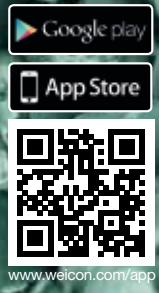




WEICON Solutions for the

Rubber and Plastic Industry



www.weicon.com

V 1.18

You can find further packing sizes and detailed information on WEICON products at www.weicon.com



Contact Cyanoacrylate Adhesives

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

VA 20

- for rubber and plastics
- low viscosity
- very fast-curing
- ISEGA-certified

30 g ✓
12000030



VA 250 Black

- black, rubber-filled
- high peel and impact resistance
- high temperature resistant from -55°C up + 140°C, residual elasticity

30 g ✓
12600030



VA 1460

- reduced "blooming" effect, for visually attractive bondings
- low odour

30 g ✓
12250030



VA 8312

- very fast-curing
- ISEGA certified
- in combination with CA Primer it can also be used for polyolefins (PE, PP)

30 g ✓
12200030



VA 8406

- very fast-curing
- particularly suited for EPDM
- temperature resistant from -50°C to + 80°C

30 g ✓
12204030



Contact Primer for Polyolefines

- for the pretreatment of plastics, which are usually difficult to bond like PE, PP
- can be used with all WEICON Cyanoacrylate instant adhesives

10 ml ✓
12450010



O-Ring Bonding-Set

- also for difficult to bond materials, e. g. silicone
- consisting of: CA Primer, VA 30 Pen, Surface Cleaner, Cartridge Cutter

Set consists of:

12603012 **Contact VA 30 Black** 12 g
11207150 **Surface Cleaner** 150 ml
12450010 **Contact Primer** 10 ml
13250000 **WEICON Cuttermesser**

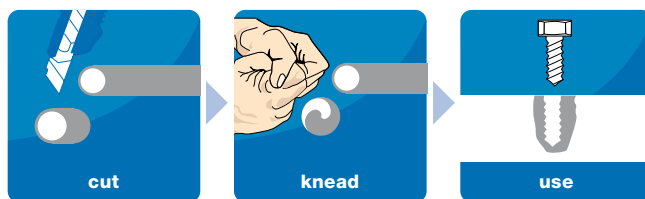
Repair Stick Plastic

Especially for the permanent repair of plastic components and composite materials with residual elasticity such as window and door frames, panelling and bumper bars. For the bonding of metal parts such as pipes and pipe bends, fittings and flanges, water tanks, pumps and housings.

- residual elasticity after curing
- high impact strength
- NSF drinking water certificate ANSI Standard 61



57 g ✓ 115 g ✓
10536057 10536115





WEICON Solutions for the Rubber and Plastic Industry

SI 303-31 *permanently elastic pipe and thread sealing*

WEICON SI 303-31 is a low strength, permanently elastic pipe and thread sealing for cold and warm water-carrying plastic and metal pipes.

WEICONLOCK SI 303-31 is an acetate-curing 1-component silicone sealant with a good chemical resistance against diluted acids and lyes. The sealant is suitable for plastic threads and plastic / metal combinations and has a high notch and tear strength. SI 303-31 has a very good weathering, aging and UV resistance.

- high viscosity
- low strength
- -40°C (-104°F) to +180° (+356°F)

85 ml ✓
30331085
Tube



Tested by the "Hygiene-Institut des Ruhrgebiets" in accordance with the KTW guideline of the Federal Environment Agency of Germany.



Elastic Adhesives and Sealants

Elastic adhesives and sealants are nowadays used in many areas of industrial production and assembly.

They combine the advantages of adhesive bonding and sealing technology and are used wherever the elasticity and the sealing of a joint are the most important requirements.

Flex 310 M® Classic

- free of solvents and isocyanate
- ISEGA certificate
- suitable for universal use
- free of silicone

310 ml ✓
13303310
white

310 ml ✓
13305310
grey

310 ml ✓
13304310
black

Flex 310 M® Crystal

- free of isocyanate and solvents
- ISEGA certificate
- crystal-clear curing
- free of silicone

310 ml ✓
13308310
transparent

Silicone HT 300

- high temperature resistant from -60°C to +300°C
- 100% solid percentage

310 ml ✓
13050310
red

Silicone N

- temperature resistant to +180°C
- free of solvents

310 ml ✓
13400310
transparent

Primer E 500

- for Silicone HT 300 and Silicone N
- solvent-containing silicone resin
- slightly yellowish, transparent

250 ml ✓
13558025



Flex+bond® Liquid

- self-levelling, one-component casting and coating mass
- cures odourless
- based on MS-Polymer
- free of solvents, isocyanates and silicone



85 ml ✓
13354085
Tube

i The marking-free alternative to PU casting materials or silicone systems!

