



Associated Gaskets

# Weicon Technical Sprays



- Surface and Corrosion Protection
- Lubrication
- Care and Protection
- Adhesives and Inspection Aids
- Dissolving and Separating
- Cleaning and Degreasing

# About AG

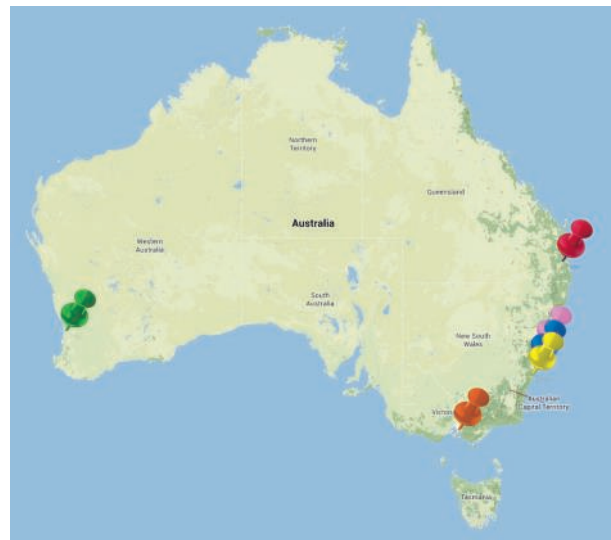
For almost 50 years Associated Gaskets has been providing high quality products to Australian industry. While our range of materials and services has definitely expanded over the years, our focus remains on providing the very best solution coupled with the very highest levels of individualised service.

This brochure provides a brief overview of our new range of Weicon Technical Sprays. These high quality products are used in all kinds of applications all over the world and AG is proud to have partnered with Weicon to offer them exclusively in Australia.

For more information on any of the products detailed in this brochure, or if you would like to discuss our comprehensive range of gaskets, seals, thermal and electrical insulation, adhesives, sealants, and industrial tapes, please don't hesitate to contact any one of our 6 branch locations. We'll be more than happy to help in any way we can.

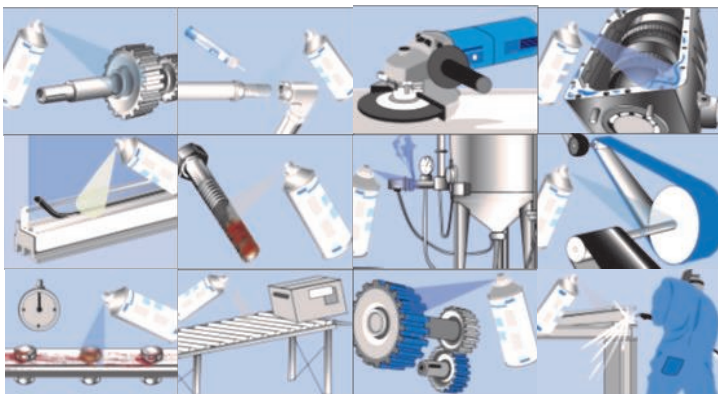
## Industries Served

- Agricultural
- Automotive
- Chemical & Petro-Chemical
- Construction
- Defence & Aerospace
- Electric Motor Rewinders & OEMs
- Electronics
- Engineering
- Food & Beverage
- Manufacturing
- Marine & Shipbuilding
- Metallurgical
- Mining
- Oil & Gas
- Paper, Pulp & Board
- Pharmaceutical
- Power Generation & Transmission
- Renewable Energy
- Switchboard Manufacture & Repair
- Tradespeople
- Transport
- Water & Waste
- & Many, Many More...



## Services Offered

- 3D Modelling & Drawing
- Die Cutting
- Extrusions
- Individualised Documentation
- Inventory Management
- Kiss Cutting
- Kits & Custom Packaging
- Laser Cutting
- Machining
- Moulding
- Product Coding & Traceability
- Rapid-Prototyping
- Sample Reproduction
- Sewing
- Shut Down Services
- Slitting
- Thicknessing
- Water Cutting
- & Many More...



