



WEICON®

FOCUS PRODUCTS

2026



EPOXY SOLUTIONS

Individually tailored solutions

www.weicon.com

V 1.26



Management System
ISO 9001:2015
ISO 14001:2015
www.tuv.com
ID 9108636595

WEICON

EPOXY SOLUTIONS

We have decades of experience in developing high-performance epoxy resin systems for a wide range of international industrial sectors. Our range of coating systems, epoxy adhesives, versatile urethanes and practical repair sticks for quick repairs offers the right solution for any application.

Individually tailored
SOLUTIONS

WEICON Epoxy Solutions represents tried-and-tested specialist systems that have been successfully used worldwide across a variety of industries. If no ready-made solution is available, our experts develop a customised version precisely tailored to your specific requirements.



PLASTIC METAL SPRAY SYSTEM



- 1:1 mixing ratio
- fibre-reinforced
- very high impact resistance



WPG-19

extreme wear protection | pasty |
fibre-reinforced | ceramic-filled

WEICON WPG-19 is a fibre-reinforced, ceramic-filled, 2-component epoxy resin system. It is used as wear protection in industrial applications. The grey coating contains ceramic beads up to two millimetres in size and protects surfaces against erosion and abrasion caused by the impact of coarse particles. The system can be applied with a spatula. It is viscoplastic, highly impact-resistant and extremely resistant to abrasion. It is used for coating and lining various surfaces and components in industrial plants. It is used, for example, to protect gutters, bends, hoppers, tanks, chutes and many other processing systems that are exposed to abrasion and impact.

► 0.2 kg ► 0.5 kg ► 2.0 kg ► 10.0 kg
10103061 10103067 10103073 10103078



Technical Data WPG-19

Base	Epoxy
Colour	grey
Processing	
Component temperature	>3 °C above dew point
Mixing ratio by weight	1:1
Density of the mixture	2.2 g/cm ³
Curing	
Pot life	60 min.
Additional layer after	7 h
Working strength after	24 h
Final strength	42 h
Shrinkage	0.17 %
Mechanical properties	
- measured after curing at	24 h RT + 24 h 60 °C
Tensile strength	DIN EN ISO 527-2 23 MPa
Elongation at break (tensile)	DIN EN ISO 527-2 1.1 %
E-modulus (tensile)	DIN EN ISO 527-2 2,500 - 3,200 MPa
Hardness (Shore D)	82±3
Taber Test DIN ISO 9352 (H18, 1 kg, 1000 Umdr.)	0.5 g 0.22 cm ²
Lap shear strength material thickn. 1,5 mm DIN EN 1465	
Steel 1.0338 sandblasted	6 MPa
Stainless steel V2A sandblasted	6 MPa



EASY-MIX PE-PP 50 SET

1:1
System

Thanks to its transparent curing, WEICON Easy-Mix PE-PP 50 is especially suitable for creating visually appealing adhesive bonds. Its special formula makes it ideal for zero-gap bonding and for connecting surfaces with extremely small bonding gaps of less than 0.2 mm.

- ▶ transparent
- ▶ pot life: 6 minutes
- ▶ bonding gap: 0 to 1 mm
- ▶ handling strength after 12 minutes



- ▶ transparent
- ▶ for small bonding gaps
- ▶ no pre-treatment necessary
- ▶ for low surface energy plastics:

**PP | PE | HDPE
LDPE | HDP**

Easy-Mix PE-PP 50 Set

Comprising:
Easy-Mix PE-PP 50 50 ml,
Helix Mixing Nozzle, Manual
Dispenser.

10103295



Technical Data Easy Mix PE-PP 50

Charakteristik

Base	methyl methacrylate
Texture	pasty
Colour	transparent
Minimum shelf life at room temperature	3 months
Minimum shelf life from +2 °C to +7 °C	12 months

Processing

Processing procedure	Easy-Mix
Mixing ratio by weight	1:1
Viscosity of the mixture	20,000 mPa·s
Density of the mixture	1 g/cm³
Gap bridging up to max.	0 - 1.00 mm

Curing

Pot life at 20 °C	6 min.
Handling strength (35 % strength)	12 min.
Final strength (100 % strength)	24 h

Mechanical properties after curing

Lap shear strength material thickn. 1,5mm DIN EN 1465	
Steel 1.0338 sandblasted	12 MPa
Stainless steel V2A sandblasted	11 MPa
Aluminium sandblasted	12 MPa
Galvanized steel	7 MPa
PVC-rigid roughened	12 MPa
CFRP	12 MPa
ABS	3 MPa
PC (polycarbonate)	6 MPa
GFRP	15 MPa
PMMA	8 MPa
Polyamide 6.6	2 MPa
PE-HD	12 MPa
PP (Polypropylene)	8 MPa

Thermal parameters

Temperature resistance	-50 °C to +80 °C, briefly up to +100 °C
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FOR ALL **STANDARD**
50 ML
DOUBLE CARTRIDGES

1:1 | 2:1

1:1

10:1

MANUAL DISPENSER



Application aid for Easy-Mix products in 50 ml cartridge. Pusher for mixing ratios 1:1, 2:1 and 10:1. Space-saving application aid for the toolbox.

