WEICON Solutions for the

Mining Industry



www.weicon.com

V 1.25



Plastic Metal

WEICON Plastic Metals are two-component epoxy resin systems. They are ideal for providing fast, cost-effective and durable repairs and coatings for many different types of material.



WEICON A

- for general repairs
- pasty, steel-filled

0,5 kg	2,0 kg
10000003	10000006

WEICON HB 300

- steel-filled
- pasty, spreadable
- high-temperature-resistant from -35°C to +280°C *(-31°F up to +672,8°F)*

1,0 kg
10000099

WEICON Ceramic BL

- for lining of heavily stressed parts
- liquid
- high-temperature-resistant from -35°C up to +180°C *(-31°F up to +356°F)*

0,5 kg	2,0 kg
10000093	10005233



WEICON A - Repair of a deflector roll



WEICON Ceramic BL - Coating of pipe bends





WEICON Solutions for the

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Plastic Metal

WEICON SF

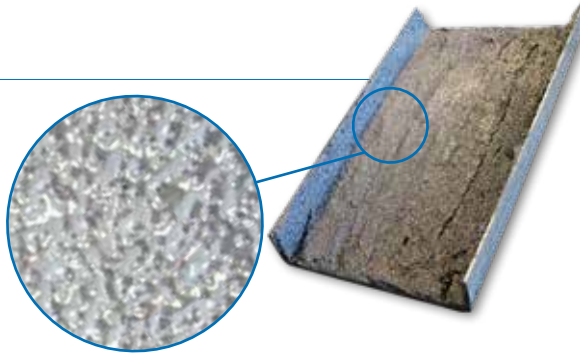
- ideal for quick repairs
- pasty

0,5 kg	2,0 kg
10000071	10000072

WEICON WP

- extremely high resistance against abrasion and wear
- filled with ceramic beads
- suitable for the protection of heavily used surfaces

2,0 kg	10,0 kg
10032320	10032939



WEICON WR2

- highly abrasion-resistant
- pasty
- is particularly suitable for areas where the processing of casting compounds is not possible

0,5 kg	2,0 kg
10000087	10000088



WP - Sag mill chute liner repair & wear protection



Cross-section of Plastic Metal WP abrasion layer

WEICON CBC *Chocking Backing Compound*

Specially developed for the shimming and backfilling of systems difficult to align.

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

3.0 kg (2,0 l)	10.0 kg (6,6 l)
10045020	10045019

European Exhibition Award
for creativity and innovation



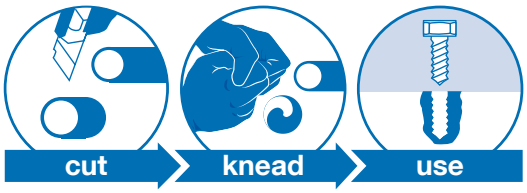






Repair Sticks

The simple solution for all repair and maintenance works. Easy to use. Always the right amount, even for small repairs.





Steel

Certified to NSF/ANSI 61

- fast-curing, steel-filled
- NSF approval, can be used in drinking water areas

115 g
10007705



Titanium

- high-temperature-resistant up to +280°C *(+536°F)*
- wear-resistant, titanium-filled

115 g
10011970



WEICON Urethanes

Flexible casting and coating resin with high impact strength and abrasion resistance.

Urethane 80

- shore hardness A 80
- liquid and self-levelling casting and coating mass

0,5 kg
10012368

WEICON Belt Repair Kit

Set
10055014









WEICON Solutions for the

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Anti-Seize Assembly Pastes

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

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

Especially under extreme conditions of application, e.g.
- high operation temperatures
- high pressure loads
- outdoor weather conditions

such consequences frequently occur.





Anti-Seize

- long-lasting protection against corrosion, seizure and wear
- high-temperature-resistant up to +1.200°C *(+2.192°F)*
- exceptionally good separating effect

200 ml ✓ 10025465 Press pack

500 g ✓ 10028921 Brush top can

10 kg ✓ 10000182 Bucket

Copper Paste

- protecting, separating and lubricating agent for highly stressed parts in high-temperature applications

500 ml ✓ 10030349 Brush top can

10 kg ✓ 10002942 Bucket

Anti-Seize Nickel

- for extreme conditions
- protection against corroding and corrosive solvents
- can be applied at a large temperature range between -30°C to +1450°C *(-22°F to 2642°F)*

120 g ✓ 10000194 Brush top can

400 g ✓ 10000185 Cartridge

1,0 kg ✓ 10000192 Can

10 kg ✓ 10000190 Bucket

Allround Lubricant

WEICON Allround Lubricants provide long-lasting protection against friction and wear.