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### Rust Protection 2000 Plus

Available in Silver-Grey & Charcoal-Grey

Rust Protection 2000 Plus is a high quality spray with outstanding corrosion and weather resistance. Based on high purity ferric oxide pigments in a flaky arrangement, this spray provides a permanent water and weather resistant protection.

Rust Protection 2000 Plus is used wherever metal constructions and installations (that are exposed to extreme weather conditions) have to be protected with a long lasting and optically attractive coating.

Rust Protection 2000 Plus is temperature resistant from  $-50^{\circ}\text{C}$  to  $300^{\circ}\text{C}$ .

#### Applications

- Steel constructions and frameworks
- Iron railings, lattice towers
- Fences, handrails and balcony railings
- Movable gates and outdoor lamps
- Renovation of intact lacquer coatings and all parts exposed to high corrosion risk e.g. welding seams, threads, edges, screws and nuts.



A higher corrosion protection is achieved by double cross-coating application.  $>2,000$  hours salt spray test  $\Rightarrow$  20 years natural weathering (C5-I corrodibility class ISO 12944, part 2)



### Zinc Spray & Zinc Spray - Bright Grade



Weicon Zinc Sprays offer quick-drying and long lasting corrosion protection for all types of metals.

Weicon Zinc Sprays provide all metal surfaces (such as hot-dip galvanised parts) permanent, cathodic corrosive protection. These sprays form a quick-drying, adhesive, protective layer of microfine zinc flakes.

In a salt spray test conducted in accordance with DIN 53167 or DIN 50021, metal parts treated with Weicon Zinc Spray showed no corrosion, even after more than 500 hours of concentrated exposure.

The innovative zinc flakes form a highly resistant protective layer which repels attack from extreme weather and environmental influences. In this way Weicon Zinc Sprays fulfil the requirements higher than those specified in DIN EN ISO 1461.

The colour of Weicon Zinc Spray “Bright Grade” is adapted to match that of hot-dip galvanisation.

#### Applications

- As a high quality rust protection primer
- For touching up welded or drilled sections
- As a conductive intermediate layer in spot welding
- Whenever metal must be protected from corrosion

In addition to these applications, Weicon Zinc Spray “Bright Grade” is preferred for the repair of damaged zinc coating in the same colour.



Weicon Zinc Sprays are dust dry after about 15 minutes and can be painted over after about 12 hours without pre-treatment.

## Aluminium Spray A-100 & Aluminium Spray A-400

Weicon Aluminium Sprays contain aluminium pigments with a purity of approximately 99.5% and offer high quality corrosion protection for all metallic surfaces.

Type A-100: Abrasion Resistant  
Type A-400: Very High Brilliance



### Applications

- In refrigeration and ventilation technology
- In combustion plants
- In pipelines and machine housings
- On exhaust systems (only A-100 and only on end pipes)
- In model construction, applied art and toy manufacturing

Weicon Aluminium Sprays are resistant to many diluted acids, lye and atmospheric influences. The temperature resistance of the coating is 800°C\*.

\*For more detail, please refer to the technical data.



## Zinc-Alu Spray

Weicon Zinc Alu Spray lastingly protects all metal surfaces against rust and corrosion. Weicon Zinc Alu Spray forms a quick-drying, adhesive protective layer and is resistant to many chemicals.

