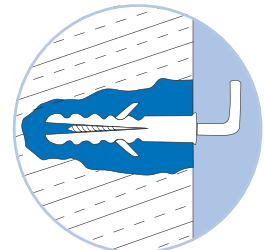
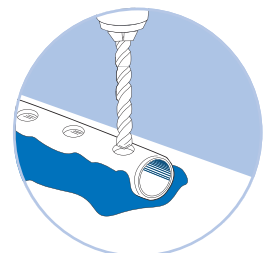
**WEICON Epoxy
Resin Putty**

The versatile problem solver for
repair, maintenance and construction.

Epoxy Resin Putty is an easy-to-
apply, cold curing two-component
putty suitable for sealing, fastening,
bonding and repairing.



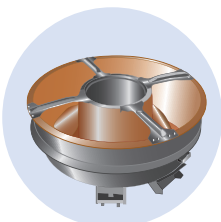
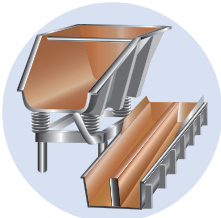
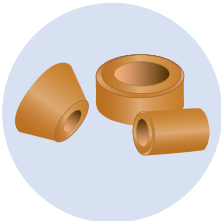
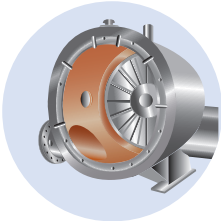
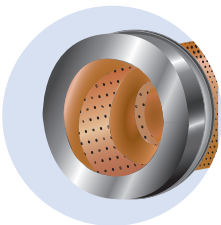
The cured material can be machined
(e.g. drilled, filed, milled) and
overpainted without pretreatment.



Two-component adhesives

Urethane

Flexible Casting and Coating Resin with high impact strength and abrasion resistance



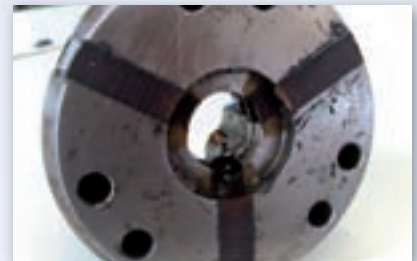
WEICON Urethane

Two-component polyurethanes that cure at room temperature to tough rubber-like materials, remaining flexible at temperatures down to even -60°C (-76°F).

Urethanes adhere to a variety of materials such as metals, concrete, rubber, wood, fibreglass and many others.

Available in Shore A hardnesses of 45, 60 and 80.

Due to their low sensitivity to humidity they can also be used for coatings in thin layers and have a remarkably high tensile and tear strength.



They are also suitable as flexible coatings in connection with Plastic Metal (epoxy) systems.

In addition, Urethanes are excellently suitable as vibration or insulation protection of machines.





Two-component
adhesives

Repair Sticks

The easy solution
for all repair and
maintenance works

WEICON Repair Sticks

Easy to use: Cut off – knead – use

Temperature resistant from -50°C (-58°F) up to +120°C (+248°F), briefly up to +150°C (+302°F).

Type Aqua – ideal for repairs on wet and damp surfaces and for under water applications.



Type Aluminium – for non-rusting repairs and bondings of aluminium and other metal parts.

Type Steel – especially for quick and high-strength repairs and bondings of steel and other metal parts.

Type Titanium – for high temperature and wear resistant repairs and bondings of metal parts. Temperature resistant up to +280°C (+536°F) briefly up to +300°C (+572°F).

Type Copper – very short pot life (4 min.). For quick repairs of cracks, holes and leakages.



Type Wood – for durable and elastic, non-shrinking repairs of wooden parts.

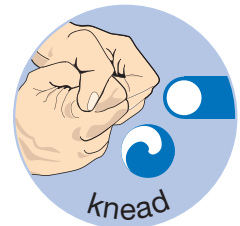
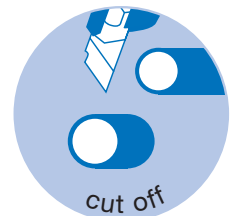
Type Plastic – especially for durable repairs of plastic parts* and fibre reinforced materials (GFRP, CFRP, fibre glass) with residual elasticity as well as for bondings of metal parts.

*except for plastics such as PE, PP, PTFE, etc.

Type Concrete – For quick repairs and reconditioning of all concrete and stone parts. Fills and closes cracks and defect parts on masonry, stone slabs, concrete slabs and tiles, bricks, borders and kerbstones, statues, gravestones and ornaments.

Type Stainless-Steel – For non-corroding repairs and reconditioning of stainless steel parts and other rust-proof metals.

Due to the quick mechanical loading capacity of the mended parts (approx. 60 minutes), expensive and longer downtimes are avoided.



NSF

NSF = Non-food Compounds
Registration Programme
For the types: Steel, Copper,
Plastic and Stainless-Steel

Two-component adhesives

Epoxy Adhesives

fast
safe
economical



WEICON Epoxy Adhesives

Cold-curing, solvent-free two-component systems with extremely strong bonding properties.

They enable material bonds with high tensile and impact strength and are thus ideal for assembly, repairs and production.

In particular in cases of innovative constructions and bonds between different materials such as

- metals, hard plastic
- fibre-reinforced materials (GRP, CFRP, fibre glass etc.)
- ceramics, glass, stone, wood etc.,

today's requirements are ever more demanding (e.g. optically attractive joints coupled with very high strength). Frequently these materials are combined with one another, which leads to additional requirements.

For specific applications, there are different adhesives available. They vary with regard to their handling, speed at which they cure, viscosity, colour, range of temperatures and the strength which can be achieved.

WEICON Easy-Mix

Mixing and Dosing System

Thanks to the modern mixing and dosing system, all four types can be clearly and accurately automatically dosed, mixed and applied in only one working operation.

WEICON Easy-Mix S 50

For quick repair and maintenance jobs. Ideal too for series production with short cycle times.

- viscous, self-levelling
- very short pot life (4-5 minutes)
- fast-curing
- pale yellow, clear

WEICON Easy-Mix N 50

Ideal for manufacturing processes with assembly and positioning carried out at different times.

- viscous, self-levelling
- normal pot life (45 minutes)
- longer curing time
- yellow, opaque



Two-component
adhesives

Epoxy Adhesives

fast
safe
economical

WEICON Easy-Mix N 5000

Particularly suitable for connections where appearances are important.



- liquid, self-levelling
- shorter pot life (20 minutes)
- normal curing time
- almost colourless, glass clear

WEICON Epoxy Minute Adhesive

This transparent adhesive retains elasticity after curing and is ideal for jobs in construction and assembly and in fact in all cases where the use of WEICON Easy-Mix Systems would not be efficient.

- viscous, self-levelling
- very short pot life (3-4 minutes)
- fast-curing
- almost colourless, glass clear

WEICON Epoxy Minute Adhesive

Especially suitable for occasionally necessary repair and maintenance works. They are applied by using the practical double syringe.

This means that resin and hardener are delivered automatically in the right proportions. After this, the mixing is done manually.

WEICON Easy-Mix Metal

Ideal for repairs requiring large tolerance gaps to be bridged.

- steel-filled
- viscous, self-levelling
- very short pot life (5 minutes)
- machinable after curing
- fast-curing
- black

WEICON Fast-Metal Minute Adhesive

Due to its high viscosity (paste consistency), this steel-filled adhesive cannot only be applied to vertical surfaces, it can also be used to fill cracks, bubbles and uneven surfaces.

Ideal for repairs requiring large tolerance gaps to be bridged.

- paste consistency, gap-filling
- very short pot life (3-4 minutes)
- quick-curing
- machinable (grinding, filing, drilling etc.)
- anthracite



Two-component adhesives

RK-Construction Adhesives

high strength
residual elasticity
impact resistant



WEICON RK-1300 and RK-1500

Two-component “No-Mix” structural adhesives. They provide high strength bonding even of large surfaces. The activator component can be applied up to 30 days prior to final bonding.