Mounting Tape

Grey

- for smooth surfaces
- high flexibility
- extremely strong adhesion



- load bearing capacity 85 kg/m
- 3 m x 19 mm (length x width)
- core size 40 mm

3 m ✓
14050319

Transparent

- moisture-resistant
- UV-resistant
- strong



- load bearing capacity 80 kg/m
- 3 m x 19 mm (length x width)
- core size 40 mm

3 m ✓
14100319

i Fixing aid in combination with WEICON adhesives and sealants.



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Plastic-Bond

WEICON Plastic-Bond is a solvent-free structural adhesive with very good adhesion to plastics, aluminum, steel and much more. The adhesive is suitable for static as well as dynamic loads, has a high impact and peel strength and a maximum gap filling capacity of 5 mm.

- excellent adhesion on plastics
- high strength
- shock resistant
- impact resistant

24 ml ✓
10565024



Multi-Flex

WEICON Multi-Flex is extremely fast curing, has a strong adhesion, is resistant against weathering, aging and UV. It is free from silicones and isocyanates, odorless and noncorrosive. The 2-component adhesive and sealant based on MS-polymer is suitable for full-area and stresscompensating bondings – both indoors and outdoors.

- extremely fast curing
- strong adhesion
- elastic

25 ml ✓
13362025



Easy-Mix PE-PP 45

WEICON Easy-Mix PE-PP 45 is a 2-component construction adhesive on the basis of methyl acrylate. It is in particular suitable for structural, high-strength bonding of low energy plastics like PE, PP and TPE. Pre-treatment of the surfaces to be bonded is not required.

- adheres to for low-energy plastic
- achieves high bond strength
- very impact-resistant

38 ml ✓
10660038



Bonding of garage door openers made of PP



Easy-Mix PE-PP Mixing Nozzles
10660002

Easy-Mix PE-PP Hand Dispenser
10663038



Easy-Mix PU-90 / Easy-Mix PU-240

High-strength, fast-curing 2-component structural adhesives based on polyurethane with excellent adhesion on a broad range of materials. The high-viscosity formulation enables application even on vertical surfaces. The 2-component system also provides for fast and controlled curing. This makes the adhesive bonding process virtually independent of layer thickness, humidity and ambient temperature.

Easy-Mix PU-90

- high strength, gap filling
- pot life of 90 seconds
- residual elasticity after curing

50 ml ✓
10751050

Easy-Mix PU-240

- high strength, gap filling
- pot life of 240 seconds
- residual elasticity after curing

50 ml ✓
10753050



WEICON Solutions for the Rubber and Plastic Industry

Easy-Mix S50 / Easy-Mix N50 / Easy-Mix N5000

WEICON Epoxy Adhesives are cold-curing, solvent-free two-component systems with extremely strong adhesion power.

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



Easy-Mix S50

- ideal for series production with short cycle times
- pot life of 5 minutes
- viscous, self-levelling

50 ml ✓
10650050



Easy-Mix N50

- for assembly and positioning carried out at different times
- pot life of 45 minutes
- viscous

50 ml ✓
10650150



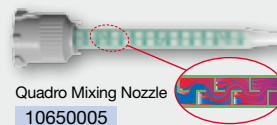
Easy-Mix N5000

- extremely high adhesive force
- colourless, clear, self-levelling
- pot life of 20 minutes

50 ml ✓
10650250

Quadro Mixing Nozzle & Easy-Mix Hand Dispenser

Accessories for all Easy-Mix types mentioned above:



Quadro Mixing Nozzle
10650005



Easy-Mix Hand Dispenser
10653050

Easy-Mix RK-7000 / Easy-Mix RK-7100 / Easy-Mix RK-7200 / Easy-Mix RK-7300

High-strength, fast-curing structural adhesives on the basis of MMA (methyl methacrylate) with excellent adhesion on e.g. fibre composite materials, many plastics, metals and many other materials.

Thanks to the modern Easy-Mix mixing and dosing system the adhesives can be cleanly and accurately automatically dosed, mixed and applied in only one working operation. In this way, a uniform quality and process assurance is guaranteed in series production.