AL-M

- strong adhesion
- high-pressure-resistant
- with MoS_2

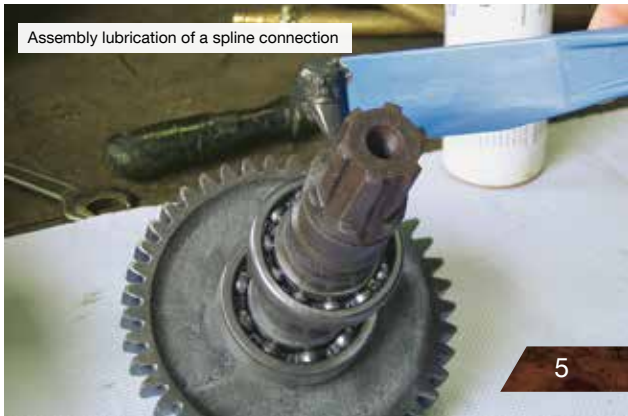
400 g ✓ 10016733 Cartridge

1,0 kg ✓ 10016735 Can

5,0 kg ✓ 10016737 Bucket

25,0 kg ✓ 10016739 Bucket





Assembly lubrication of a spline connection



Technical Sprays and Liquids

Technical sprays and liquids are employed in almost all industrial sectors. They are used for the maintenance and protection of surfaces, for cleaning and degreasing, lubricating, releasing and separating, and are an essential part in daily work.



Sealant and Adhesive Remover

- removes residues of hardened sealants and adhesives
- removal of old paints and lacquers

400 ml ✓
10026705

Cleaner Spray S

- powerful
- evaporates without leaving residues
- leaves no oily residues

500 ml ✓
10000147

5 l ✓
10000347









WEICON Solutions for the

Mining Industry

Technical Sprays and Liquids

Double Nozzle | Only for the 500 ml product



W 44 T® Multi-Spray



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

400 ml	500 ml	5 l
10001023	10039121	10007793

Rust Converter

- neutralises rust
- provides a temporary protective coating

400 ml
10047458

Rust Shock

- the 'chemical wrench'
- free of mineral oil, grease and silicone
- loosens threaded joints within a very short time

400 ml
10000143

Rust Protection 2000 PLUS

- high corrosion and weathering resistance

400 ml	400 ml
10021353	10021354
charcoal-grey	silver grey

Zinc Spray

NSF Nonfood Compounds Program Listed R2 Registration 156012

- long-term cathodic corrosion protection for all metal surfaces
- resistant protective layer, even under extreme weather and environmental conditions
- >550 hours salt spray test according to DIN EN ISO 9227

400 ml
10000016



Zinc Spray bright grade

NSF Nonfood Compounds Program Listed R2 Registration 156013

- long-term cathodic corrosion protection
- bright colour shade matching hot-dip galvanization
- >550 hours salt spray test according to DIN EN ISO 9227

400 ml
10000047



Chain and Rope Lube Spray

- pressure-resistant
- strongly adherent
- for highly stressed chain and wire ropes

400 ml
10000155

Anti-Spatter Spray

- protects work pieces and welding nozzles
- for optimum welding results
- silicone-free

400 ml	5 l
10000160	10000337





Technical Sprays and Liquids

Belt Dressing Spray

- prevents belt slip
- for all kinds of drive belts
- can also be used during ongoing operation

400 ml ✓
10031504

Smoke Detector Test Spray

- evaporates without leaving residues
- silicone-free

150 ml ✓
10031819

250 ml ✓
10027381

Pneuma-Lube

- lubricant for pneumatic equipment
- high content of PTFE
- excellent weathering resistance
- temperature resistance from -50°C up to +210°C *(-58°F up to +410°F)*

400 ml ✓
10010547

5 L ✓
10010554





Crack Testing Agent









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

Cleaner / Remover 1 & 3

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

500 ml ✓
10047463

Penetrant 2

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

500 ml ✓
10047461

Developer 4

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

500 ml ✓
10047462

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





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Elastic Adhesives and Sealants

Elastic adhesives and sealants are used in many areas of industrial production and assembly today. They combine the advantages of adhesive bonding and sealing technology and are used wherever the elasticity and the sealing of a joint are the most important requirements.