WEICON RK-1300 and RK-1500 are suitable for all metal surfaces (even coated) and many plastics. They also bond glass to metal.

Both adhesives distinguish themselves by their extraordinary peel strength and temperature resistance, briefly up to +180°C (+356°F).



For assembly, only the adhesive component – polymerizing upon contact with the activator – is applied. The cure time is 2 to 4 minutes.



Two-component
adhesives

RK-Construction Adhesives

Easy-Mix PE-PP 45

high strength
residual elasticity
impact resistant

New



WEICON RK-7000

Fast-curing construction adhesive for high-strength bonding of plastics, metals and many other materials

High viscosity, thus also suitable for vertical surfaces.

WEICON Construction Adhesive RK-7000 is alternatively available in the practical double syringe or in the modern "Easy-Mix" mixing and dosing system.

Temperature resistant from -55°C (-67°F) to +125°C (+257°F).



WEICON Easy-Mix PE-PP 45

Two-component construction adhesive on the basis of methyl acrylate.

In particular suitable for structural, high-strength bonding of low energy plastics such as PE, PP and TPE. A pre-treatment of the surfaces to be bonded is not required.

For the adhesion of these plastics, the surfaces have had to be extensively pretreated until now, for example:

- Mechanically (grinding, sandblasting, etc.)
- Chemically (fluorination)
- Physically (flame treatment, corona, plasma)

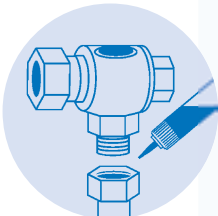
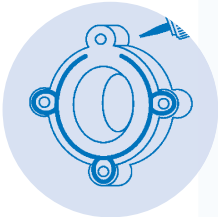
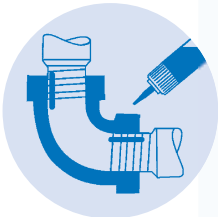
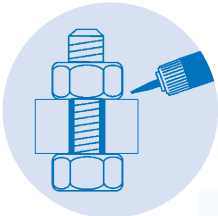
With the new adhesive WEICON Easy-Mix PE-PP, these pretreatments are no longer required. The "primer integrated" into the adhesive activates the surfaces and makes high-strength bonds possible.



One-component
adhesives

WEICONLOCK® Anaerobic Adhesives and Sealants

locking • sealing
retaining • gasketing



WEICONLOCK®

One-component anaerobic adhesives and sealants, especially made for metal assembly parts.

WEICONLOCK is a fast, reliable and economical product for retaining, sealing and gasketing all kinds of threaded, cylindrical or flanged joints.

In threaded joints, for example, WEICONLOCK completely fills the threads, thus creating the largest possible surface contact.

WEICONLOCK is ideal for locking and sealing threaded connections up to M 80 as well as for pipe and coarse threaded joints up to 3". Bearings, bushings, bolts and other slip-fitted or press-fitted parts can be retained with WEICONLOCK.



WEICONLOCK remains liquid as long as it is in contact with air. Curing does not start until the adhesive on the jointed parts comes into contact with metal and is deprived of air.



WEICONLOCK Activator F

The cure time can be reduced considerably by pre-treatment with WEICONLOCK Activator F, which is recommended for all passive surfaces and which is indispensable at low ambient temperatures (less than +10°C / +50°F) and for large gaps.

One-component
adhesives

WEICONLOCK® Anaerobic Adhesives and Sealants

locking • sealing
retaining • gasketing



WEICONLOCK® *New*

Anaerobic adhesives and sealants now also available for passive materials like chrome, zinc, nickel, stainless steel and aluminium.

Quick and high strength joints without activator. For applications where passive surfaces are involved, where the use of an activator is not wanted but where a rapid cure is required, our recommended types are:

AN 302-60

Threadlocking, medium viscosity, high strength

AN 302-80

Sealing of threaded pipes, higher viscosity, high strength

AN 306-10

Retaining cylindrical assemblies, medium viscosity, high strength

AN 306-30

Retaining cylindrical assemblies, higher viscosity, high strength

Handling strength is reached much quicker with these new types compared to the standard products (without activator).



WEICONLOCK® *New* transparent

Is applied wherever a coloured adhesive and sealant should not or may not be used for optical reasons or where it is unsuitable for the design.

AN 302-40

Threadlocking, medium viscosity, medium strength

AN 302-50

Threadlocking, medium viscosity, high strength

AN 306-00

Retaining cylindrical assemblies, medium viscosity, high strength

AN 306-50

Retaining cylindrical assemblies, higher viscosity, medium strength



One-component
adhesives

WEICONLOCK® White Line

locking • sealing
retaining • gasketing

New



WEICONLOCK® White Line

In order to take the increased requirements in the field of health protection and safety at work into account, WEICON now introduces the WEICONLOCK »White Line«. The new formular also enable use in sensitive production areas.



This results in the following advantages when using the new WEICONLOCK types:

- NSF drinking water approval in accordance with ANSI 61
- No marking¹ with danger symbols and risk or safety statements of the safety data sheet in accordance with the EC Regulations No.1907/2006 – ISO 11014-1
- Increased safety at work and health protection
- Excellent resistance to chemicals after curing



AN 301-43
Threadlocking, medium-strength,
– marking-free –

AN 301-70
Threadlocking, high-strength,
– marking-free –

AN 301-72
Pipe and flange sealing with PTFE,
medium-strength,
resistant to high temperatures up to
+200°C (+392°F)
– marking-free –

AN 301-38
Retaining cylindrical assemblies,
high-strength

AN 301-48
Retaining cylindrical assemblies,
high-strength, resistant to high
temperatures up to +175°C (+347°F)

One-component
adhesives

Plast-o-Seal®

Permanently plastic
universal sealant



WEICON Plast-o-Seal®

For sealing the faces of machine, gearbox and motor casing flanges and to improve the performance of both old and new gaskets made from paper, cork, felt etc.

WEICON Plast-o-Seal compensates for manufacturing defects such as scoring and scratches, thus enabling accurate assembly and construction with low tolerances. There is no need to overtighten fixings during assembly.



WEICON Plast-o-Seal remains permanently plastic, both before and after assembly. It allows easy joint dismantling and is economical in use.

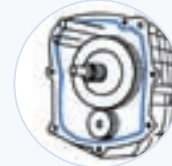
An excellent resistance to most fuels, mineral oils, water, air, coolant mixtures based on methanol and glycol, anti-freezes, kerosene, fluorocarbon refrigerants, etc., makes Plast-o-Seal suitable for a wide field of applications.

Without mechanical gaskets, the gap filling capability is up to 0.1 mm. Due to its non-sag property, WEICON Plast-o-Seal can even be used on vertical surfaces.

WEICON Plast-o-Seal is non-corrosive, free of silicone and solvents, neutral in odour and has a fluorescent blue colour.

Evaporation is not necessary, thus enabling immediate assembly of the parts.

Temperature resistant from -50°C (-58°F) to +250°C (+482°F).



One-component
adhesives

New

Thread Sealing Cord DF 175

locking
sealing



BAM-tested for oxygen, gaseous: up to
30 bar/+100°C (application with lubricant)
BAM-tested for oxygen, liquid: up to
30 bar/+100°C (application without lubricant)



DVGW for gas according to DIN EN 751-3 FRp
and GRp and DIN 30660.
DVGW test up to 100 bar according to DIN
EN 751-3 FRp and GRp at room temperature.
Unscrewing up to 45° tested and certified
by DVGW



Drinking water test according to the KTW
recommendation of the Bundesgesundheitsamt
(German Health Authority)



KIWA GASTEC Qa (NL): norm. 31, Class "20"



Thread Sealing Cord DF 175

WEICON DF 175 is a patented thread sealing cord made of 100% PTFE that seals almost all metal and plastic threads permanently and safely. WEICON DF 175 reliably compensates the intermediate space on the threads and creates a PTFE film in the required thickness during the screwing procedure. This film is extremely resistant to almost all chemicals, even the most aggressive solvents, caustic agents, and acids.