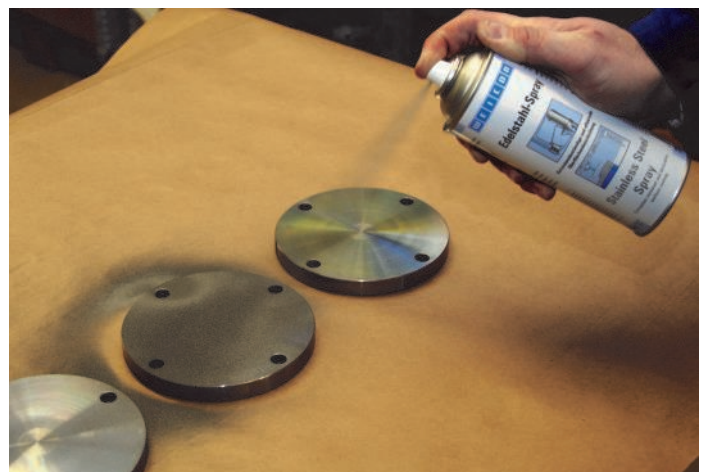
### Applications

- Preferred for the repair of damaged zinc coatings in a matching colour
- For touching up welded or drilled sections

Weicon Zinc Alu Spray is dust-dry after about 15 minutes and can be spackled and painted over after about 12 hours without pre-treatment. It is temperature resistant up to 300°C.

## Stainless Steel Spray & Stainless Steel Spray - Bright Grade

Weicon Stainless Steel Sprays are a corrosion and weather resistant surface coating. Due to the high chemical resistance, these sprays are used wherever a resistant, protective layer is required. The alloy is composed of chromium, nickel and manganese.



### Applications

- For the repair of damaged stainless steel parts
- On lorry attachments
- On silos and pipelines
- Outdoors (weather resistant)
- For the optical refinement of glass, wood, stone, ceramics, and most plastics
- For decorative purposes

Weicon Stainless Steel Sprays are dust-dry after 10 minutes and attains full adhesion and abrasion strength after 4-6 hours (bright grade after 10 hours). They are temperature resistant up to 300°C.



## Copper Spray

Weicon Copper Spray is a high-quality, weather resistant, highly adhesive metal spray for protective and decorative coatings with an effective, non-ferrous metal content for indoor and outdoor use.

Copper spray is widely used for the optical refinement (copper plating) of various metal surfaces or design parts.



### Applications

- Sheet metal window sills
- Roof gutters and drainage pipes
- Outdoor lights and mailboxes
- Craftwork and decorating

## Brass Spray

Weicon Brass Spray is a metallic coating in typical brass colour. It is used for the protection and optical refinement of a range of materials.

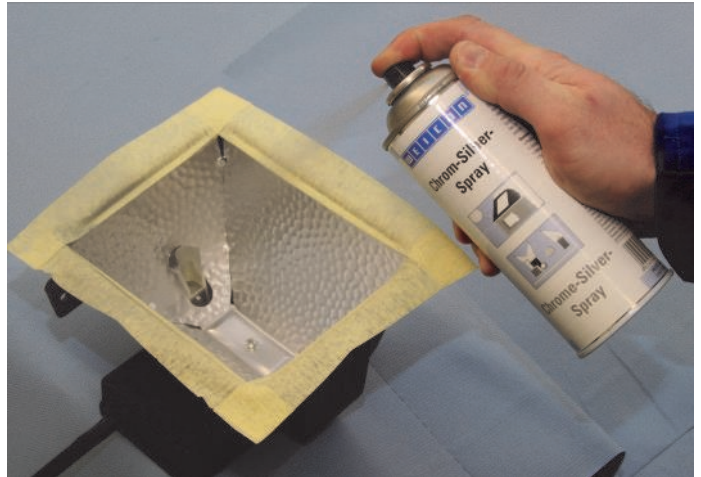
### Applications

- Restoration work
- Decorative purposes like picture frames
- Applied art, hobbies and crafts
- Subsequent refining of yellow-chromated parts that have been damaged due to drilling, welding or milling.



## Chrome Silver Spray

Weicon Chrome Silver Spray creates a high brilliance surface coating. The high luminosity is achieved due to the special composition and very high purity of the metal pigments.



### Applications

- Prototypes and samples
- Reflectors
- Trade fair and exhibition construction
- Effective decorating work
- For the optical refinement of all kinds of materials.