- ▶ easy to use
- ▶ reliable results



▶ 1:1 / 2:1
10101999

▶ 10:1
10102860





Improved Formula:

HIGH-TEMPERATURE-
RESISTANT UP TO

+180 °C

EPOXY
MINUTE
ADHESIVEhigh-temperature resistant | viscous |
fast-curing

WEICON Epoxy Minute Adhesive is a universally applicable, two-component epoxy resin system. The adhesive is resistant to high temperatures up to +180 °C, viscous and self-leveling. It has a very short pot life and cures quickly. Epoxy Minute Adhesive bonds many different materials to each other, such as metal, plastic, fibre composite, ceramic, glass, stone or wood.

The transparent adhesive is suitable for craft applications or demanding DIY projects. It can also be used in trade fair and shop fitting, as well as for construction and assembly work. The Easy-Mix D 50 dispensing gun or the manual dispenser is required for processing Easy-Mix products in 50 ml containers.

► 24 ml

10000133

FAST-METAL
MINUTE
ADHESIVEhigh-temperature resistant | gap-filling |
fast-curing

WEICON Fast-Metal Minute Adhesive is a 2-component epoxy resin system specifically developed for repairs and bonding applications where larger tolerances need to be bridged. Thanks to its gap-filling properties, the adhesive is suitable for rough and poorly fitting surfaces and fills cracks, cavities and uneven areas.

Fast-Metal Minute Adhesive is resistant to temperatures up to +180 °C and offers extremely strong adhesion even on vertical surfaces. The system is highly-filled, pasty, has a very short pot life and cures quickly. It allows for impact-resistant bonds with high tensile and impact strength. WEICON Fast-Metal Minute Adhesive can be used on numerous materials such as metal, plastic, fibre-reinforced materials, ceramics, glass, stone and wood.

The adhesive can be used in many areas of industry, in crafts and for demanding DIY projects.

► 24 ml

10007785

ALUMINIUM
MINUTE
ADHESIVEresistant to high temperatures |
pasty | high impact resistance

Adhesive for bonding aluminium and other light metals to each other. WEICON Aluminium Minute Adhesive can be used to fill cracks and holes, for example in aluminium housings, and for repairing light alloy wheels.

Aluminium Minute Adhesive is a low-odour, two-component, aluminium-filled epoxy adhesive. It is resistant to high temperatures up to +180 °C and cures quickly at room temperature. After curing, the adhesive can be machined (filing, drilling, milling). Aluminium Minute Adhesive is gap-filling and non-dripping (thixotropic) and offers very high tensile and impact strength. To achieve optimal adhesion, the bonding surfaces should be dry and free from grease or dirt. Scraping or sanding the surfaces before cleaning additionally improves adhesion.

► 24 ml

10051229





HIGH-TEMPERATURE-
RESISTANT UP TO
+180 °C

EASY-MIX S 50

resistant to high temperatures |
extremely strong adhesion | very
short pot life

High-temperature resistant epoxy adhesive for fast repair and maintenance work. Perfect for industrial series production with short cycle times.

The adhesive offers high temperature resistance up to +180°C, extremely strong adhesion and high tensile strength. It is viscous, self-levelling, has a very short pot life and cures fast.

► 50 ml
10005230

EASY-MIX N 50

strong adhesion | viscous | long pot life

2-component epoxy adhesive for manufacturing processes. Thanks to long pot life, highly suitable for production processes with time-delayed assembly and positioning sequences. Impact-resistant, shock-resistant, self-levelling, viscous and with high tensile strength after curing. Can be used on numerous materials such as metal, plastic, fibre composites, ceramics, glass, stone or wood.

► 50 ml
10005231



EASY-MIX S 50 yellow

visually identifiable casting
compound | resistant to high tempera-
tures | fast-curing | impact-resistant

Highly reactive casting compound – can also be used as an adhesive owing to its high adhesive strength and short curing time. The epoxy resin system, which is resistant to high temperatures of up to +180 °C, is viscous, self-levelling, cures quickly and is impact-resistant in its hardened state. The casting compound has a short pot life of 4-5 minutes and adheres excellently to many different surfaces.

► 50 ml
10017543

EASY-MIX N 5000

transparent | strong adhesion |
short pot life

Transparent 2-component epoxy adhesive for bonds where an attractive appearance is important. Strong adhesion, liquid and self-levelling. Pot life of approx. 17 minutes. Can be used on numerous materials such as metal, plastic, fibre composites, glass, stone or wood. Suitable for areas where an attractive appearance is crucial: production of design objects, furniture manufacturing, trade fair construction, shop fitting etc.

► 50 ml
10016374



EASY-MIX METAL



high-temperature resistant | pasty |
fast-curing

Special 2-component epoxy resin system for bonding metal parts. Pasty, fast-curing and resistant to high temperatures up to +180 °C. Cures to form a viscoplastic and impact-resistant bond with high tensile and impact strength. Especially suitable for bonding applications where larger tolerances need to be bridged.