WEICON DF 175 is non-flammable and operates reliably in a temperature range from -200°C (-328°F) to +240°C (+464°F).

WEICON DF 175 is very economical: 1 roll replaces up to 20 rolls of PTFE tape (12 mm x 0,1 mm x 12 m).

In contrast to other sealing materials, for which the fabric solely acts as a base for the actual sealant, WEICON DF 175 itself is the sealing material. A separation of the base material and the sealing material over the service life of the screw connection is thus excluded.

WEICON DF 175 is durable for an unlimited period of time and stays permanently soft and elastic.

WEICON DF 175 is used

- for almost all sealing of plastic and metal threads
- for ducts and pipes in which extremely aggressive media are transported
- in connection with gaseous or liquid media, such as oxygen, propane, butane and many more
- in the area of drinking water
- in extreme temperature ranges between -200°C (-328°F) and +240°C (+464°F)
- in the area of solar applications
- wherever an unscrewing of the connection (tested up to 45°) without weakening of the sealing effect is required



One-component
adhesives

Contact Cyanoacrylate Adhesives

super fast
economical
versatile
durable



WEICON Contact

Cold-curing one-component adhesives, free of solvents.

They quickly polymerise by reacting with moisture both on the surfaces



to be bonded and from the air, and cure under light pressure.

They will bond within seconds almost all materials to themselves and among each other, such as metals, plastics, glass, ceramics, wood, leather, natural and synthetic rubber.



WEICON Contact Cyanoacrylate Adhesives provide high structural strength, with a temperature resistance from -50°C (-58°F) up to +135°C (+275°F) and good levels of resistance to a lot of chemicals.



In many instances, the cured bond joint proves to be stronger than the material of the bonded parts (material fracture).

A wide range of product types is available for a variety of applications. The types differ chemically and by their viscosity.



One-component adhesives

Contact Cyanoacrylate Adhesives

super fast
economical
versatile
durable



WEICON Contact Primer for Polyolefines

Plastics that have been pre-treated with WEICON Contact Primer change their surface structure.

Thereby, the joining of materials like polyethylene (PE) and polypropylene (PP), belonging to the polyolefine group, is made possible.



WEICON Contact Filler

Filler for instant bonding and filling-in of clefts and cracks, holes as well as unlevelled surfaces in conjunction with WEICON Contact Adhesive Type VA 8312.

Contact Filler should be applied in layers: adhesive – filler – adhesive.

After curing is completed, the material can be sanded and overpainted.

WEICON CA Activator-Spray

Use is recommendable with:

- highly viscous WEICON Contact types
- large thickness of the adhesive layer
- absorbing and porous surfaces
- passive materials (alkaline surfaces like e.g. zinc coated metal parts).
- disadvantageous environmental conditions (low temperatures, too low air humidity < 30%)





One-component adhesives
and sealants, silicon-free

Flex 310 M®

elastic
strong
overpaintable
sandable
free of isocyanate
and solvents

WEICON MS-Polymers

Elastic adhesives and sealants are used today 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.

The focus of such applications is generally not an extremely high load transmission.

Rather, dynamic loads like vibrations and expansion of the joined parts are to be absorbed and compensated.

Under the brand WEICON Flex 310 M, a variety of high-quality adhesives and sealants is available.

WEICON Flex 310 M are one-component products on an MS polymer basis. They are used for permanently elastic bonding and sealing of different materials to themselves or among each other.

WEICON Flex 310 M® Classic

For versatile use. Very good adhesion without primer on aluminium, stainless steel and many other surfaces. Excellent aging and UV stability. Sandable after curing.

WEICON Flex 310 M® Crystal

Crystal-clear after curing. Excellent adhesion on glass, PC*, PMMA* and acrylic glass. Therefore, especially suitable for elastic joints where the adhesive shall not or must not be visible.

* = only for tension-free bonding.

WEICON Flex 310 M® Super-Tack

Very high initial strength. For metals, plastics and many other materials. In particular suitable for bonding on vertical surfaces, indoor and outdoor. Replaces screws, pegs, rivets, and other traditional fixings.

WEICON Flex 310 M® HT 200

High-temperature resistant. Very good adhesion on metal and most plastics. Allows bonding and sealing of parts before thermal coating (e.g. powder coating).



New

New

ISEGA

ISEGA
Certificates of Conformity for
WEICON Flex 310 M® Crystal and
WEICON Flex 310 M® Classic as adhesives
in the foodstuff technology

One-component adhesives and sealants, silicon-free

Flex 310 M®

elastic
strong
overpaintable
sandable
free of isocyanate
and solvents

New



WEICON Flex 310 M® 2 K

Fast-curing, elastic two-component adhesive and sealant on a hybrid polymer basis. Especially suitable for structural and permanently elastic bonding in industrial manufacture and assembly.

The two-component system also enables surface-to-surface bonding of bigger parts and fills gaps up to max. 10 mm.

Due to its pre-defined and process-safe curing system, WEICON Flex 310 M 2 K is ideal for series production.

WEICON Flex 310 M 2 K adheres even without primer on almost all materials, e.g. metals, plastics and many others.

WEICON Flex 310 M® Stainless-Steel

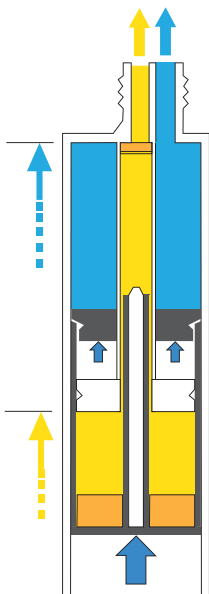
Elastic one-component adhesive/sealant on the basis of a MS polymer. Flex 310 M Stainless-Steel contains neither substances that disturb lacquer wettings (e. g. silicone) nor solvents or isocyanates.

Flex 310 M Stainless-Steel has a high adhesion power and does not cause corrosion on sensitive surfaces. Therefore, it is particularly suitable as bonding agent or joint and seam sealant on stainless steel, aluminium and non-ferrous metals, for example in:

- Metal construction, container and apparatus engineering
- Food industry
- Kitchen and sanitary installations
- Ventilation and air conditioning systems

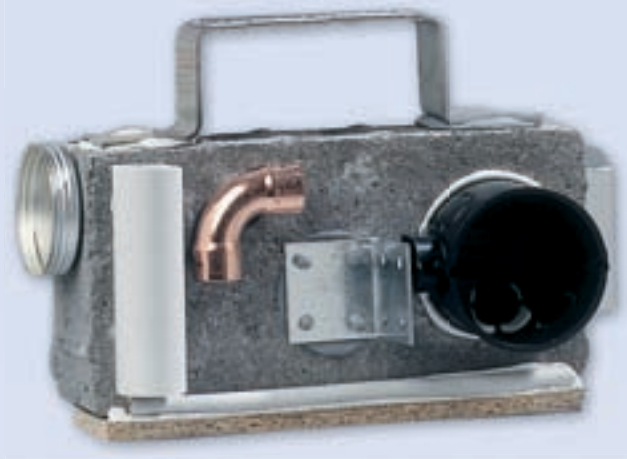
and wherever silicones or silicone-containing products are not suitable or desired.

Flex 310 M Stainless-Steel is used in all applications where the colour of the adhesive/sealant shall be adjusted to the surface material (e. g. stainless steel, aluminium, etc.).



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Certificates of Conformity for
WEICON Flex 310 M® Stainless-Steel as
adhesive in the foodstuff technology.



One-component adhesives
and sealants, silicon-free

Flex+bond®

Elastic and strong
adhesive/sealant

WEICON Flex+bond®

This product distinguishes itself by its wide range of application possibilities and the high adhesive force.

It bonds and seals nearly all materials such as metals, wood, plastics, glass and ceramics to themselves and among each other and is therefore the excellent product for a great variety of repairs and bondings as well as for the sealing of seams and joints.

Flex+bond remains permanently elastic and can be sanded (after curing) and overpainted* (wet in wet).

