



WEICON products for the

SOLAR SECTOR



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V 1.24

SOLAR ENERGY

Renewable energy systems are playing an increasingly important role today and will do so in the future. They are key to a resource-friendly and sustainable approach to nature and the environment.

Renewable energies also include solar energy, which converts the inexhaustible power of the sun into electricity that we can use. The sun's energy can be used by solar cells in photovoltaic systems, solar thermal power plants and solar collectors to generate electricity and heat.

Photovoltaics has become an important pillar of the electricity supply. Solar cells convert sunlight directly into electricity in PV systems. The resulting electricity can be used to power electrical devices, stored in batteries or fed into the public grid.

In solar thermal power plants, the sun's rays are bundled with special concave mirrors. In this way, they heat a liquid that drives a turbine, thereby generating energy.

Solar collectors convert the sun's radiation into heat which in turn heats water or buildings.

WEICON offers you a whole range of products for the solar sector. Our special tools, adhesives and sealants as well as technical sprays can be used both in production and in the installation and maintenance of photovoltaic systems, solar thermal power plants or solar collectors.

Find solutions easily
with our
WEICON APP



includes a safety box
with belt clip

Cable Scissors No. 35

cutting – stripping – crimping

- ▶ 2-component handles for more safety
- ▶ high cutting capacity
- ▶ blades made of stainless special steel

mm	g	Cu/Al	Cu/Al	Art.No.
150	90	 <35 mm ²	 <50 mm ²	10039667

SPECIAL TOOLS

for the stripping and skinning
of common cables in the solar sector

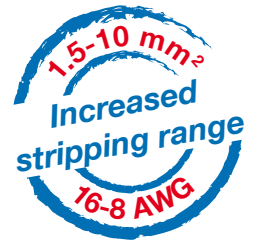


Wire Stripper No. 7 Solar

- ▶ automatic wire stripper with scanning system
- ▶ suitable for all photovoltaic cables, e.g. H1Z2Z2-K according to EN 50618 from **1.5 to 10 mm²**
- ▶ integrated, easily accessible side cutter up to 3 mm Ø Cu/Al
- ▶ 5 different settings for precise adjustment to various insulations
- ▶ specially reinforced, galvanised and hardened blades

mm	g	mm²	Art.No.
170	218	1.5-10 (16-8 AWG)	10025011

VIDEO



Wire Stripper No. 5 Solar Pro

- ▶ special tool for dismantling and stripping all common cables in the solar sector e.g. H1Z2Z2-K, with new stripping range from 1.5-10 mm² (16-8 AWG)
- ▶ extended setting from 5-25 mm
- ▶ powerful integrated side cutter up to 3 mm Cu/Al

mm	g	mm²	Art.-No.
160	140	1.5-10 (16-8 AWG)	10067897

VIDEO



Mini-Solar

- ▶ 3 different models for 3 high-performing areas of work
- ▶ for all common solar cables such as H1Z2Z2-K from 1.5 to 16 mm²
- ▶ ergonomics thanks to grip zones
- ▶ precise working enabled by easily adjustable length stop from 6 to 28 mm
- ▶ powerful, integrated side cutter up to 10 mm²

Article name	mm	g	mm²	Art.No.
Mini-Solar 1.5/2.5 mm²	125	58	1.5/2.5 (16/14 AWG)	10065750
Mini-Solar 4/6 mm²	125	58	4/6 (12/10 AWG)	10065752
Mini-Solar 10/16 mm²	125	58	10/16 (8/6 AWG)	10065754

VIDEO



For the solar sector

ADHESIVES AND SEALANTS



AN 302-43



Threadlocking | drinking water and DVGW approval

- ▶ higher viscosity
- ▶ medium strength
- ▶ disassembly with normal tools

▶ 10 ml 10030474 ▶ 20 ml 10030474 ▶ 50 ml 10017876 ▶ 200 ml 10019968

AN 302-70



Locking of threads and stud bolts | drinking water and DVGW approval

- ▶ medium viscosity
- ▶ high strength
- ▶ hard to disassemble

▶ 10 ml 10030476 ▶ 20 ml 10016421
▶ 50 ml 10017884 ▶ 200 ml 10019978



VA 2500 HT

Cyanoacrylate adhesive for special requirements | high-temperature resistant | high viscosity | slow curing | cures with residual elasticity | high peel and impact strength

▶ 12 g 10018871 ▶ 30 g 10016398 ▶ 60 g 10019803 ▶ 500 g 10019803

Thread Sealing Cord DF 175



- ▶ for all thread types (metal or plastic)
- ▶ temperature-resistant from -200 °C to +240 °C
- ▶ silicone-free
- ▶ resistant to almost all chemicals, oils and gases
- ▶ suitable for solar systems
- ▶ tested up to 45° reverse rotation
- ▶ easy handling (time saving)

▶ Dispenser 175 m 10026655





Dispenser D50

Robust, fracture-resistant construction of fibreglass-reinforced plastic (polyamide) with a metal trigger.