► 50 ml
10018047



THE IDEAL COMBINATION:

OUR EPOXY ADHESIVES ARE ALSO
AVAILABLE AS A **SET**



Easy-Mix S 50 Set

Comprising:

Easy-Mix S 50, Quadro Mixing Nozzle A, Manual Dispenser

► 50 ml

10102958

Epoxy Minute Adhesive Set

Comprising:

Epoxy Minute Adhesive, Wooden Spatula small, Mixing Nozzle Quadro, PE gloves

► Set

10057686

Aluminium Minute Adhesive Set

Comprising:

Aluminium Minute Adhesive, Wooden Spatula small, Mixing Nozzle Quadro, PE gloves

► Set

10058776

Fast-Metal Minute Adhesive Set

Comprising:

Fast-Metal Minute Adhesive, 2 x Wooden Spatula small, PE gloves

► Set

10058777

Technical Data

	Easy-Mix S 50	Easy-Mix S 50 yellow	Easy-Mix N 50	Easy-Mix N 5000	Easy-Mix Metal	Epoxy Minute Adhesive	Aluminium Minute Adhesive	Fast-Metal Minute Adhesive
Base:	epoxy resin, non-filled	epoxy resin, non-filled	epoxy resin, non-filled	epoxy resin, nonfilled	epoxy resin, high-filled	epoxy resin, non-filled	epoxy resin, aluminium-filled	epoxy resin, high-filled
Texture:	liquid	liquid	liquid	liquid	pasty, gap-filling	liquid	viscous, gap-filling	pasty, gap-filling
Colour:	pale yellow, clear	yellow	pale yellow	almost colourless, crystal clear	grey	pale yellow, clear	aluminium	grey
Supplied in:	double cartridge	double cartridge	double cartridge	double cartridge	double cartridge	double syringe	double syringe	double syringe
Minimum shelf life:	18 months	18 months	18 months	18 months	18 months	18 months	18 months	18 months
Mixing proportion by volume resin / hardener (automatically):	1 : 1	1 : 1	1 : 1	1 : 1	1 : 1	1 : 1	1 : 1	1 : 1
Pot life with 10 ml material at +20°C (+68°F):	4-5 min.	4-5 min.	35 min.	17 min.	4-5 min.	4-5 Min.	4-5 Min.	4-5 Min.
Handling strength (35 % strength) after:	13 min.	17 min.	3 h	3,5 h	20 min.	13 Min.	30 Min.	20 Min.
Cure time at +20 °C (+68 °F):	Working strength (80 % strength) after:	20 min.	30 min.	15 h	7 h	40 min.	20 Min.	40 Min.
Final strength (100 % strength) after:	24 h	24 h	48 h	48 h	24 h	24 h	24 h	24 h
Density of the mixture (g/cm³):	1.2	1.2	1.1	1.1	1.8	1.2	1.2	1.8
Viscosity of the mixture at +25 °C (+77 °F):	4,500 MPa	4,500 MPa	5,000 MPa	5,000 MPa	55,000 MPa	4,500 MPa	11,000 MPa	55,000 MPa
Processing Temperature*:	+15 to +40 °C (+50 to +104 °F)	+15 to +40 °C (+50 to +104 °F)	+15 to +40 °C (+59 to +104 °F)	+15 to +40 °C (+59 to +104 °F)	+15 to +40 °C (+50 to +104 °F)	+15 to +40 °C (+59 to +104 °F)	+15 to +40 °C (+59 to +104 °F)	+15 bis +40 °C (+59 bis +104 °F)
Cure Temperature:	+6 to +40 °C (+43 to +104 °F)	+6 to +40 °C (+43 to +104 °F)	+6 to +40 °C (+43 to +104 °F)	+6 to +40 °C (+43 to +104 °F)	+6 to +40 °C (+43 to +104 °F)	+6 to +40 °C (+43 to +104 °F)	+6 to +40 °C (+43 to +104 °F)	+6 bis +40 °C (+43 bis +104 °F)
Gap covering power to max.*:	2 mm	2 mm	2 mm	2 mm	4 mm	2 mm	4 mm	4 mm
Compressive strength MPa (DIN EN ISO 604):	55	30	80	10	30	55	40	30
Tensile strength MPa (DIN EN ISO 527-2):	50	39	51	50	28	50	34	28
Elongation at break (tensile) DIN EN ISO 527-2:	2.7 %	2.0 %	3.6 %	2.4 %	0.6 %	2.7 %	1.1 %	0.6 %
E-modulus (tensile) DIN EN ISO 527-2 MPa (KSI) (320 - 350)	2,200 - 2,400	1,800 bis 2,100 MPa (260 - 300)	1,900 - 2,200 (280 - 320)	2,000 - 2,300 (290 - 330)	4,100 - 4,600 (590 - 670)	2,200 - 2,400 (320 - 350)	2,200 - 2,700 (320 - 390)	4,100 - 4,600 (590 - 670)
Bending strength MPa (psi) (DIN EN ISO 178):	58 (8,400)	58 (8,400)	50 (7,300)	50 (7,300)	58 (8,400)	58 (8,400)	58 (8,400)	58 (8,400)
Hardness (Shore D) (DIN ISO 7619):	82±3	81±3	81±3	82±3	83±3	82±3	76 ± 3	83±3
Lap shear strength material thickn. DIN EN 1465:								
Steel sandblasted N/mm²:	22	21	22	16	20	22	18	20
Stainless steel V2A sandblasted N/mm²:	26	23	31	18	20	26	19	20
Aluminium sandblasted N/mm²:	13	12	14	11	10	13	15	10
Galvanized steel N/mm²:	16	13	22	13	19	16	17	19
PVC-rigid roughened N/mm²:	13	13	11	14	11	13	11	11
Shrinkage:	1.41 %	1.06 %	0.08 %	0.97 %	0.49 %	1.41 %	0.8 %	0.49 %
Temperature resistance:	-50 to +180 °C (-58 to +356 °F)	-50 to +180 °C (-58 to +356 °F)	-50 to +150 °C (-58 to +212 °F)	-50 to +100 °C (-58 to +212 °F)	-50 to +180 °C (-58 to +356 °F)			
Tg after curing at room temp. (DSC):	44.7 °C	---	48.6 °C	52.4 °C	44.3 °C	44.7 °C	---	44.3 °C
Tg after tempering at 120 °C (DSC):	---	---	49.8 °C	54.2 °C	-	---	---	-