Available in white, grey, transparent and black colour

* Only "wet in wet," within 3 hours at the latest after material application with suitable paint coating systems (with exception of alkyd resin paints)

Here are some striking arguments!

Flex+bond is:

- permanently elastic
- temperature resistant from -40°C (-40°F) up to +90°C (+194°F), briefly (2-3 hours) up to +130°C (+266°F)
- resistant to weathering and UV rays
- resistant to salt water
- neutral in odour
- immediately overpaintable (wet in wet)
- cures without shrinkage and bubbling
- sandable
- resistant to ageing
- free of isocyanate and solvents
- free of silicone, halogen and PVC



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Certificates of Conformity for
WEICON Flex+bond® as adhesive
in the foodstuff technology.



One-component adhesives
and sealants, silicon-free

Speed-Flex®

Aqua-Flex

elastic, strong
overpaintable
sandable
free of isocyanate
and solvents



WEICON Speed-Flex®

Strong and universally usable power adhesive with extremely high initial adhesive strength; on MS polymer basis.

Replaces traditional fixings like screws, pegs, rivets, etc.

Speed Flex is pasty and stable and, thus, suitable for problem-free bonding even on vertical surfaces both in-house and outside.



WEICON Aqua-Flex

The ideal sealant and adhesive on MS polymer basis for wet and humid surfaces.

Suitable for metals, many plastics, ceramic, wood, glass, stone any many other materials. Good adherence on aluminium and stainless-steel, even without primer.



Suitable for:

- sealing tubes and water pipes
- the repair of tiles and joints, even under water
- bonding decoration elements in gardens, PVC foils, etc.
- sealings in humid areas and in the sanitary sector
- bondings and repairs in the maritime sector
- repair of roof leakages



Cartridge gun
WEICON „Special“

ISEGA

ISEGA
Certificates of Conformity for
WEICON Aqua-Flex and Speed-Flex® as
adhesives in the foodstuff technology.



One-component adhesives
and sealants, silicon-free

Solar-Flex®

- elastic
- strong
- overpaintable
- sandable
- free of isocyanate
and solvents

WEICON Solar-Flex®

Strong, elastic adhesive on MS polymer basis, especially suitable for the solar industry.

Both the very high initial bonding power and the fast development of adhesive strength enable bondings even on vertical surfaces.

Replaces traditional fixings in the assembly of solar and photovoltaic power systems.

For strongly stressed adhesive bonds in the following areas:

- Solar power systems
- Junction boxes
- Marking systems
- Metalworking
- Tank and apparatus construction
- Ventilation and air conditioning and wherever silicone or products containing silicone are unsuitable.

Advantages of Solar-Flex:

- High initial adhesive strength on vertical surfaces
- Broad range of adhesion, even on most surfaces
- Resistant to weathering and UV
- Free of silicone, isocyanate, and halogen
- Solvent-free, odour-free, non-corrosive
- Sandable (after hardening)



New



One-component adhesives and sealants, elastic

Silicone

bonding
insulating
sealing
casting



WEICON Silicones

Permanently elastic sealants and adhesives for bonding glass and metal constructions as well as for sealing gears and flanges.

Silicones are suitable for a wide range of industrial applications; one of their main features is their extraordinary high temperature resistance (up to +300°C/+572°F).

All WEICON Silicones offer excellent weathering, aging and UV resistance.

Furthermore, they are very stable against chemicals and mechanical loads.

WEICON Silicone A – acetate cross-linking –

Permanently elastic silicone sealant with high adhesive strength. Especially designed for high-performance applications in industrial fabrication.

Excellent adhesion on steel, aluminium, glass, ceramic, and many other materials.

WEICON Silicone N – neutrally-vulcanizing –

Neutrally-vulcanizing and non-corrosive silicone sealant. Very good adhesion on all metals, glass, ceramic and many other materials.

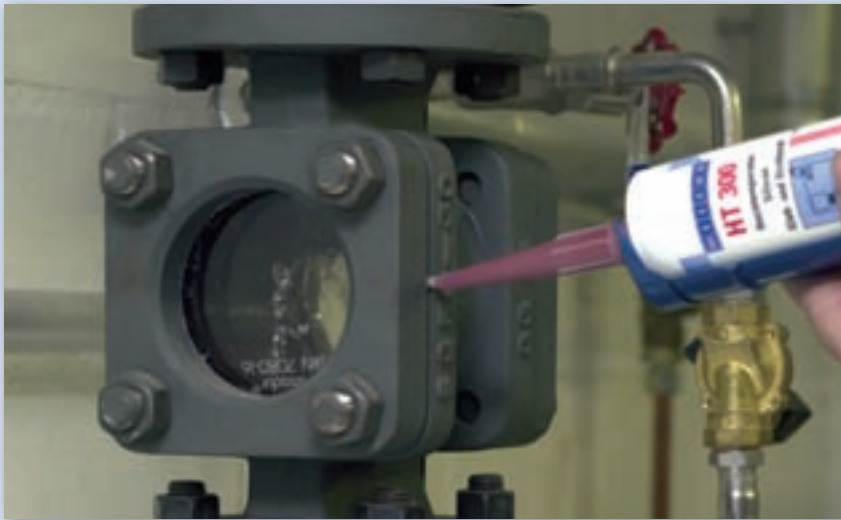
Different from acetate-cross-linking silicones, there is no corrosion on aluminium or nonferrous heavy metals due to the special vulcanizing system (oxime). In applications on sensitive plastic surfaces (PC, PMMA, etc.), tension cracks do not occur.

WEICON Silicone F – liquid, self-levelling –

Liquid, self-levelling casting and sealing compound. Especially for elastic bonding, insulation and impregnation in industrial use.

Also for sealing and casting (max. 10 mm) of technical components. Good adhesion on steel, aluminium, glass, ceramic and many other substrates.





WEICON HT 300
– high-temperature resistant –

High temperature resistant silicone sealant with excellent adhesive strength. Temperature resistant from -60°C (-76°F) up to +300°C (+572°F).

In particular suitable for heat-exposed elastic bonding and sealing. Very good adhesion on steel, aluminium, glass, ceramic and many other materials.

WEICON Black Seal
– Special Silicone –

Special grade silicone sealant, suitable for all applications where a special resistance to oils, greases and high temperatures is required.



Excellent adhesion on steel, aluminium, glass, ceramic and many other materials.

WEICON Flex 310
– Polyurethane Adhesive –

Elastic and strong adhesive and sealant on the basis of polyurethane (PUR).



A versatile product for bonding and sealing of metals, most plastics, ceramic, wood, glass, stone and many others.

WEICON Fast-Bond
- Structural and Assembly Adhesive -

Fast-curing one-component structural and assembly adhesive on the basis of polyurethane (PUR), universal in use. Suitable for plates of MDF or wood, flake or gypsum plaster boards, concrete, marble, natural or artificial stone, ceramic, metals, rigid foams (e. g. polystyrene), etc.

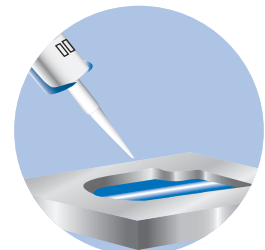
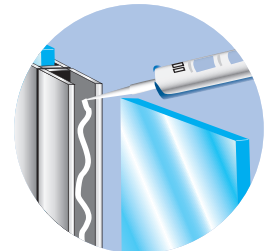
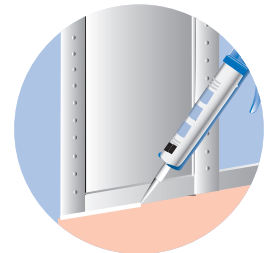
One-component adhesives and sealants, elastic

Silicone

bonding
insulating
sealing
casting

ISEGA

ISEGA
Certificates of Conformity for WEICON Flex 310 as adhesive in the foodstuff technology.



Technical Sprays

4

Metal Sprays

Surface and anti-corrosion coating



WEICON Zinc Spray Antirust Primer



Provides a durable cathodic corrosion protection for all metal surfaces, e.g. hot-galvanised parts.