## Corro-Protection



Weicon Corro-Protection preserves tools and precision metal parts for indoor storage or overseas shipping with a dry, waxy protective film.



### Applications

- Safe corrosion protection of plain, un-lacquered metal parts through a transparent protective film
  - Inside storage of work pieces
  - Corrosion protection for overseas shipping
  - Preservation of tools and precision parts
- As required, the protective film can be easily removed (e.g. with Weicon Cleaner S).

## Cleaner S Spray

Weicon Cleaner S degreases and cleans all metal, glass, ceramics and many plastics.



### Applications

- Cleaning and degreasing before priming and painting
- Before the use of other Weicon products where a greasy substrate would impair the effect (e.g. during adhesion)
- Cleaning of machine parts

Weicon Cleaner S Spray evaporates quickly and leaves no residue. Even gummy lubricants are removed.

Thermoplasts such as PVC, plexiglass, polystyrene and simple paintjobs can be partially dissolved.



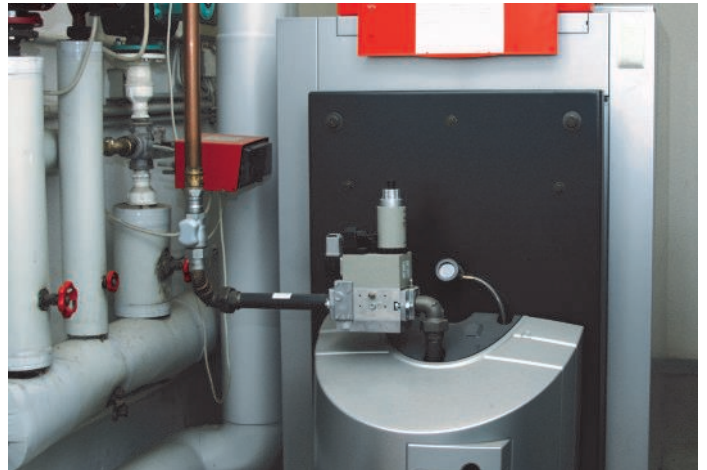
## Burner Cleaner

Weicon Burner Cleaner is specifically developed for the removal of grease, oil, soot and other soiling of burner parts and evaporates without residue.

### Applications

Removal of dirt and residue containing oil & grease

- On blast connections and baffle plates
- On fan wheels
- In housing interiors, ignition electrodes, etc...



## Mould Cleaner

Special cleaning agent based on highly active organic solvents.

Efficiently removes waxes, silicones, oils, non-cured residues and other impurities from plastic, steel or aluminium moulds.





## Surface Cleaner

Weicon Surface Cleaner is used for cleaning and degreasing surfaces to be bonded or joined with Weicon adhesives and sealants.

This versatile spray can be used on a variety of materials, including metal, glass, ceramic and most plastics.



### Applications

- Cleaning and degreasing of surface before bonding with Weicon adhesives.
- Cleaning and degreasing of machine parts during service works.

## Brake Cleaner

Weicon Brake Cleaner is a universal cleaner that's especially useful for automotive applications. In comparison to conventional thinners, Brake Cleaner evaporates without residue. It quickly degreases and cleans metals, glass and many plastics.



### Applications

- On Brakes (drum and disk brakes, brake linings, brake shoes, cylinders, springs and bushings)
- On clutches (clutch linings and clutch parts)
- On engine parts (carburettors, petrol and oil pumps, gears, etc...)

## Plastic Cleaner

Weicon Plastic Cleaner is the ideal solution for the cleaning and degreasing of sensitive surfaces\*.

Due to the use of aggressive cleaners, many plastics are attacked in such a way that their surface structure is changed. Stress cracks, brittleness and/or matt surfaces are the result. Such effects can even render the plastic unusable.

Due to its special formula, Plastic Cleaner prevents these types of damage. It is therefore particularly suited for surface preparation in the adhesion of sensitive plastics, rubbers or painted surfaces.