* For easier workability when ambient temperatures are low, the double cartridges should be warmed up to room temperature (20°C/+68°F) before application.

*2 These specifications depend on the type and condition of the bonding materials and are only relevant for adhesive bondings. When casting e.g. electronic components, a layer thickness of 10 mm should not be exceeded.

INNOVATION
HYBRID-
TECHNOLOGY

VA 2407

High-strength, fast-curing and process-safe 2-component structural adhesive based on cyanoacrylate. Suitable for fast and transparent bonding of e.g. plastic and rubber. Very good adhesion to a wide variety of materials. Pot life: approx. 5 minutes.

Technical Data VA 2407

Specific properties	2C cyanoacrylate
Base	ethyl acrylate
Texture	pasty
Colour	transparent
Processing	
Mixing ratio by weight	4:1
Viscosity 25 °C Cone / Plate	1,000 mPa·s
Density (+20 °C)	1.1 g/cm ³
Gap bridging up to max.	5 mm
Curing	
Initial adhesion in seconds (shear strength: 0,5 MPa) at 23 °C and 50 % relative humidity	
on Aluminium sandblasted	10-30 sec.
on ABS untreated	180-240 sec.
on rigid PVC	90-150 sec.
Pot life at 20 °C, 10 g batch	5 min.
Final strength (100 % strength)	24 h
Mechanical properties after curing	
Shear strength according to DIN EN 1465	16-21 MPa
Steel sandblasted	10-15 MPa
Aluminium sandblasted	10-14 MPa
Rigid untreated PVC	13-15 MPa
Untreated ABS	12-17 MPa
PC (polycarbonate)	
Thermal parameters	
Temperature resistance	-20 °C to +120 °C
Softening temperature	+150 °C
Flashpoint	+87 °C (+189 °F)
Thermal expansion coefficient	80 x 10 ⁻⁶ m/(m·K)
Thermal conductivity	0.1 W/m·K
Electrical parameters	
Resistance	> 10 ¹⁵ Ω·cm
Dielectric strength	25 kV/mm

- ▶ high adhesion to a wide variety of materials
- ▶ bridges gaps up to 5 mm (non-drip)
- ▶ transparent
- ▶ very good moisture resistance
- ▶ universal use
- ▶ fast-curing
- ▶ strong adhesion



► 10 g
10063086

Mixing Nozzle 10 g
10063091

POLYURETHANE SYSTEMS



URETHANE 85

Pasty polyurea repair and coating compound | Shore hardness: A 85

WEICON Urethane 85 is a 2-C polyurethane putty with excellent mechanical strength for the quick repair, touch-up and coating of rubber and metal pieces, which are exposed to shocks, abrasion, vibration or motion. It shows high elasticity as well as high wear resistance.

Urethane 85 is suitable for many applications, such as the repair of rubber components and conveyor belts, the repair and touch-up of rubber coatings, as flexible wear protection for pump housings and impellers as well as for the quick repair of worn-out seals and rubber rollers.

► 500 g
10057130
package

► 540 g
10057188
cartridge

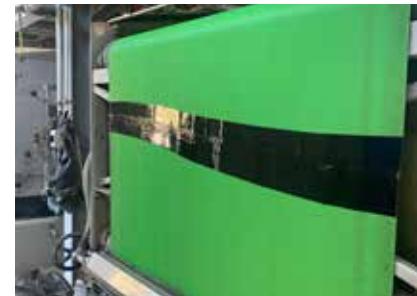
URETHANE 85 SF

High wear resistance | fast curing | pasty | Shore hardness: A 85

WEICON Urethan 85 SF is a special, pasty polyurethane for coating and repairing rubber surfaces. For example, conveyor belts in industrial plants, in open-pit mining or in mines can be repaired with the polyurethane. Urethan 85 SF has a very high wear resistance.

It is free of solvents and is applied at room temperature. Before processing, the surface to be treated must be roughened thoroughly and then wetted with a special two-component primer (rubber primer), otherwise no adhesion to the surface will be developed. The processing time is two to three minutes. No additional heating is necessary for curing. Surfaces coated with Urethan 85 SF are loadable after one hour. Full curing is completed after three hours. A special primer is available for coating metal surfaces.

