

WEICON for the Food, Cosmetic and Pharmaceutical Industry

WEICON Bio-Fluid

High-purity, medical-grade lubricant, free of resins and acids, suitable for cleaning and care of bare metal surfaces. The crystal-clear, solvent-free product is odourless, does not affect taste and has excellent crawling and water-rejecting properties. WEICON Bio-Fluid reduces friction and wear, prevents squeaky noises, protects against corrosion and loosens dirt and rust. Bio-Fluid corresponds to the definition of "Paraffinum Subliquidum" (subliquid paraffin) in the "Deutsches Arzneibuch" (DAB 10) (German Pharmacopoeia).



WEICON Bio-Cut

Bio-degradable, high-performance cutting oil that permits higher speeds and longer service lives, resulting in a higher cutting performance of the tools.



WEICON Metal-Fluid

New and highly-effective product for indoor care, protection and cleaning of mat and polished metal surfaces, e. g. stainless steel, aluminium, chrome, nonferrous heavy metal etc.



WEICON Allround Lubricant AL-H

Odourless and tasteless high-temperature grease for roller bearings, sliding bearings, pivoted bearings, spindles, spline shafts and linear guide systems at all sliding speeds permissible for grease lubrication. Temperature range: -40°C (-40°F) to +160°C (+320°F). Conforms to: NSF H1; LMBG Section 31 and Section 21.



Non-food
Compounds
Registration
Programme





WEICONLOCK®

Anaerobic adhesives and sealants

- AN 302-43 Threadlocking, approved to DVGW¹/KTW² – for drinking water systems, higher viscosity, medium strength, disassembly with normal tools.
- AN 305-77 Universal sealing type for pipes and fittings, DVGW¹- and BAM³ approval for gaseous oxygen, high viscosity, medium strength, disassembly with normal tools.
- AN 306-20 Retaining cylindrical assemblies, approved to DVGW¹/KTW², high temperature resistant, higher viscosity, high strength, hard to disassemble.
- AN 306-30 Retaining cylindrical assemblies for passive materials, BAM³-certificate; higher viscosity, high strength, hard to disassemble.

¹ DVGW Certificate for use in gas supply and hot water systems
² KTW test (Technologiezentrum Wasser TZW Karlsruhe) for use in drinking water supply systems
³ BAM Approval (Bundesanstalt für Materialforschung und -prüfung BAM Tgb.-No. 4045/96 - II 2402 for gaseous oxygen up to max. +60°C operating temperature and 10 bar oxygen pressure).



WEICON Plast-o-Seal®

Permanently plastic universal sealant for sealing treated flanges of machine, gearbox and motor casing flanges and to improve the performance of both old and new gaskets made from paper, cork, felt, etc. Plast-o-Seal is solvent free which enables immediate assembly. Temperature resistance: -50°C (-58°F) up to +250°C (+482°F).

WEICON Flex M® Classic



Strong, sandable and overpaintable adhesive and sealant on an MS polymer basis. Free of isocyanate and solvents. Almost all materials, such as metals, wood, plastics, glass, ceramic, etc. can be bonded to themselves and among each other without the necessity to use a primer.

WEICON Aqua-Flex



Special adhesive and sealant for a variety of applications, also on wet and humid surfaces. WEICON Aqua-Flex is gap filling (<25 mm) and cures practically without shrinkage to a permanently elastic material.



WEICON for the Food, Cosmetic and Pharmaceutical Industry

WEICON Repair Sticks

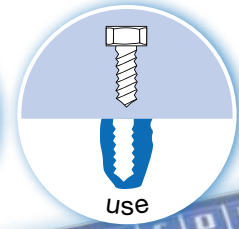
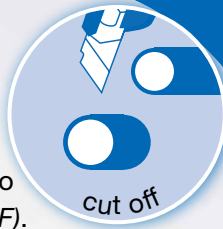
Easy to use:

Temperature resistant from -50°C (-58°F) up to $+120^{\circ}\text{C}$ ($+248^{\circ}\text{F}$), briefly up to $+150^{\circ}\text{C}$ ($+302^{\circ}\text{F}$).

Plastic For durable, *elastic* and non-shrink repairs of plastic parts (except for plastics such as PE, PP, PTFE, etc.)

Copper For *very quick* repairs of cracks, holes and leakages even on damp and wet surfaces. Pot life 4 minutes.

Steel For quick and *high strength* repairs and bonds of metal parts, suitable as an universal repair compound.



WEICON Plastic Metal

The ideal product for fast, cost-effective and durable repairs, bondings and coatings of the most different types of material.

Type

WEIDLING C High temperature resistant, aluminium filled, two-component casting epoxy resin system especially for industrial use. This type is non-corroding and anti-magnetic. After complete curing the product can be machined, e.g. drilled, milled, ground and filed. Temperature resistant from -35°C (-31°F) up to $+220^{\circ}\text{C}$ ($+428^{\circ}\text{F}$).



WEICON Anti-Seize „High-Tech“

White, metal-free* high-performance lubricating and anti-corrosion compound. Prevents electrolytic corrosion (“cold welding”) between metals and is temperature resistant from -40°C (-40°F) up to $+1,400^{\circ}\text{C}$ ($+2,552^{\circ}\text{F}$).

Application examples:

- Filter presses
- Aerators
- Stop valves
- Rotating parts on sluices
- Seals and glands
- Valve Spindles
- Flange and pipe joints

*less than 0.1%



 Non-food Compounds Registration Programme



WEICON Workshop Cleaner

Workshop Cleaner cleans and degreases all metals, plastics, rubbers, glass, ceramics and wood. Powerfully removes grease, oil, resin, soot, wax, nicotine, insect dirt, bitumen and tar splashes.

Workshop Cleaner is free of solvents and phosphates, compatible with oil separators (ÖNORM B 5105) and biodegradable according to EU regulations. Special contents provide a temporary corrosion protection.

Approvals:

Product	Testing institute	Details (certificate upon request)
Bio-Fluid	NSF	Formulation according to the FDA positive list. Direct contact with foodstuff (NSF H1).
Metal-Fluid	NSF	Formulation according to the FDA positive list. Indirect contact with foodstuff (NSF A7/C1).
Allround Lubricant AL-H	NSF	Formulation according to the FDA positive list. Direct contact with foodstuff (NSF H1).
WEICONLOCK AN 302-43	TZW Karlsruhe	According to the KTW-Leitlinie of the German Umweltbundesamt (Bges.BI.2005) in the range of gaskets.
WEICONLOCK AN 306-20	TZW Karlsruhe	According to the KTW-Leitlinie of the German Umweltbundesamt (Bges.BI.2005) in the range of gaskets.
Flex 310 M Classic	ISEGA	Conformity to the German law concerning the handling of foodstuff (LMBG) and the German Decree on Consumer Goods.
Aqua-Flex	ISEGA	Conformity to the German law concerning the handling of foodstuff (LMBG) and the German Decree on Consumer Goods.
Repair Stick Plastic	NSF	The products conform to the requirements of NSF/ANSI Standard 61 – Drinking Water System Components – Health-Effects.
Repair Stick Copper		
Repair Stick Steel		
Anti-Seize ASW	NSF	Formulation according to the FDA positive list. Direct contact with foodstuff (NSF H1).
Workshop Cleaner	-----	With appropriate use, compliance with the requirements of the German law concerning the handling of foodstuff and the German Decree on Consumer Goods.

Detailed information on these products is available from our single brochures and at www.weicon.de.



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