The new zinc flakes form an extraordinarily resistant protective layer, also with extreme weather and environmental conditions.

Temperature resistant up to +500°C (+932°F), type "bright grade" up to +300°C (+572°F).



Zinc Spray forms a fast-drying, adherent protective layer of micro-fine zinc flakes.

WEICON Zinc Spray "bright grade"



In addition to the applications mentioned before, this product is often used to repair damaged hot-galvanized surfaces in matching colour.

WEICON Rust Protection 2000 PLUS

Special corrosion and weathering resistant surface coating made on the basis of iron-III-oxide (hematite).

A higher corrosion protection is achieved by double cross-coating application: > 2.000 hours salt spray test = > 20 years natural weathering (C5-I corrodibility class ISO 12 944, part 2).

Available in charcol-grey and silver-grey.



Even after more than 550 hours in the salt spray test according to DIN 53167 and DIN 50021, metal parts coated with Zinc Spray did not show any corrosion.



4

Metal Sprays

Surface and anti-corrosion coating



WEICON Aluminium Sprays

They contain aluminium pigments of a purity of <> 99.5% and offer excellent corrosion prevention for all metal surfaces.

Type A-100: abrasion resistant
Type A-400: highest brilliancy



WEICON Zinc-Alu Spray

Durable protection of all metal surfaces against rust and corrosion, providing a fast drying and adherent protective layer of micro-fine zinc-aluminium particles. Resistant to many chemicals.

WEICON Stainless Steel Spray

Corrosion and weathering resistant surface coating.

Due to its outstanding chemical resistance, this spray allows the use wherever reliable and effective surface protection is required.

Aluminium Sprays are resistant to most acids, lyes and to weathering.

The alloy is made of e.g. chromium, nickel and manganese.

The coating withstands temperatures up to +800°C (+1,472°F).



4

Metal Sprays

Surface and anti-corrosion coating



WEICON Copper Spray

High-quality, weather-resistant metal spray with high adhesion power for protective and decorative coatings, with an effective nonferrous metal character for indoor and outdoor use.



It is even used for the optical refinement (copper-plating) of various material surfaces or design parts.

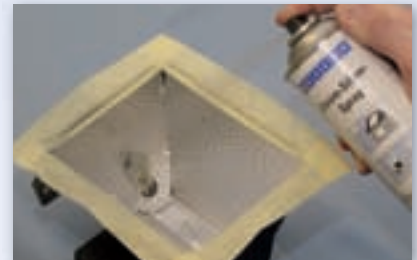
WEICON Brass Spray

Purely metallic coating in the typical brass colour.

For the protection and optical refinement of various materials.

WEICON Chrome-Silver Spray

High-brilliance surface coating. The special formulation and highest purity of the metal pigments create an extremely high gloss finish (chrome effect).



WEICON Corro-Protection

Enables temporary conservation of tools and metal precision parts for indoor storage and during overseas transport. Creates a waxy and hand-dry protective, flexible film free of silicones or silicone-containing materials. With temperatures of -20°C (-4°F) to $+80^{\circ}\text{C}$ ($+176^{\circ}\text{F}$), the layer is also resistant to salt water*.

The protective layer can be removed easily (e.g. with WEICON Cleaner S).

* 240 h salt spray test according to DIN 50021



Technical Sprays

Cleaning and degreasing



WEICON Cleaner Spray S

Degreases and cleans all metals, glass, ceramics and most plastics. Even gummy lubricants can be removed.

This spray is recommended for the pre-treatment of surfaces in applications with other WEICON products where greasy or oily layers would reduce their effectiveness. Cleaner Spray S evaporates quickly and cleans without leaving residues.

WEICON Brake Cleaner

Multi-purpose cleaner, especially for the automotive sector. Different from traditional products, Brake Cleaner evaporates without leaving residues. Degreases and cleans quickly and efficiently oily and greasy residues and dirt.



WEICON Surface Cleaner

New

For cleaning and degreasing surfaces to be joined or sealed with WEICON adhesives and sealants.

This cleaner can be applied on materials like metal, glass, ceramic and most plastics*.

Only grease-free and clean surfaces guarantee both good adhesion and reliable curing of the adhesive.

* Check surface compatibility prior to use.



Technical Sprays

4

Technical Sprays

Cleaning and degreasing



WEICON Burner Cleaner

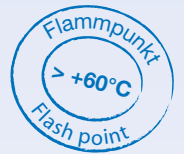
Especially formulated to remove greases, oil, soot and other dirt accumulation from burner parts, without leaving residues.



Parts and Assembly Cleaner

New

Especially developed cleaner for coarse, oily and greasy soiling. Because of the long working time, also suitable for cleaning bigger or heavily resinified surfaces. Parts and Assembly Cleaner is free of acetone, butanol, ethyl acetate, etc.



WEICON Plastic Cleaner

The ideal product for cleaning and degreasing sensitive surfaces, e.g. window frames and roller blinds, plastic and rubber profiles.



WEICON Mould Cleaner

Highly active organic solvents remove wax, silicones, oils, etc. as well as PUR-residues (in non-cured condition) from plastic, steel and aluminium moulds.



Technical Sprays

Cleaning and degreasing



WEICON Multi-Foam

The powerful foam cleaner for metals, plastics, lacquered surfaces, glass, tiles, textiles, carpets and upholstery.



WEICON Sealant and Adhesive Remover

Quickly and easily removes residues of hardened sealants and adhesives as well as lacquers and paints, even from vertical surfaces.



WEICON TFT / LCD Screen Cleaner

For the cleaning and care even of sensitive plastic and glass surfaces. TFT / LCD Screen Cleaner removes dirt, dust, grease and nicotine and cleans carefully without leaving residues. Its antistatic effect provides a dirt and dust-rejecting surface.



WEICON Compressed-Air Spray

This spray is used where traditional methods of dust clean-up would not work, as on parts of difficult access. It allows to dedust corners and sensitive surfaces in a dry and contact-free way.



Technical Sprays

4

Technical Sprays

Lubricating and multifunctional oils



WEICON AT-44

- Allround Spray with PTFE -

For use in all sectors of industry and workshops.

By its special formula, the product combines effectiveness in corrosion prevention, cleaning, water displacement and lubrication.

WEICON W 44 T® Turbo-Power-Spray

High-performance spray for all servicing and maintenance works. It is used in all fields of industry, workshops and hobbies.

W 44 T loosens seized threads, displaces moisture, eliminates squeaky and creaky noises, cleans dirty metal surfaces and protects and preserves tools.

WEICON Silicone Spray

Sliding and release agent for efficient production and maintenance.

Also used as a preservative and care product for plastics, rubber and metals.

Silicone Spray provides a durable separating film and good surface properties.

WEICON Fitting Spray

Fitting Spray is a maintenance and care agent with good adhering properties for all movable parts at windows, doors, gates, etc.

The transparent product is free of silicones, resins, acids and solvents.

Due to its special creeping and water-repellent properties, Fitting Spray reduces friction and wear and suppresses squeaky noises.



Technical Sprays

Adhesive lubricants



WEICON Bio-Cut

Bio-degradable, high-performance cutting oil that allows faster cutting speeds and longer tool life.

The performance of cutting and punching tools is considerably improved.

WEICON Bio-Fluid

High-purity, medical-grade lubricant, free of resins and acids, suitable for cleaning and care of bare metal surfaces.

Specifically developed for use in the food, pharmaceutical and cosmetic industry (complies with the German DAB 10 regulations).

WEICON PTFE-Spray

Dry, clean and grease-free PTFE-based lubricant with excellent sliding properties.



WEICON Chain and Rope Lube Spray

Deeply penetrates chain links and ropes. Due to its excellent adhesion and compressive strength, elongation, friction and wear are considerably reduced.



WEICON Adhering Grease - extra strong -

Adhering Grease has excellent lubricating properties and protects against corrosion and wear as well as against aggressive liquids (e. g. salt water, sewage water). Also suitable for underwater applications.