10005237



Helix Mixing Nozzle A-System

10026925

Quadro Mixing Nozzle A-System

10005236

ALSO AVAILABLE AS A SET



Epoxy Minute Adhesive yellow

casting compound | fast-curing | impact-resistant

► 24 ml

10056637



Solar-Flex®

especially for the solar industry

WEICON Solar-Flex offers strong adhesion, is non-corrosive and can be painted over "wet on wet". It is weather-resistant, UV-resistant, free of silicone, isocyanate, halogens and solvents. Solar-Flex is an elastic adhesive based on MS polymer specially developed 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.

► 290 ml

10025036
white

► 290 ml

10025038
grey



TECHNICAL

SPRAYS AND LIQUIDS

Corrosion protection

Zinc Spray

long-lasting cathodic corrosion protection | paintable | >1050 hours salt spray test according to DIN EN ISO 9227 | NSF certification

► 400 ml

10000016



Zinc Spray bright grade

long-lasting cathodic corrosion protection | colour matching fresh hot-dip galvanization | NSF certification

► 400 ml

10000047



Isolation Spray

transparent insulating and finishing varnish based on acrylic resin

► 400 ml

10053563



Technical sprays and liquid substances are used in almost all areas of industry.

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



Contact Spray

repels moisture | prevents leakage currents

► 400 ml

10026740

Surface Cleaner

for the pretreatment of bonding surfaces

► 150 ml

10024317

► 400 ml

10024313

► 1 L

10025301

► 5 L

10025288

► 10 L

10025292

► 28 L

10053467



Activating Cleaner

Cleaner and primer in one product | for pre-treatment of adherends

Universal cleaning agent and bonding agent in one product. Specially developed for the pre-treatment of smooth surfaces, such as stainless steel, glass and plastics.

The spray is used for the optimal preparation of non-absorbent surfaces. The cleaning and activation of non-porous substrates is carried out in only one work step. The spray can improve the adhesive force of the applied adhesive if necessary.

The Activating Cleaner has a short flash-off time and can be applied quickly and easily. This makes it ideal for application in industrial series production with short cycle times or for bonding that has to be carried out at short notice.

► 400 ml

10062859



with
Activating Cleaner

without
Activating Cleaner

ANTI SEIZE

ASSEMBLY PASTES

for highly
stressed parts

even at high
temperatures

temperature-resistant from
-40 °C to + 1400 °C

protects against:

- corrosion – seizing up – wear
- stick-slip occurrence
- oxidation and fretting corrosion
- electrolytic reactions (“cold welding”)

Anti-Seize High-Tech Assembly Spray

metal-free

WEICON Anti-Seize High-Tech is high-temperature resistant, has excellent separating characteristics, is metal-free, neutral to materials and has NSF certification.

Anti-Seize High-Tech 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.

► 450 g

10000196
Container
incl. brush

► 400 ml

10000221
Spray



WEICON GmbH & Co. KG (Headquarters)

Königsberger Str. 255 · DE-48157 Münster
P.O. Box 84 60 · DE-48045 Münster
Germany
phone +49 (0) 251 9322 0
WhatsApp + 49 (0) 251 9322 393
info@weicon.de

WEICON Production GmbH

Vogelsrather Weg 25 · DE-41366 Schwalmthal
Germany
phone +49 (0) 2163 4998 079
production@weicon.de

WEICON Middle East L.L.C.

Jebel Ali Ind Area 1
P.O. Box 118 216 · Dubai
United Arab Emirates
phone +971 4 880 25 05
info@weicon.ae

WEICON Inc.

20 Steckle Place · Unit 20
Kitchener · Ontario N2E 2C3 · Canada
phone +1 877 620 8889
info@weicon.ca

WEICON Kimya Sanayi Tic. Ltd. Şti.

Orhan Gazi Mahallesi 16. Yol Sokak No: 6
34538 Hadımköy-Esenyurt · Istanbul
Türkiye
phone +90 (0) 212 465 33 65
info@weicon.com.tr

WEICON Romania SRL

Str. Podului Nr. 1
547176 Budiu Mic (Targu Mures) · Romania
phone +40 (0) 3 65 730 763
office@weicon.com

WEICON SA (Pty) Ltd

Unit No. D1 · Enterprise Village
Capricorn Drive · Capricorn Park
Muizenberg 7945 (Cape Town) · South Africa
phone +27 (0) 21 709 0088
info@weicon.co.za

WEICON South East Asia Pte Ltd

7 Soon Lee Street
#01-11 iSPACE · Singapore 627608
Phone (+65) 6710 7671
info@weicon.com.sg

WEICON Czech Republic s.r.o.

Teplická 305
CZ-417 61 Teplice-Bystřany
Česká republika
phone +42 (0) 417 533 013
info@weicon.cz

WEICON Ibérica S.L.

Av. de Somosierra 18, Nave 6
San Sebastián de los Reyes
28703 Madrid · Spain
phone +34 (0) 914 7997 34
info@weicon.es

WEICON Italia S.r.L.

Via Gelasio Adamoli, 35
16141 Genova · Italy
phone +39 010 2924 871
info@weicon.it

www.weicon.com



Management
System
ISO 9001:2015
ISO 14001:2015

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