In contrast to conventional thinners, Plastic Cleaner evaporates without leaving a residue.



### Applications

Cleaning and degreasing of:

- Windows frames, roller blinds, profiles and other components made from sensitive plastics like thermoplasts (PVC, PMMA, plexiglas, polystyrene, etc...)
- Rubber materials such as seals and O rings
- Lacquered surfaces such as powder-coated metal parts
- Removal of label and sticker remains.



\*Check surface compatibility prior to use.



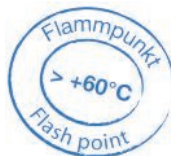
## Parts and Assembly Cleaner

Specially designed cleaner for coarse, oily and greasy soiling. Because of the long working time, Parts and Assembly Cleaner is also suitable for cleaning larger or heavily polluted surfaces.



Due to the high flash point (>60°C for the active substance) this cleaner corresponds to the former German Vbf-classification AIII and complies with the cooperative recommendations for safety at work. This is an advantage when compared to Al or All cleaners.

Parts and Assembly Cleaner is free of acetone, butanol and ethyl acetate.



### Applications

- The quick and efficient cleaning of all kinds of assembly parts, aggregates, construction parts and tools
- Removal of oils, greases and other soiling from metal parts
- In the automotive sector: cleaning brakes, clutches, motor parts and more.



## Electro Contact Cleaner

Weicon Electro Contact Cleaner is used for the fast and efficient cleaning and degreasing of soiled or corroded contacts of all kinds. The special formulation of high purity solvents removes oxide or sulphide layers, combustion residues and resinous or sooty soiling from electro-technical or mechanical parts like measuring instruments, tools, balances, switches, sensors and more.



Electro Contact Cleaner reduces voltage losses and increases the electric conductivity. Contamination that can cause tracking current is removed.

### Applications

Cleaning and degreasing of electro-technical or mechanical parts, e.g.

- Electric machines
- Measuring instruments
- Balances
- Switches
- Sensors

Also ideal for all electric connections, contacts, relays and switchboard plants.





### Visor Cleaner

Weicon Visor Cleaner is the ideal product for the cleaning and care of sensitive plastic and glass surfaces.

Impurities caused by insects, dirt, dust, grease or nicotine are carefully removed without leaving residues.

Visor Cleaner is anti-static and anti-reflective, reduces dazzling and improves vision.



#### Applications

- All kinds of visors
- Welding face shields and goggles
- Eye protection and safety glasses
- Plastic housings on CNC machines, cutting equipment, printers, scanners, etc...
- All other plastic and glass surfaces



### Compressed Air Spray

Weicon Compressed Air Spray can be used wherever dust can be removed only without making physical contact.

This easy to use spray permits dry, contact-free cleaning even in inaccessible angles and on sensitive surfaces.



#### Applications

- On hi-fi and video devices (e.g. modules, PCBs, magnetic heads, disk drives, etc...)
- For optics (e.g. cameras, lenses, etc...)
- On car fuse boxes and windscreen washers
- On clockworks
- In medical technology
- In model construction
- In measurement technology
- On electric components
- On PCBs





## TFT/LCD Screen Cleaner

Weicon TFT/LCD Screen Cleaner is the ideal product for the cleaning and care of sensitive plastic and glass surfaces. TFT/LCD Screen Cleaner effectively removes dirt, dust, grease and grime and cleans carefully without leaving a residue. Its' antistatic effect provides a dirt and dust repelling surface.

### Applications

- All kinds of thin film transistor and liquid crystal displays (e.g. computers, notebooks, TVs, mobiles, copiers, tablets, scanners, touch screens)
- Plastic casings of computers, scanners, copiers or television sets



## Multi-Foam

Weicon Multi-Foam is a universal, powerful foam cleaner. It is environmentally sound, bio-degradable and free of phosphate, formaldehyde and corrosive or caustic additives.