WEICON Spray-on Grease H1

Odourless and tasteless grease that has been formulated especially to meet the requirements of the food, cosmetic and pharmaceutical industry.

Spray-on Grease H1 is oriented to the high quality and safety standards of these sectors.



NSF = Non-food Compounds Registration Programme
For the types WEICON Bio Fluid and WEICON Spray-on Grease H1

Technical Sprays

4

Technical Sprays

Lubrication, care,
releasing and separating



WEICON Universal Spray-on Grease with MoS₂

Strongly adherent and high-pressure resistant long-term grease with MoS₂. Ensures a smooth running of machine parts and protects from corrosion.

WEICON Rust Shock

The “chemical wrench” frees up rusted threads within seconds combining chill effect and capillary properties. Free of mineral oil, silicone and grease; without leaving residues.



WEICON Spray-on Grease white

Multi-purpose sprayable grease for highly stressed parts. It contains special wear-reducing and corrosion-inhibiting additives ensuring long-lasting effectiveness.



WEICON Welding Protection Spray* – silicone-free –

Prevents the adhesion of weld spatter to gas nozzles and work-pieces without affecting the quality of the weld seam.



WEICON Top-Lub

Long-term lubrication for power-transmitting bolts, hinges, guides, bearings, joints and couplings.

WEICON Rust Loosener and Contact Spray

A 6-fold function spray: loosens rust, displaces moisture, ensures contact, inhibits corrosion, lubricates sliding surfaces and preserves metals.



* Tested by the Welding Instructional Institute in Hannover/Germany

Technical Sprays

Lubrication, care, releasing and separating



WEICON Alu Grinding Protection

When grinding aluminium or other non-ferrous metals and their alloys, the pores of the abrasive disc often get loaded or glazed due to the low hardness of these metals.

The use of Alu Grinding Protection avoids such a loading of the disc, and the pores of the grinding media remain open. This leads to an improvement of the grinding performance of up to 350%.

WEICON Mould Release Agent

Prevents the adhesion (e.g. of WEICON Plastic Metal) to plastics, moulds, metals and tools due to its high sliding effect. Silicone-free.

WEICON Label Remover

Removes paper labels and residues of acrylate- and caoutchouc-based pressure-sensitive adhesives from most surfaces, e.g. glass, metals, wood, foils and plastics.

WEICON Chewing Gum Remover

Removes even old chewing gum or modelling clay residues.

When sprayed on with WEICON Chewing Gum Remover, they will be frozen and can be detached immediately and without damaging textiles or floor coatings.



WEICON Contact Spray

New

Dispels moisture from electrical contacts, prevents leakage current and voltage loss and keeps contacts, fuses, cable connections, etc. free of oxidation and sulphide deposits.



Technical Sprays

4

Technical Sprays

Lubrication and care



WEICON Stainless Steel Care Spray

Formulated to particularly serve as an antistatic cleaning and preserving agent for mat and polished stainless steel surfaces.

WEICON Metal-Fluid Universal metal care

New and highly-effective, wax-based product for indoor care, protection and cleaning of mat and polished metal surfaces, e. g. stainless steel, aluminium, chrome, nonferrous heavy metal etc.

Also suitable for ceramics, wood, glass and plastics.



WEICON Cockpit-Spray

Cockpit Spray gives a durable, easy-to-care and dust-repellent silky shine. Intensively cleans and maintains all plastic surfaces and imitation leather. To brighten up and renew colours. Cockpit-Spray prevents bleaching and keeps synthetic materials elastic.

WEICON Hand Protective Foam

Protects against harmful and irritant ingredients as in aggressive chemical substances, e. g. acids, lyses, oils, tar, bitumen, ink, lacquers, paints and pigments, cement, lime, soot, glues and detergents (e. g. washing and cleaning agents).



The addition of liposomes helps to improve the moisture of the skin and to reduce its roughness.



NSF = Non-food Compounds
Registration Programme
For the type: Metal-Fluid



WEICON Leak Detection Spray

For the fast, comfortable and reliable location of leaks (cracks or porous spots) in pressurized pipes.

Leak Detection Spray is non-flammable, anti-corrosive, kind to the skin and DIN-DVGW-tested (certificate NG 5170AO0666).



WEICON Freeze-Spray

Suitable for a variety of applications, e.g. fault-finding in electronics or, in general, as repair and maintenance product in many industrial sectors.

Freeze Spray quickly cools parts down to -45°C (-49°F) and allows pinpointed chilling of even the smallest parts. It is non-conductive and suitable for any material (except plastic).



WEICON Adhesive Spray

Universal in use. For bonding light materials to themselves and among each other. The spray can is equipped with a special valve that allows an either horizontal or vertical stream. Temperature resistant from -20°C (-4°F) to $+65^{\circ}\text{C}$ ($+149^{\circ}\text{F}$).

WEICON Adhesive Spray – for detachable joints –

Clear and permanently tacky adhesive from the aerosol can on the basis of synthetic elastomers. For detachable and adjustable joints. Adhesive Spray neither strikes through nor leaves a wavy surface when working with thin materials. Temperature resistant from -20°C (-4°F) to $+70^{\circ}\text{C}$ ($+158^{\circ}\text{F}$).

WEICON Adhesive Spray – extra strong –

Especially developed for permanent and extra strong bonding of rough and uneven surfaces. A special valve allows small, medium or large adhesive quantities to be sprayed. Temperature resistant from -20°C (-4°F) to $+80^{\circ}\text{C}$ ($+176^{\circ}\text{F}$).



Technical Liquids

5

Technical Liquids

environmentally-friendly
economical
effective



WEICON Technical Liquids

Many WEICON Technical Sprays are alternatively available as liquids in canisters of 5, 10 and 30 litres.



Technical Liquids may be applied from the refillable pressurized-air spray can WSD 400, the Pump Dispenser WPS 1500 or the Pump Dispenser „Special“, thus providing an economical and ecological contribution to maintenance work.



WEICON Workshop Cleaner

Cleans and degreases all metals, plastics, rubbers, glass, ceramics and wood. Powerfully removes grease, oil, resin, soot, wax, nicotine, insect dirt, bitumen and tar splashes.

Workshop Cleaner is free of solvents and phosphates, compatible with oil separators (ÖNORM B5105) and biodegradable according to EU regulations. With appropriate use, Workshop Cleaner complies with the requirements of the German law concerning the handling of foodstuff and the German Decree on Consumer Goods.



It is highly concentrated and can be diluted with water on a ratio of 1:40 (max).



Technical Liquids

- environmentally-friendly
- economical
- effective



WEICON Pump-Dispenser WPS 1500

WPS 1500 is a refillable pump dispenser that can be used with many WEICON Technical Liquids.

The building-up pressure in the fluid container is achieved by pumping pure air with the pump rod.

An integrated security valve opens automatically as soon as the allowed pressure (max 4 bar) has been exceeded.



WEICON Pressurized-Air Spray Can WSD 400

The use of the pressurized-air spray can for WEICON Technical Liquids offers a lot of advantages:

- easy to handle
- practical for workshop use
- economical due to the use of liquids in bulk
- environmentally friendly thanks to reusability
- safe due to the non-flammable propellant (compressed air!)



WEICON Pump-Dispenser „Special“



Technical Liquids

5

New

Metal Pigment Coatings

permanent
abrasion proof
weather resistant



WEICON Brushable Liquid Zinc Paint

Colour shade: Zinc-grey

WEICON Brushable Liquid Zinc Paint is a coating with which metallic substrates are actively protected against corrosion.



WEICON Brushable Liquid Zinc Paint uses high concentration and pure spherical (round) metal pigments. The high amount of zinc in the coating ensures efficient cathodic corrosion protection.

WEICON Brushable Liquid Zinc Coating

Colour shade: Galvanized

WEICON Brushable Liquid Zinc Coating provides active protection against corrosion for all metallic surfaces and is available in a colour shade matched to the galvanization. In the case of WEICON Brushable Liquid Zinc Coating, flaky metal pigments (flakes) settle parallel to the surface in several, spatially displaced layers on the substrate (shingle effect).



