

# WEICON for the Energy Technologies

## 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.

- AN 302-43 Universal threadlocking type, medium strength, DVGW<sup>1</sup>/KTW<sup>2</sup> approval, higher viscosity.
- AN 302-70 Locking of threads and stud bolts, high strength, DVGW<sup>1</sup> approval, medium viscosity.
- AN 306-03 Retaining cylindrical assemblies, high strength, low viscosity
- AN 306-60 Assembly of cylindrical parts, ideal for repair of worn-out bearings, bushes and damaged seats of bearings as well as for larger gaps up to 0.5 mm, high strength, high viscosity.
- AN 305-11 Sealing of threaded pipes and fittings; medium strength, DVGW<sup>1</sup>/KTW<sup>2</sup> approval, higher viscosity.
- AN 305-73 Gasketing of flanges, gearboxes and motor housings, low strength, elastic, high viscosity.

<sup>1</sup>DVGW approval for use in gas supply and hot water systems  
<sup>2</sup>KTW test for use in drinking water supply systems

## WEICON Contact VA 250 Black

- Cyanoacrylate adhesive
- High viscosity, 2000 – 3000 mPa·s
- Slow-curing
- Residual elasticity after curing, therefore particularly suitable in ever changing climates
- Not sensitive to longer term humidity
- Temperature resistant from -50°C (-58°F) to +135°C (-211°F)
- Black, rubber-filled adhesive, ideal for bonding numerous rubber materials (e.g. solid rubber or cellular rubber), plastics as well as metal to plastic
- Excellent peel and shock resistance





## WEICON Cleaner Spray S

WEICON Cleaner Spray S degreases and cleans all metals, glass, ceramics, and many plastics as well as machine parts during maintenance works.

This spray is recommended for the preparation 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 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 Zinc Spray „bright grade“

Provides a durable cathodic corrosion protection for all metal surfaces, e.g. hot-galvanised parts. WEICON Zinc Spray „bright grade“ forms a fast-drying, adherent protective layer of micro-fine zinc flakes.

The new zinc flakes form an extraordinarily resistant protective layer, also with extreme weather and environmental conditions. Temperature resistant up to +300°C (+572°F).



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## WEICON Plastic Metal

The ideal product for fast, cost-effective and durable repairs, bondings and coatings of the most different types of material. Temperature resistant from  $-35^{\circ}\text{C}$  ( $-31^{\circ}\text{F}$ ) to  $+120^{\circ}\text{C}$  ( $+248^{\circ}\text{F}$ ), type HB 300, briefly up to  $+280^{\circ}\text{C}$  ( $+536^{\circ}\text{F}$ ).

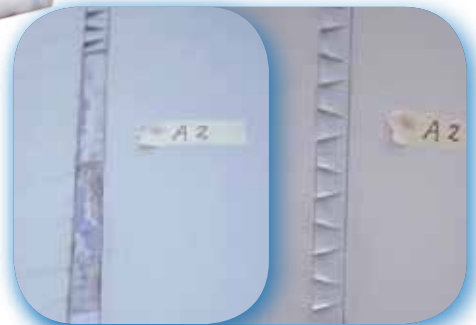
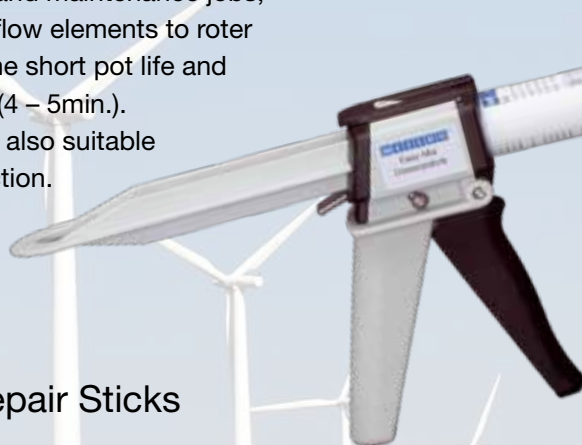
Type HB 300 – Putty, steel-filled. High quality putty that can also be applied on vertical surfaces. Easy and practical to use, mixing ratio 1 : 1.

Type WR2 – Putty, mineral-filled, wear resistant. Especially suitable for repairs on worn-out threads at turbines where rolling or sliding movements cause wear.



## WEICON Easy-Mix S 50

For quick repair and maintenance jobs, e. g. bonding airflow elements to roter blades. Due to the short pot life and processing time (4 – 5min.). Easy-Mix S 50 is also suitable for series production.



## WEICON Repair Sticks

Easy to use: Cut off – knead – use

Type **Titanium** – for high temperature and wear resistant repairs and bondings of metal parts. Temperature resistant up to  $+280^{\circ}\text{C}$  ( $+536^{\circ}\text{F}$ ), briefly up to  $+300^{\circ}\text{C}$  ( $+572^{\circ}\text{F}$ ).

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. Temperature resistant up to  $+120^{\circ}\text{C}$  ( $+248^{\circ}\text{F}$ ), briefly up to  $+150^{\circ}\text{C}$  ( $+302^{\circ}\text{F}$ ).

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



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Ihr Fachhändler:

## WEICON Black-Seal

One-component silicone especially suited for the use in machine construction and engineering as well as for engine and car manufacturing. Provides excellent adhesion on aluminium, steel, wood, glass, ceramics and many other materials. The range of application are engines, water pumps, gears, axles and oil sumps etc., even under tough operating conditions.

Temperature resistance:  
-60°C (-76°F) to +280°C (+536°F),  
briefly up to approx. +300°C (+572°F)

## WEICON Flex 310 M® Super-Tack

Elastic one-component adhesive and sealant with fast development of adhesive strength. Flex 310 M Super-Tack has a very high initial adhesive strength and enables adhesive bonds also on vertical surfaces indoors and outdoors.

## WEICON Anti-Seize

High-performance assembly pastes. Temperature resistant from -180°C (-292°F) up to +1400°C (+ 2552°F).

Reliable protection against corrosion, seizing, wear and cold welding (especially on stainless steel) • superior sliding properties • withstands water and salt water as well as most acids and alkalines • good adherence and abrasion resistance • good sealing properties • high-pressure resistant (230 N/mm<sup>2</sup>) • allows easy assembly and disassembly • prevents cold welding • economical in use

**NSF** Anti-Seize „High-Tech“  
Non-food Compounds Registration Programme



Detailed information on these products is available from our single brochures and at [www.weicon.de](http://www.weicon.de)

The specifications and recommendations given in this brochure must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