► 540 g
10062978
cartridge





Technical Data

	Urethane 85	Urethane 85 SF
Characteristics		
Base	Polyurea	Polyurea
Texture	pasty	pasty
Colour	black	black
Minimum shelf life at room temperature	12 months	12 months
Processing		
Processing temperature	+15 °C to +40 °C	+15 °C to +40 °C
Component temperature	>3 °C above dew point	>3 °C above dew point
Relative air humidity	<70 %	<70 %
Mixing ratio by weight	10:100	10:100
Density of the mixture	1.1 g/cm³	1.1 g/cm³
Consumption Layer thickness 1,0 mm	1.1 kg/m²	1.1 kg/m²
Curing		
Pot life at 20 °C	20 min.	3 min.
working strength after 20 °C	6-8 h	1 h
Final strength (100 % strength)	24 h	3 h
Mechanical properties after curing		
Tensile strength DIN EN ISO 527-2	7.8 MPa	8.4 N/mm²
Elongation at break (tensile) DIN EN ISO 527-2	470 %	590 %
Tear resistance	31 kN/m	31 kN/m
Hardness (Shore A)	85	ca. 85±3
Thermal parameters		
Temperature resistance wet	-60 °C - +60 °C	-60 °C - +80 °C
Temperature resistance dry	-60 °C - +100 °C	-60 °C - +100 °C
Approvals / Guidelines		
IMPA-Code	551625	

1K PRIMER G

Bonding agent | easy to apply with a brush | for rubber surfaces

Special one-component primer for bonding rubber materials. 1K Primer G is used to prepare various rubber materials and surfaces before applying adhesives. To prepare other materials for bonding, such as metals or plastics, we recommend using our other special primers.

► 50 ml

10104191

1K Primer G

Characteristics	
Texture	viscous
Colour	black
Minimum shelf life at room temperature	18 months
Processing	
Processing temperature	up to +80 °C
Density of the mixture	0.9 g/cm³
Consumption	150 - 200 g/m²



GreenTube®

THE NEW MORE SUSTAINABLE PACKAGING

as an alternative to plastic cartridges. 100% recyclable cardboard cartridge.

Product	Art.-No. Green Tube		
	280 ml	Foil bag	Set
MS-Polymers			
Flex 310 M® Classic	white 10104011	10104240	10104049
	grey 10104007	10104242	10104053
	black 10103997	10104244	10104051
Flex 310 M® Crystal	10104017	10104246	10104055
Windscreen Adhesive	10105032	10105030	10105035
Solar-Flex	white 10105046	10105044	10105049
	grey 10105039	10105037	10105042
Natural Stone Adhesive	white 10105025	10105023	10105028
	grey 10105018	10105016	10105021
Flex 310 M® HT-200	10104850	10104847	10104846
Flex 310 M® Stainless-Steel	10104893	10104890	10104896
Speed-Flex®	white 10104943	10104940	10104946
	grey 10104953	10104950	10104956
	black 10104963	10104960	10104966
Speed-Flex® Crystal	10104973	10104970	10104976
Flex 310 M® F1X	white 10105646	10105649	10105652
	grey 10102385	10104253	10104458
Polyurethanes			
Flex 310 PU	white 10104873	10104870	10104876
	grey 10104863	10104860	10104866
	black 10104883	10104880	10104886
Silicones			
Silicone A	white 10104913	10104910	10104916
	grey 10104903	10104900	10104906
	black 10104933	10104930	10104936
	transparent 10104924	10104921	10104927
Silicone LP	white 10104982	10104979	10104985
	transparent 10104992	10104989	10104995
Silicone N	10105011	10105008	10105014
HT 300	10104027	10104250	10104059
Black-Seal	10104022	10104248	10104057
Gasketmaker	red 10105055	10105052	10105058
	black 10105064	10105061	10105067
Assembly Adhesive			
Assembly Adhesive	10101911	10104259	10104456



80%
LESS
PLASTIC

Compared to conventional plastic cartridges

The tip and the lid are made from 100 % recycled plastic.



The tube-shaped bag prevents soiling of the cardboard cartridge



The cartridge casing is made of 100 % paper



Work with the future now.

80 %

LESS PLASTIC

compared to conventional plastic cartridges

Sustainable packaging as an alternative to plastic cartridges



With the Green Tube, we wanted to develop a real alternative to conventional sealant and adhesive cartridges, as these cannot be recycled after use due to product residues. Because of these residues, plastic cartridges are usually incinerated – and this additionally generates large amounts of climate-damaging CO₂.

The focus of our innovation: avoiding plastic waste by significantly reducing the proportion of plastic by 80 %. The cartridge casing is made of 100 % cardboard, which can be recycled after use.

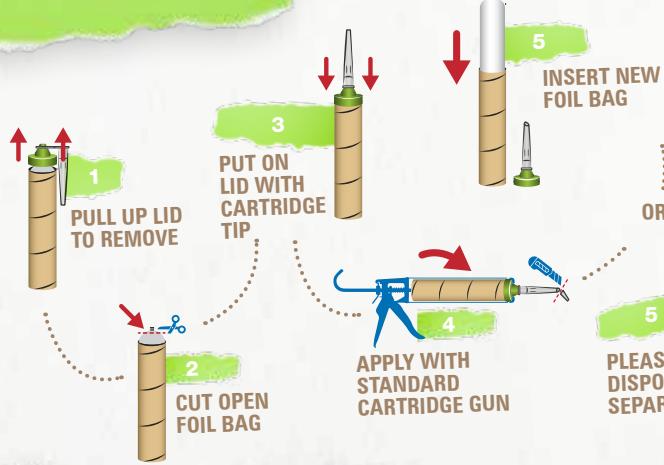
The proportion of components that cannot be recycled has been reduced to a minimum. And that's not all: our cardboard cartridge produces 53 % less CO₂ emissions in the manufacturing process than a standard PE cartridge.