WEICON Aluminium Paint

New

WEICON Aluminium Paint can be used universally on all metallic surfaces. It offers good protection against corrosion and is also used to touch up components.

Upon contact with moisture, aluminium pigments form a dense, almost impermeable oxide layer on the surface.

WEICON Stainless Steel Paint

New

WEICON Stainless Steel Paint contains stainless steel pigments of the highest purity and is used to protect against corrosion and improve the looks of metallic and non-metallic components.

The protective effect is achieved through the 'flake' arrangement of the stainless steel pigments and their particular hardness.





High-performance assembly pastes and sprays

Anti-Seize

separating
protecting
high-temperature
resistant

WEICON Anti-Seize

Corrosion protector and high-performance assembly paste or spray.

Due to its special formulation and most finely ground solid lubricants, this product fills all irregularities in the surface and effectively protects against seizure, abrasion, pitting and fretting corrosion.

WEICON Anti-Seize withstands high-pressure loads (230 N/mm²) and is temperature resistant from -180°C (-292°F) up to +1,200°C (+ 2,192°F).

New

WEICON Copper Paste

Copper Paste is a protecting, separating and lubricating agent for highly stressed parts, used as assembly lubricant for threaded joints and sliding surfaces of all kinds. Even with high temperatures and corrosive atmospheres, fretting corrosion and seizing is prevented efficiently.

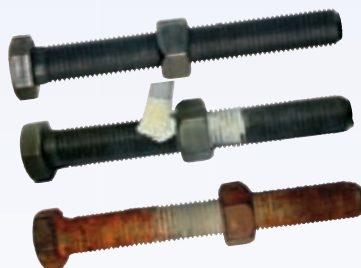
The strongly-adhering paste consists of special additives and a combination of solid lubricants made of graphite and copper particles. This ensures low friction values in threaded joints and excellent separating characteristics.

WEICON Anti-Seize „High-Tech“

White, metal-free*corrosion protection and high-performance assembly paste or spray. Prevents electrolytic corrosion (“cold welding”) between metals and is temperature resistant up to +1,400°C (+ 2,552°F).

Anti-Seize “High-Tech” is especially suitable for assembly work where the use of metal-containing compounds is not wanted for optical reasons, where nickel-containing products are prohibited for health reasons and where copper-containing products are prohibited for electro-chemical reasons.

*Contains under 0,1%

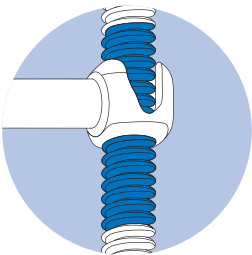
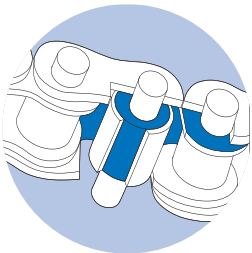
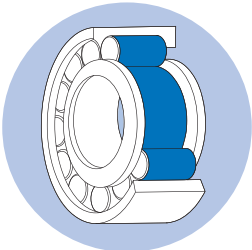
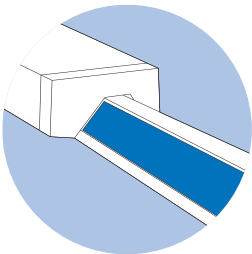


NSF = Non-food Compounds
Registration Programme
For the type WEICON Anti-Seize
„High Tech“

High-performance greases

Allround-Lubricant

lubricating
separating
protecting



WEICON Allround-Lubricant High-performance greases

Even in the present “high-tech age”, problems due to friction and wear are a matter of course in a lot of industrial sectors.

Extensive repairs, longer downtimes, shorter maintenance intervals and lower serviceable lives of plant and equipment are the consequence and cause enormous costs each year.

Modern high-performance lubricants, which meet the constantly increasing demands placed on plant and equipment, are thus increasingly gaining in significance.

WEICON Allround-Lubricant high-performance greases are specially developed to meet these high demands.

They provide sustained protection against friction and wear and thus enable:

- extremely long re-greasing intervals
- increased functional dependability and the retention of the value of the machine and production plants
- reduction of the maintenance and repair work
- improved economic efficiency



High-performance greases

Allround-Lubricant

lubricating
separating
protecting



Type AL-M with MoS₂

Strong-bonding and high pressure resistant long-life grease with MoS₂. Friction and wear are reduced for a long time.

Colour: black
Temperature range:
-20°C (-4°F) to +120°C (+248°F)

Type AL-W

Special lubricant and corrosion protection, also for underwater applications.

Effective protection against aggressive liquids (e.g. salt water, sewage water) in maritime environments and in wet plants.

Colour: beige
Temperature range:
-25°C (-13°F) to +80°C (+176°F)

Type AL-H

Odourless and tasteless high-temperature grease for the foodstuffs technology.

Colour: yellowish-white
Temperature range:
-40°C (-40°F) to +160°C (+320°F)

Type AL-F

Allround high-performance grease for lubricating rolling and sliding bearings and for all grease lubrication points, also in the foodstuffs industry.

Colour: white
Temperature range:
-30°C (-22°F) to +120°C (+248°F)

Type AL-T

Allround high-temperature grease for the long-term lubrication of rolling and sliding bearings at all sliding speeds permissible for grease lubrication.

Colour: dark brown
Temperature range:
-25°C (-13°F) to +190°C (+374°F)
briefly up to +200°C (+392°F)



NSF = Non-food Compounds
Registration Programme
For the types: AL-H und AL-F

Off-Shore

These projects have been carried out in cooperation with our partner, company Willteco from the Netherlands.

www.willteco.nl

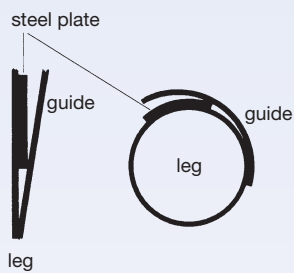


Securing of the transport of an oilrig with WEICON Plastic Metal RFC, a specially developed type for extreme requirements in the off-shore sector.

1,500 – 2,000 kg of WEICON Plastic Metal RFC are used for each transport job.

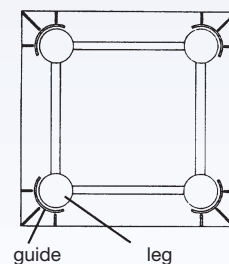
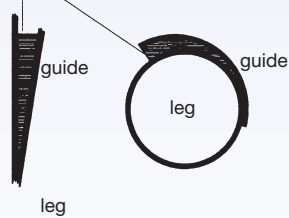


previous solution:



current solution:

Filling with WEICON R.F.C.





WEICON Cable Stripper S 4 – 28

A compact and safe solution on highest quality level, made of highly resistant synthetic fiberglass material.

1. Adjustments:

No damage of the inner conductors occurs due to the infinitely variable adjustment of the cutting depth. It can be handled easily and precisely with the adjusting wheel.

2. Circular – longitudinal cut

Both circular and longitudinal cuts are possible due to a self-turning stripping blade.

3. Application

Accurate, fast and safe stripping of all common round cables of 4 – 28 mm Ø.

4. Additional Blade

This is the first cable stripper of its kind which has an additional hook blade that can steadily jut out or be immersed into the tool and then be fixed in both positions due to reasons of operational safety. This is a new safety standard in the domain of “cable strippers”.

WEICON Cable Stripper S 4 – 28 Voltage

1. to 3. see WEICON Cable Stripper S 4 – 28.

4. Voltage tester:

The built-in voltage field sensor enables a safe detection of alternating voltages.



WEICON Cable Strippers

Special tools for precise, quick and safe stripping of all common round cables of 4 – 50 mm diameter. The swivel-blade automatically turns from circular to longitudinal cut. No damage of the inner conductors can occur due to the infinitely variable adjustment of the cutting depth.