### Applications

- Cleans all glass, metal and plastic parts without leaving residue
- Thoroughly eliminates insects, smears and protective films
- Gently removes stains from rugs and upholstery
- Cleans and cares for all plastic and lacquered surfaces



## Sealant and Adhesive Remover

Weicon Sealant and Adhesive Remover dissolves and quickly eliminates sealant and hardened adhesive residue (as well as lacquers and paints), even on vertical surfaces.



### Applications

- Dissolves all types of sealant residues from cylinder heads, oil pans, water pumps, exhaust manifolds, valve covers and gear flanges
- Reliably removes carbon residues, paints and lacquers
- Eliminates oils, resins, greases and tar
- Used as a paint remover in wood restoration
- Removes all kinds of adhesives, even hardened cyanoacrylate and anaerobically cured adhesives

Weicon Sealant and Adhesive Remover can be used on metal, wood, glass, ceramic, polyethylene and polypropylene.

It should not be used with sensitive plastics such as PVC, synthetics, linoleum, etc...





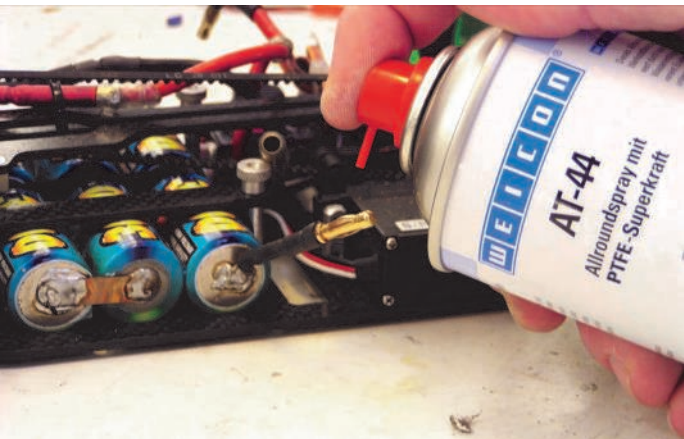
### AT-44 Allround Spray with PTFE

Weicon AT-44 Allround Spray with PTFE is used in all industrial and workshop areas. Due to its special formula and its very low coefficient of friction (a result of its high percentage of PTFE), AT-44 combines corrosion protection, cleaning, water resistance, lubrication and conservation into one versatile spray.



#### Applications

- Loosens seized screw connections, bolts, fittings and valves
- Disperses moisture from electrical lines
- Prevents leakage current and simplifies the starting of wet motors
- Eliminates the squeaking and creaking of hinges, guides, bearings, joints and couplings
- Cleans dirty surfaces and leaves behind an extremely thin film that does not smear, stick or attract dust
- Protects and cares for all kinds of tools, machines, electrical and mechanical precision instruments and keeps them functional



Weicon AT-44 is silicone-free and resists all atmospheric influences. For this reason, it is used almost unlimitedly in the workshop, automotive, navigation, electrical system, agriculture, household and DIY sectors.

### W44T Turbo Power Spray

Weicon W44T is an incredibly versatile product that covers a wide range of industrial applications.

Due to its special formulation and excellent creep properties; corrosion protection, water resistance, lubrication, preservation and cleaning are combined into one high quality product.

W44T offers good protection against atmospheric influences coupled with ease of use and highly reliable performance.



#### Applications

- Loosens seized screw connections, bolts, fittings and valves
- Penetrates and dissolves rust, disperses moisture from electrical contacts, prevents current leakage and simplifies the starting of wet motors
- Eliminates the squeaking and creaking of hinges, guides, bearings, joints and couplings
- Cleans dirty metal surfaces and leaves behind a lasting, extremely thin film that does not smear, stick or attract dust
- Protects and cares for all tools, machines, electrical and mechanical precision instruments (such as measurement tools, locks and weapons) and keeps them in good order and condition





## Silicone Spray

Weicon Silicone Spray is an ideal lubricant and separating agent for production and maintenance. This quality product also serves to preserve and protect plastic, rubber and metals.