Many advantages

The new WEICON Green Tube can be used with any standard cartridge gun and offers many advantages. Thanks to the tube-shaped bag, the shelf life of the product is extended by more than six months compared to PE cartridges – and this is achieved without any compromises in product quality or user-friendliness.



Easy to use



Simple disposal



PAPER
RECYCLING



NATURAL STONE ADHESIVE

- ▶ fast
- ▶ strong adhesion
- ▶ for indoor & outdoor use

WEICON Natural Stone Adhesive is a strong adhesive for fixing natural stone, stone and ceramics. Thanks to its very high initial adhesion and rapid build-up of adhesive strength, bonding is even possible on vertical surfaces such as walls. The stone adhesive is suitable for many indoor and outdoor applications. It is frost-proof, has a high temperature resistance of -40 °C to +90 °C as well as high weather and UV resistance. The Natural Stone Adhesive hardens quickly and has a very high final strength. After curing, the adhesive can be sanded and remains elastic to compensate for movements. The stone adhesive is silicone-free, isocyanate-free, halogen-free and solvent-free.

It can be used in a wide variety of applications, e.g. for bonding window sills, tiles, skirting boards, decorative mouldings or stair treads. WEICON Natural Stone Adhesive adheres very well to a wide variety of materials, such as wood, wood-based materials, plastics, metals, glass and mineral substrates. It is available in grey and white.

▶ 280 ml	▶ Set	▶ Foil bag
white 10105025	10105028	10105023
grey 10105018	10105021	10105016

Technical Data Natural Stone Adhesive

Base	MS polymer
Colour	grey
Can be painted	only „wet on wet“ within 3 h at the latest moisture-curing
Cure type	pasty
Texture	1 mm
Stability/run-off	1,5 g/cm ³
Density	from +5 °C to +40 °C and 30% to 95% rel. air humidity
Curing condition	+5 °C to +40 °C
Processing temperature	2-3 mm
Curing speed	10 Min.
Skin-over time	10 mm
Gap bridging up to max.	30 mm
Max. sealing joint width	1.6 N/mm ²
Tensile strength	121 %
Elongation at break (tensile)	DIN EN ISO 527-2
Shear strength according to DIN EN 1466	DIN EN ISO 527-2
Galvanized steel	1.5 N/mm ²
Aluminium sandblasted	1.6 N/mm ²
Stainless steel V2A sandblasted	1.5 N/mm ²
Medium lap shear strength (DIN EN 1465/ASTM D 1002)	1.5 N/mm ²
Tear resistance	13 kN/m
Volume change	-2 %
Hardness (Shore A)	56
E-modulus (tensile)	DIN EN ISO 527-2
Temperature resistance	0.7 N/mm ²
Building material class	-40 °C to +90 °C
Minimum shelf life	B 2
	at room temperature
	18 Mon.



ANTI-SEIZE

CERAMIC PASTE

WEICON Anti-Seize Ceramic Paste is a metal- and siliconefree synthetic high-performance assembly paste for universal use. The ceramic paste is resistant to high temperatures, has an exceptionally good release effect and is suitable for any material. The paste contains no free metals and is compatible with stainless steel and other nickel alloys (no chromium-6 formation). The assembly paste is especially suitable when metal-containing pastes can cause electrolytic reactions, when nickel-containing products should or may not be used for health reasons and when dark metal-containing products should or may not be used for visual reasons.

WEICON Anti-Seize Ceramic Paste provides excellent release, protection and lubrication even at high temperatures and high pressure. The paste offers very good protection against corrosion, wear and extreme weather conditions. The assembly paste can be used on bolts, screws, stud bolts, pipe connections, nuts, mechanical seals, etc. Typical areas of application are chemical plants, oil refineries, power stations, paper mills, steelworks and foundries as well as the shipping industry.

► 120 g ► 450 g ► 1 kg
10067867 10067869 10000208



- metal-free
- long-lasting protection against corrosion, seizure and wear
- no chromium-6 formation

Technical Data Anti-Seize Ceramic Paste

Base	Polyalphaolefin
Colour	white
Specific properties	free from calcium hydroxide
Density	1.2 g/ml
Silicone-free	yes
Four ball weld test property load DIN 51350	7,000 N
Four ball weld test weld load DIN 51350	7,500 N
Four ball weld test calotte value DIN 51350 (1min/1000N)	0,6 mm
Conc penetration DIN ISO 2137	approx. 247
Water resistance DIN 51807	1 - 90
Salt spray test DIN 50021/DIN 53167	> 500 h
Electrical resistance ASTM D 257	$2.9 \cdot 10^{11} \Omega \cdot \text{cm}$
Sulphur content DIN 51400	6 %
Temperature resistance	-40 °C to 1,400 °C