8 Cable Strippers



WEICON Round Cable Stripper No. 13

Flush stripping of insulation jackets in switch cabinets, junction or distribution boxes.

For round cables with diameters of 8 – 13 mm. The ergonomic tool design provides a sure grip and safe handling.

WEICON Combi-Coax No. 3

This new development allows the stripping of all common coaxial cables (e.g. antenna and transmission cables) of 4.8 to 7.5 mm outer Ø. Also strips flexible cables such as 3 x 0.75 mm², 10 mm² and 16 mm².

An adjustment of the cutting depth is not necessary. The new ergonomic handle form allows an even faster and more convenient stripping. Combi-Coax No. 3 is equipped with an easily accessible built-in side cutter (for stranded conductors up to 6.0 mm² and solid conductors up to 4.0 mm²).

WEICON Mini-Solar No. 3

For stripping of all common solar cables of 1.5 - 6.0 mm outer diameter.

WEICON Coax-Stripper No. 2

Ideal for two- or three-step stripping of coaxial cables of 4.8 – 7.5 mm outer diameter. Also strips flexible cables such as 3 x 0.75 mm², 10 mm² and 16 mm².

WEICON Cable Stripper H.D. No. 1000

1000 V
IEC 60900:2004



For heavy-duty stripping of thick cables and cutting of multi-sheeted cables.

The shoe-shaped blade tip limits the cutting depth and prevents damage of the conductors. The H.D. No. 1000 has been approved by the German VDE (Association of German Electrical Engineers) for works on "hot" lines up to 1,000 V.

WEICON Mini-Duo No.150

Fully insulated automatic wire stripper for all common stranded and solid conductors of 0.5 – 6.0 mm².

With easily accessible built-in side cutter (for stranded conductors up to 6.0 mm² and solid conductors up to 4.0 mm²).

New

Wire Strippers



**WEICON Wire Strippers
No. 7-R + 7-F**

The special tracing system adjusts automatically to the wire diameter and allows quick and accurate cable and wire stripping.



A precise adjustment (5-fold) to various cable types and diameters is possible.

Optical length scale 8 – 24 mm, 5/16 – 1 inch. Easily accessible built-in side cutter up to max. 3 mm Ø.



**WEICON Wire Stripper
No. 7-R**

Automatic wire stripper for all common round and flat cables.

Working range round cables:
Cable and wire stripping of flexible cables from 0.5 mm² to 16.0 mm² (20 – 6 AWG). Solid conductors from 0.5 mm² to 10 mm² (20 – 8 AWG).

**WEICON Wire Stripper
No. 7-F**

For the work with mainly flat cables as commonly used e. g. in USA, GB and Japan.

Working range flat cables:
Cable and wire stripping of two- or three-core flat cables with PVC insulation from 0.75 mm² to 4.0 mm².



Stripping Tools

8 Wire Strippers



WEICON Wire Stripper No. 7 Solar

Automatic wire stripper for all common round cables used in solar engineering. The precise adjustment (5-fold) allows an easy removal of the multiple insulation layers of solar cables.

WEICON Wire Stripper No. 5

A fully insulated wire stripper that automatically adjusts to the wire diameter. For stranded and solid conductors of 0.2 – 6.0 mm². Includes an adjustable length stop of 5 – 12 mm and a built-in side cutter (max. 2 mm Ø).



Built-in side cutter up to max. 3 mm Ø.

WEICON Wire Stripper No. 6

Optical length scale: 8 – 24 mm, 5/16 – 1 inch.

Working range: Cable and wire stripping of all common flexible cables in solar engineering from 1.5 mm² – 6.0 mm² (15-9 AWG).

Fully insulated automatic wire stripper for all common stranded and solid conductors of 0.2 to 6.0 mm².

Adjustable length stop of 5 – 12 mm (removable if required). Approved according to VDE norm for works on live wires up to 1,000V.



1000 V
IEC 60900:2004



Multi-purpose Strippers



WEICON Multi-Stripper No. 400

For cable and wire stripping of all common round cables of 8 – 13 mm Ø.

Allows circular and longitudinal stripping as well as flush stripping in hard-to reach areas. For all common stranded and solid conductors up to 6.0 mm².

With easily accessible built-in side cutter.



WEICON Duo-Crimp No. 300

Stripping and crimping with only one tool. Easy stripping of conductors from 0.5 – 6.0 mm².

The insulation is stripped off at a length of 5 mm allowing proper twisting of stranded wire ends.

Two crimping ranges are offered: 0.5 – 2.5 mm² and 4.0 – 6.0 mm².



WEICON Stripper No. 100

Multi-purpose tool for stripping cable jackets, stranded or solid conductors and coaxial cables.

WEICON Duo-Stripper No. 200

Two tools in one – combines the functions of cable and wire stripping. Precise and safe stripping of all common round cables with diameters of 4 – 28 mm Ø.

The special scanning system adjusts automatically to the wire diameter and allows quick and accurate wire stripping in a range of 0.5 – 4.0 mm².



WEICON Top Quality Products

certified for quality,
technology and safety



RINA

Certificate on the suitability of WEICON Plastic Metals and WEICON Repair Sticks for applications in the marine sector.

ISEGA

Certificates of Conformity for WEICON Flex 310 M° Crystal, Flex 310, Flex 310 M° Classic, Flex 310 M° Stainless Steel, Flex+bond°, Aqua-Flex and Speed-Flex° as adhesives in the foodstuff technology.

NSF

Certificates for WEICON Bio-Fluid, WEICON Anti-Seize ASW und WEICON Allround Lubricant AL-H, WEICON Spray-on Grease H-1 for use in the foodstuff industry – with direct contact to food according to USDA H1.

NSF

Certificates for WEICON Metal-Fluid (A7, C1) and WEICON Allround-Lubricant AL-F (USDA H2) for use in the foodstuff industry.

NSF

Certificates for WEICON Repair Stick Steel, Cooper, Stainless-Steel, Plastic and for WEICONLOCK types AN 301-38, AN 301-43, AN 301-48, AN 301-70 and AN 301-72. NSF/ANSI according to standard 61.

SLV

WEICON Welding Protection Spray has successfully been tested as a non-stick primer against weld spatter.

German Federal Award (year 2000)

German Federal Award (year 2000) for WEICON Duo-Crimp No. 300 as an outstanding innovative achievement.



References/Certificates

WEICON Top Quality Products

certified for quality,
technology and safety



Corrosion protection according to DIN ISO 7120. Certificate of TÜV NORD testifying the product characteristics.

TÜV NORD

Certificates stating the compliance with special quality standards of WEICON Zinc Spray, WEICON Zinc Spray „bright grade“ and WEICON Corro Protection. Safety approvals of the German TÜV stating that WEICON Stripping Tools comply with the federal regulations on technical working equipment.

TZW

German approvals for WEICONLOCK Anaerobic Adhesives/Sealants types AN 302-43 und AN 306-20, certifying the compliance with the regulations for use in drinking water systems according to the recommendations of the German National Health Institute referring to sealants D2.

DVGW

Test mark certificates for WEICONLOCK Anaerobic Adhesives/Sealants types AN 302-40, AN 302-43, AN 302-45, AN 302-70, AN 305-11, AN 305-42, AN 305-72, AN 305-77 and AN 306-20 for use in gas supply systems. Test mark certificate for WEICON Leak Detection Spray for use in gas supply systems.

BAM

Certificate on the suitability of WEICONLOCK Anaerobic Sealants/ Adhesives AN 302-75, AN 305-77, AN 306-30 and AN 306-48 for oxygen systems.

TÜV

Certificate of the German TÜV stating the suitability of WEICON Silicone HT 300 as sealing agent in exhaust systems of hot cabinets and ovens fuelled with oil or gas.

Germanischer Lloyd

Approval certificates for WEICON Plastic Metals A and SF for repairs on vessels.

TZW

Technologiezentrum Wasser
Karlsruhe
Prüfstelle Wasser



BAM



TÜV SÜDDEUTSCHLAND

Sales Displays*



*Equipment proposal. Supply of the displays is without products.



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