Flex 310 M® Classic

- suitable for universal use
- free of silicone, isocyanate, halogens or solvents
- ISEGA and LFGB certificated

280 ml	280 ml	280 ml
10104011	10104007	10103997
white	grey	black



Black-Seal

- extremely resistant against oil and grease
- high-temperature-resistant from -50°C up to +280°C *(-58°F up to +536°F)*

200 ml	280 ml
10000763	10104022
Press pack	Cartridge



GMK - Rubber Metal Adhesive

GMK products are various contact adhesives for bonding rubber and metal.

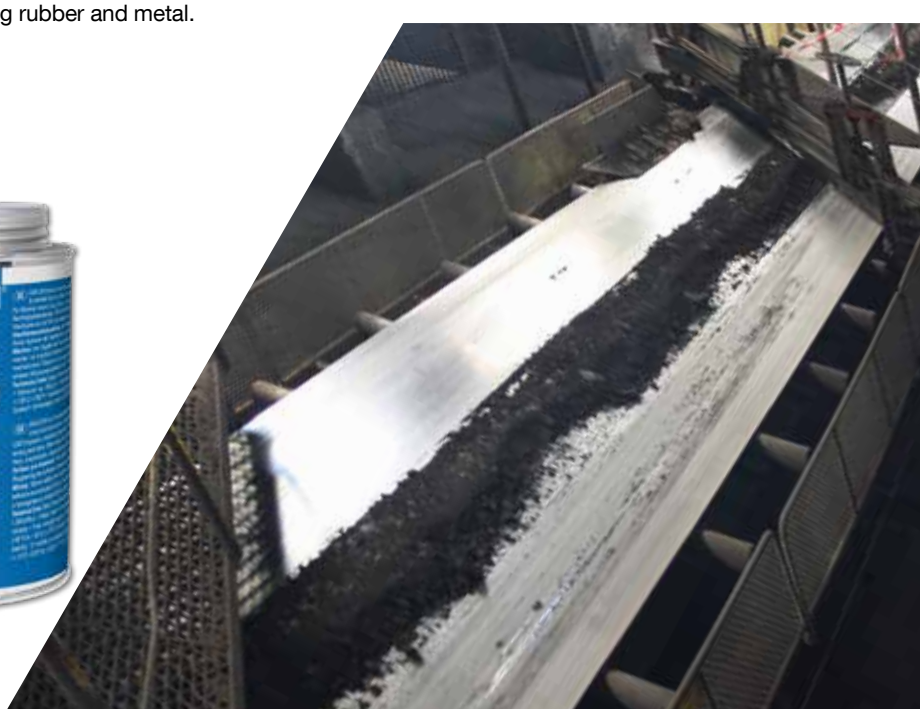
GMK 2510

- strong
- permanently elastic
- temperature-resistant

324 g
10039649
Working package
(consisting of 300 g adhesive and 24 g activator)

690 g
10034480
Working package
(consisting of 650 g adhesive and 40 g activator)







WEICONLOCK®
Anaerobic Adhesives and Sealants

Especially made for economical threadlocking, retaining and sealing of threaded, cylindrical and pipe assemblies. A vibration- and impact resistant adhesive bond is formed after curing, which is resistant to chemicals, solvents and temperatures of -60°C up to +200°C *(-76°F up to 392°F)*.

AN 302-43

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

higher viscosity
medium strength
disassembly with normal tools

50 ml
10017876

AN 302-70

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

medium viscosity
high strength
hard to disassemble

50 ml
10017884

AN 305-77

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

high viscosity
high strength
hard to disassemble

50 ml
10019949

Tested and safety-evaluated by the Federal Institute for Material Research and Testing according to information sheet M 034-1
List of nonmetallic materials supporting document to code of practice M 034e "Oxygen" (DGUV Information 213-074)







Contact Cyanoacrylate Adhesive

WEICON Contact are solvent-free instant adhesives. They bond various materials, such as metal, glass, wood, plastic, ceramic, leather and rubber, within seconds.