Friction values

Friction values steel-blank (M10 10.9)	
Total friction coefficient	0,15
Friction coefficients threads	0,17
Friction coefficient head	0,14
Friction value V4A (M10 A4 70)	
Total friction coefficient	0,17
Friction coefficients threads	0,16
Friction coefficient head	0,18
Friction value steel electro-galvanized (M10 10.9)	
Total friction coefficient	0,10
Friction coefficient threads	0,11
Friction coefficient head	0,09



CUTTING FLUID FOR STAINLESS STEEL

WEICON Cutting Fluid for Stainless Steel is a high-performance lubricant for all types of metalworking, both non-cutting and cutting. It reduces wear on workpieces and tools. It decreases friction and heat generation on metal parts. The transparent special oil extends the service life of cutting tools and drills. Thanks to its high adhesive strength, the pressure-resistant cutting fluid prevents drill tools from slipping and protects surfaces from damage. It increases the efficiency and precision of cutting tools, delivering optimal results. It is permanently temperature-resistant up to +200 °C.

It can be used in metalworking for all cutting operations such as drilling, turning, sawing, milling, reaming, threading or punching. The silicone-free spray is suitable for use on stainless steel, all types of steel, copper, aluminium, titanium, brass and cast iron. The drilling and cutting oil can be used in metalworking and many other industrial applications.

- ▶ high-performance lubricant
- ▶ reduces friction and wear
- ▶ silicone-free



▶ 400 ml
10105121

Technical Data Cutting Fluid for Stainless Steel

Odour	mineral oil
Colour	transparent
Specific properties	sound-absorbing
Silicone-free	yes
Kinematic viscosity (40 °C)	77 mm²/s
Kinematic viscosity (100 °C)	8 mm²/s
Temperature resistance	-40 °C to +200 °C
Shelf life	24 months



- ▶ enhances contrast
- ▶ highly versatile
- ▶ suitable for various types of lasers

LASER MARKING SPRAY

WEICON Laser Marking Spray was specially developed for high-quality, permanent and precise laser engravings. The spray is versatile in use and improves the contrast, legibility and quality of laser markings on a wide range of materials. It can be used on steel, stainless steel, copper, brass, aluminium, glass and ceramics.

When applied to the surface to be marked, the spray creates a thin, highly resistant layer. During laser marking, the material bonds with the surface to create a deep black, high-contrast marking that meets the highest standards. Thanks to the innovative formula, the spray produces an extremely scratch-resistant, chemically resistant and UV-resistant marking layer.

WEICON Laser Marking Spray is suitable for various laser types, such as CO₂ lasers, fibre lasers and diode lasers. It is used in industrial applications as well as for individual customisation and decoration. The spray withstands extreme temperatures ranging from -200 °C to +450 °C, with brief resistance up to +500 °C.

Compared to other marking methods, heat input is significantly reduced, which prevents any material deformation.

The laser spray can be used in industry to mark parts – facilitating traceability and identification. The laser engraving spray can be used to apply barcodes, serial numbers, type labels and QR codes to various materials. It is used for the customisation of promotional items, tools, equipment and objects made of metal, glassware and ceramic products. The spray allows logos and decorative designs to be laser marked onto various surfaces.

▶ 400 ml
10105130



Technical Data Laser Marking Spray

Odour	solvent
Silicone-free	yes
Dust-dry	2-3 min.
Shelf life	24 months
Temperature resistance	-200 °C to +450 °C briefly up to 500 °C

CRIMPING TOOLS

ERGO



Rapid-change system

- ▶ quick insertion and removal of the modules
- ▶ tool-free, reliable connection
- ▶ time-saving switching process
- ▶ MC Multi Change System



High performance

- ▶ various modules made of high-quality steel (incl.)
- ▶ interchangeable insert 202 for MC4 plug 2.5/4/6 mm² AWG 14-10
- ▶ interchangeable insert 201 for ferrules 0.25-6 mm² AWG 24-10
- ▶ interchangeable insert 200 for insulated cable lugs from 0.5-6 mm² AWG 22-10



Design and ergonomics

- ▶ 2-component handle in "ice-crack design"
- ▶ maximum force transmission
- ▶ ergonomic and non-slip design
- ▶ excellent grip



Durable

- ▶ crimping force adjustable as needed which ensures a long service life
- ▶ precise eccentric setting for high crimping quality



Precision and efficiency

- ▶ precise work thanks to ratchet mechanism with blocking device
- ▶ reduced physical effort necessary, makes work easy
- ▶ with emergency unlocking mechanism in the handle, if required (misuse)
- ▶ precise and repeatable work for a consistently high crimping quality



Protection

- ▶ integrated eyelets for attaching a drop guard

Module number 200	0,5-6 mm ² 22-10 AWG		
Module number 201	0,25-6,0 mm ² 24-10 AWG		
Module number 202	2,5/4/6 mm ² 14-10 AWG		



Storage

- ▶ safe storage of the modules in a box
- ▶ faster access to the modules
- ▶ dust-protected storage

mm

g

Art.-No.