### Applications

- Prevents the development of adhesive residue on presses and guides
- Prevents the adhesion of goods on conveyor belts, channels and slides
- Protects electrical contacts from moisture
- Cares for rubber, plastic and metal parts
- Protects rubber parts from brittleness, freezing and adhesion
- Lets sunroofs, seat rails and seatbelt rollers run smoothly

Weicon Silicone Spray creates a durable separating film that exhibits good surface properties.



## Bio-Cut

As a result of its high lubricating effect, Weicon Bio-Cut enables higher speeds and longer service lives resulting in higher tool cutting performance.



### Applications

- Drilling and turning
- Milling and reaming
- Sawing and punching
- Thread cutting of all types of steel, castings, stainless steel, copper, brass, aluminium and their alloys

Weicon Bio-Cut is free of mineral oil, water pollutant class 1\* and completely biodegradable.

\*Self classification according to German Administrative Regulation Regarding Water Pollutants.



## Bio-Fluid



Weicon Bio-Fluid is a high-purity, medical grade white oil that is free of resins and acids. It was developed especially for lubrication and care in the food, beverage, pharmaceutical and cosmetic industries.



This water-white, solvent free product has no smell or taste. It also has high creeping capability and is water resistant. It reduces friction and wear, suppresses squeaking noise, protects against corrosion and dissolves dirt and dust.

### Applications

- Lubrication, protection and care of precision mechanisms in food technology
- As a spray oil for production and filling plants in the beverage industry (e.g. for the smooth running of wine bottle corking machines and the gripper mechanisms on labelling machines)
- Can be used wherever occasional, technically unavoidable contact with food or its packaging occurs

Bio-Fluid does not attack the following plastics and elastomers: ACM, CSM, FKM, NBR, SQM/MVQ, ABS, CA, EPS, PA, PC, PE, PET, POM, PP, PPO, PTFE and PVC. In contrast, EPDM, NR and SBR are not resistant. The resistance of plastics and/or elastomers not listed here must be determined by individual tests.

Bio-Fluid corresponds to NSF (Non-food Compounds Registration Program) classification H1 for direct contact with food.

## PTFE Spray

Weicon PTFE Spray is a grease-free dry lubricant with an anti-adhesive effect that is based on polytetrafluoroethylene.



Weicon PTFE Spray adheres to all metal, plastic and wood surfaces. Due to its high PTFE content, the co-efficient of friction on treated surfaces is considerably reduced.

The coating provided by PTFE spray is resistant to dirt, dust, water, oils, greases and many chemicals. PTFE spray is used in environments between  $-180^{\circ}\text{C}$  and  $250^{\circ}\text{C}$ .

### Applications

- On slide rails and guides
- On conveyor belts, transport rollers and chutes
- On windows (tipping mechanisms, locks, hinges)
- On cutting tools and packaging machines
- As continuous lubrication for shafts in plastic bearings
- As a water resistant coating of paper and cork seals as well as in seal packaging
- Used instead of separating agent containing silicone and wherever grease lubrication is not permitted or desired





## Fitting Spray

Weicon Fitting Spray is a maintenance and care agent with good adhesive performance on all kinds of movable parts on windows, doors, gates and more. This transparent spray is free of silicones, resins, acids and solvents.



Due to its special creeping and water-resistant properties, Fitting Spray reduces friction and wear whilst simultaneously suppressing squeaky noises.

Fitting Spray is resistant to weathering and protects against corrosion whilst also loosening dirt. It is used in temperature between  $-25^{\circ}\text{C}$  and  $120^{\circ}\text{C}$ .