VA 100

- cyanoacrylate Adhesive for rubber and plastics
- medium viscosity
- slightly longer cure time

30 g
10016433



VA 250 Black

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

30 g
10016400





WEICON O-Ring Bonding Set

Content:

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

Set
10034766



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Plast-o-Seal®
Permanently Plastic Universal Sealant

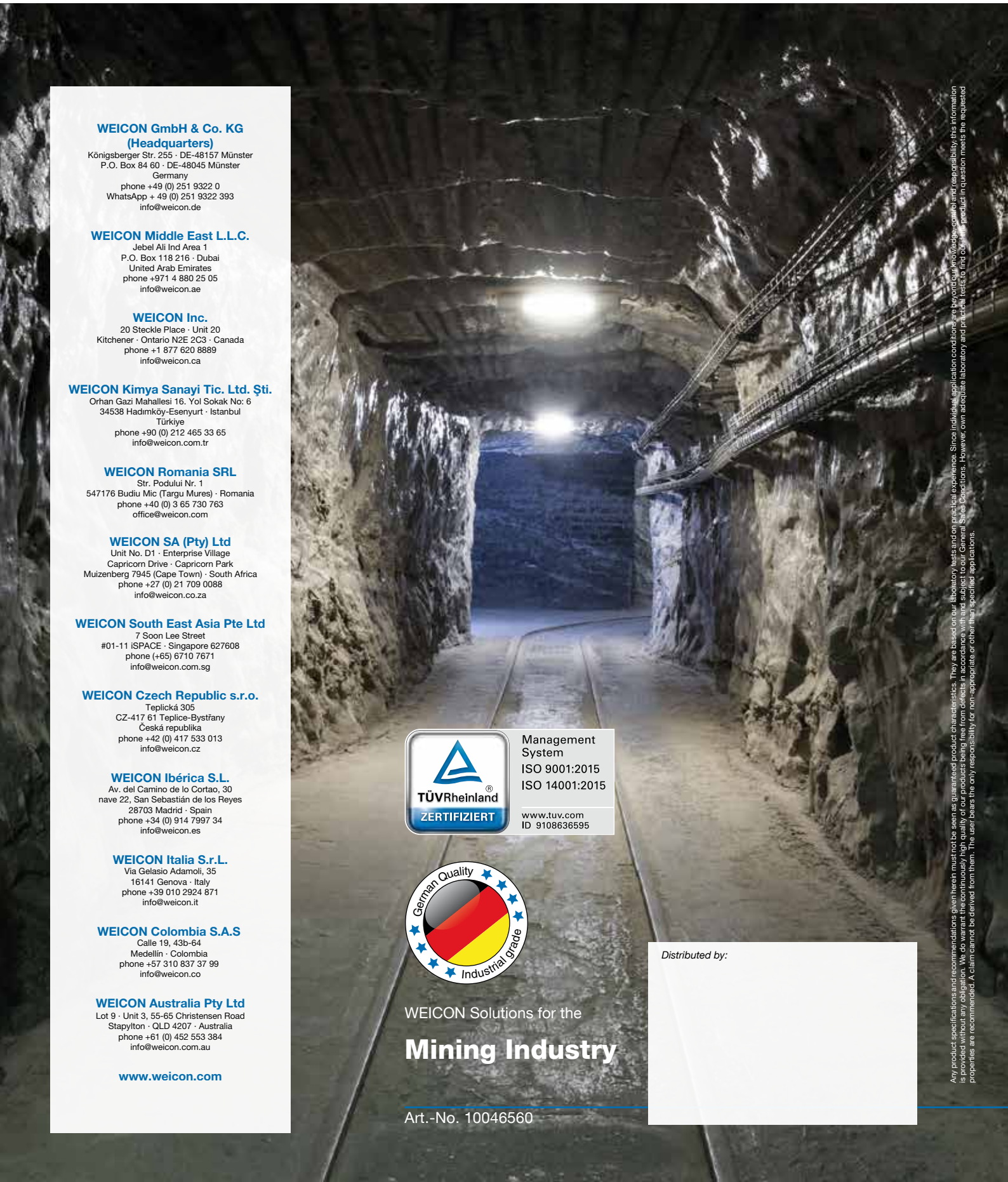
- non-curing
- no evaporation of solvents
- immediate assembly possible

90 g ✓	230 g ✓	300 g ✓
10014387	10039427	10014389
Tube	Press pack	Cartridge









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