Easy-Mix RK-7000

- highly viscous, high strength
- impact resistant
- residual elasticity

50 ml ✓
10565050



Easy-Mix RK-7100

- highly viscous, high strength
- impact resistant
- pot life of 5 minutes

50 ml ✓
10566050



Easy-Mix RK-7200

- crystal-clear, high strength
- residual elasticity
- impact resistant

50 ml ✓
10564050



Easy-Mix RK-7300

- high strength
- residual elasticity
- impact resistant

50 ml ✓
10569050



You can find further packing sizes and detailed information on WEICON products at www.weicon.com



RK-1300 / RK-1500 Structural Acrylic Adhesives

WEICON RK-1300/1500 are 2-component systems based on methacrylate, which cure fast at room temperature.

Both systems are processed in the "no-mix" procedure, i.e. a mix of both components (adhesive and activator) is not necessary. Polymerization starts as soon as the adhesive- and activator-wetted components are joined together.

RK-1300

- strong and impact resistant
- fast initial strength
- pasty

60 g* ✓
10560060

1,0 kg* ✓
10560800



RK-1500

- strong and impact resistant
- fast initial strength
- liquid

60 g* ✓
10563860

1,0 kg* ✓
10563800



*Complete package consisting of adhesive and activator

Technical Sprays and Liquids

Technical sprays and liquids find their applications in almost all industrial sectors.

They are used for the care and protection of surfaces, for cleaning and degreasing, lubricating, releasing and separating, and are an essential part in the daily work.



Surface Cleaner

- pretreatment of bonding surfaces made of metal and plastic
- effective, leaves no oily residues
- evaporates without leaving residues

150 ml ✓
11207150

400 ml ✓
11207400

Mould Release Agent

- high separating characteristics
- temperature resistant from -20°C to + 130°C
- silicone-free

400 ml ✓
11450400

Mould Cleaner

- special cleaner based on highly active organic solvents
- it effectively removes PUR residues and other impurities

500 ml ✓
11203550

Plastic Cleaner

- ideal for cleaning sensitive surfaces
- neutral to materials
- evaporates without leaving residues

500 ml ✓
11204500

PTFE-Spray

- dry lubricant
- temperature resistant from -180°C to + 250°C
- silicone-free

400 ml ✓
11300400

Silicone Spray

- provides a durable separating film
- high sliding effect
- very thin separating film

400 ml ✓
11350400



Citrus Cleaner

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

400 ml ✓
11217400



WEICON Solutions for the Rubber and Plastic Industry

WEICON GMK

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

- rubber to rubber
- rubber to metal

GMK 2410

- permanently elastic
- for large areas
- resistant to humidity



185 g ✓ 16100185 Tube	300 g ✓ 16100300 Can	350 g ✓ 16100350 Brush top can
700 g ✓ 16100700 Can	5 kg ✓ 16100905 Bucket	25 kg ✓ 16100925 Bucket



Bonding of rubber mats for trailers

strong
Contact Adhesive
Rubber - Metal
elastic

GMK 2510

- 2-component adhesive
- permanently elastic and strong on many elastomers (like e. g. hypalon)
- resistant to humidity and temperatures



324 g ✓ 16200324 Working package (consisting of 324g adhesive and 20g activator and one spatula)	690 g ✓ 16200690 Working package (consisting of 650g adhesive and 40g activator and one spatula)
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Silicone Grease

- very good compatibility to plastics, especially for applications on valves, fittings and sealings.
- assembly aid for O-rings
- temperature resistance of -50°C to +200°C



Oiling of plastic gears

5 g ✓ 26350005 Tube	85 g ✓ 26350085 Tube	400 g ✓ 26350040 Cartridge	450 g ✓ 26350045 Can
1 kg ✓ 26350100 Dose	5 kg ✓ 26350500 Bucket	25 kg ✓ 26350925 Bucket	

BAM¹



Nonfood Compounds Program Listed H1

Tested by the "Hygiene-Institut des Ruhrgebiets" in accordance with the KTW guideline of the Federal Environment Agency of Germany¹.

Urethane

Urethane 45, 60, 80

- liquid and self-levelling casting compound
- permanently elastic
- resistant to humidity

Shore Hardness: A 45 0,5 kg ✓ 10514005	Shore Hardness: A 80 0,5 kg ✓ 10518005
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Shore Hardness: A 60

0,5 kg ✓ 10516005

Urethane 80 Putty

- putty Coating Resin
- high impact strength and abrasion resistance
- temperature resistance -60°C to +90°C

Shore Hardness: A 80

0,5 kg ✓ 10518505



Primer M 100

- for Urethane 45, 60, 80
- solvent-containing synthetic resin
- transparent, for non-absorbent materials like plastic

250 ml ✓ 13550125



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