239

534

10100516



MULTI



Universal crimp tool for various types of electrical connections

- precise work thanks to ratchet mechanism with blocking device
- process-safe crimping – tool only opens after the crimping process
- emergency release in the handle (in the event of misuse)
- set of 3: modules for MC4 connectors/insulated wire end ferrules/insulated cable lugs
- modular Multi Change System for quick module changes
- eccentric setting for adjusting the crimping force
- comfortable feel thanks to 2-component handles

mm	g	Art.-No.
180	378	10100515

Module number 100	0.25-2,5 mm ² 24-14 AWG		
Module number 101	0.25-6,0 mm ² 24-10 AWG		
Module number 102	2,5/4/6 mm ² 14-10 AWG		

Storage

- safe storage of the modules in a box
- faster access to the modules
- dust-protected storage



MC4

For all standard solar connectors MC4 I 2.5 / 4 / 6 mm²

- precise work thanks to ratchet mechanism with blocking device
- process-safe crimping – tool only opens after the crimping process
- emergency release in the handle (in the event of misuse)
- modular Multi Change System for quick module changes
- eccentric setting for adjusting the crimping force
- comfortable feel thanks to 2-component handles

Module

102	2.5/4/6 mm ² 14-10 AWG		
-----	--------------------------------------	--	--



mm	g	Art.-No.
208	378	10100514



16 mm² HEX

hexagonal crimp facilitates insertion into round terminals

- precise work thanks to ratchet mechanism with blocking device
- process-safe crimping – tool only opens after the crimping process
- emergency release in the handle (in the event of misuse)
- working range from 0.5-16 mm² (AWG 20-5)
- serrated dies made from multi-hardened carbon steel
- eccentric setting for precisely adjustable crimping force
- comfortable feel thanks to 2-component handles

mm	g	mm ²	Art.-No.
222	586	0.5-16 (20-5 AWG)	10100513



SOLAR PV SET

With our comprehensive Solar PV set, you get everything you need for the professional electrical installation of photovoltaic systems. The set is made up of four specialised tools designed to help you install your photovoltaic system efficiently and professionally.

- Wire Stripper No. 5 Solar Pro
- Crimping tool MC4
- Cable Scissors No. 35
- MC4 Solar Spanner Set



mm Length x Width x Height	g	Art.-No.
340 x 280 x 55	1248	10105555

Green Line®

Stripping Tools made from up to 97% renewable materials



4in1 Flat and Round Cable Stripper

- circular cuts – stripping – longitudinal cuts – square cuts
- for all common round cables with a diameter of 6 to 13 mm
- stripping function integrated in the housing (from 0.5 to 6 mm²)
- for all common flat cables up to a width of 18 mm

mm	g	mm ²	Flat cable	Round cable	Art.-No.
164	106	0.5-6 (20-10 AWG)	18 mm	6-13 mm Ø	10105565



No. 5 Pro

- large, efficient working range from 0.2 mm² - 16 mm²
- precise working thanks to adjustable length stop (5-25 mm)
- integrated, easily accessible side cutter up to 3 mm Ø Cu/Al

mm	g	mm ²	Art.-No.
160	140	0.2-16 mm ² 24-5 AWG	10105558



No. 5 Solar Pro

- for the stripping and skinning of common photovoltaic cables with a cross-section of 1.5-10 mm²
- precise working thanks to adjustable length stop (5-25 mm)
- integrated, easily accessible side cutter up to 3 mm Ø Cu/Al

mm	g	mm ²	Art.-No.
160	140	1.5-10 (16-8 AWG)	10105561



LED WORK LIGHT



LED

- luminous flux in lumen 250 lm
- excellent visibility when stripping cables in dark rooms or in outdoor areas

DESIGNED & DEVELOPED
IN GERMANY

Modular

- the housing can be attached to many WEICON TOOLS Wire Strippers as an upgrade
- suitable for: No. 5, No. 5 Pro, No. 5 Classic, No. 5 Green Line, No. 5 Solar Pro, No. 7 Magic, No. 7F, No. 7 Solar

MOUNTABLE
ON BOTH SIDES

UPGRADE
FOR YOUR
WIRE STRIPPER

Compact design

- housing made of polycarbonate
- water and dust resistance according to IP 65
- small, lightweight and robust



Light functions

- adjustable in three levels
- flush-mounted integrated switch
- fully illuminates the work area



Power supply

- lithium-battery (rechargeable with supplied USB-C cable)
- charging port protected with dust cap

Battery

- maximum runtime (for 2nd level): 2 hours
- charging time: approx. 40 minutes
- battery capacity: 180 mAh
- lithium-battery



Scope of delivery

- incl. USB-C connection cable
- instruction manual



mm	g	Colour	Art.-No.
48	15	Red	10100517
		Black	10101948

LED SETS



Wire Stripper No. 5 LED Set

- Wire Stripper No. 5
- LED Work Light

Art.-No.

10101936



Wire Stripper No. 5 Pro LED Set

- Wire Stripper No. 5 Pro
- LED Work Light

Art.-No.

10101937



Wire Stripper No. 5 Solar Pro LED Set

- Wire Stripper No. 5 Solar Pro
- LED Work Light

Art.-No.

10101938



Wire Stripper No. 5 Green Line LED Set

- Wire Stripper No. 5 Green Line
- LED Work Light

Art.-No.

10101947

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