### Applications

Lubrication, care and maintenance of:

- Fittings on windows, doors, gates and garages
- Tilt-and-turn and shear fittings
- Hinges and locking systems



## Anti-Friction Spray with MoS<sub>2</sub>

Weicon Anti-Friction Spray MoS<sub>2</sub> forms a dust, dirt and water repelling separation layer with very good resistance to oils, greases and many chemicals. This spray can be applied on almost all metals, plastics and wood surfaces.

The high portion of MoS<sub>2</sub> provides a clean sliding lubrication, reduces friction, has excellent emergency running properties and reduces running noises.

Anti-Friction Spray MoS<sub>2</sub> shortens and improves the slide-in conditions of sliding bearings, gears and other sliding contact surfaces, especially in conditions of high pressure and low sliding speed.



### Applications

- On sliding and running rails and guides
- On conveyors belts, conveyor rollers and chutes
- As a coating for cutting tools
- On products of loading installations e.g. loading bridges, sectional gates, roller shutters, loading sheets or elevating platforms
- As an alternative to silicone-containing release agents and wherever oil or grease lubricants are not permitted or desired



### Chain and Rope Lube Spray

Weicon Chain and Rope Lube Spray is a synthetic, transparent adhesive lubricant for the permanent inside and outside lubrication of all kinds of highly stressed chains and wire cables.



Chain and Rope Lube Spray is temperature resistant from -40°C to 200°C, strongly adherent and pressure resistant, sound absorbent, water-resistant and has excellent creep properties. It also prevents elongation, friction and wear.

#### Applications

- All kinds of chains and wire cables
- Gearwheels and worm gear pairs
- Fast moving machine parts
- Joints and couplings
- Rollers and ball bearings
- Spring assemblies

Weicon Chain and Rope Lube Spray can also be used during operation in accordance with any respective safety regulations.

The following plastics and elastomers (such as O-rings in chains) are not attacked: PTFE, PE, PA, fluorine, butadiene, polychloroprene and silicone rubber. Of limited resistance are PE-LD, POM, PP and NBR.



### Adhering Grease - Extra Strong

Special lubricant and corrosion protection spray that's suited for underwater applications. This spray provides protection against aggressive liquids in maritime and wet environments.

#### Suitable for:

- Roller and slide bearings, even in mixed friction operation
- Joints, levers, slideways, spindles and splined shafts
- Open gearing (such as gear rims)
- Worm gear pairs, chains and wire cables at all slide speeds permissible for grease lubrication

#### Applications

- Shipboard cranes & lifting jacks, offshore parts
- Conductor rails and distributors
- Container and trailer equipment
- Wooden wharf fittings, parts and components



### Universal Spray-On Grease w/ MoS<sub>2</sub>

Strongly adherent and high-pressure resistant long-lasting grease with MoS<sub>2</sub>. Friction and wear are lastingly reduced.

#### Suitable for:

- Roller and slide bearings, joints, levers and slideways
- Spindles, camshafts, and splined shafts, springs
- Open gearing (such as gear rims), worm gear pairs at all slide speeds permissible for grease

#### Applications

- Roller and slide bearings in industrial and construction applications
- Articulated blocks or articulated shafts and universal joints
- Bearings and joints of rolling mills, tool, agricultural and construction machines, rail and street vehicles plus many more.



## Spray-On Grease H1



Weicon Spray-On Grease H1 is an odourless and tasteless grease that has been specially designed to meet the requirements of the food, cosmetic and pharmaceutical industries. It is particularly suited to maintenance and service works in:

- The brewery and beverage industry
- Large abattoirs, canning plants
- Coffee-roasting shops, large-scale kitchens
- Swimming pools, hotels
- Hospitals

And wherever direct contact with food cannot be excluded.

### Applications

- Filling and packing machines
  - Conveyors and sorting plants
  - Transport and storage systems
- Spray-On Grease H1 can be applied at all sliding speeds permitting of grease lubrication. Complies with NSF H1 LMBG §31 and §21.

## Spray-On Grease White

Weicon Spray-On Grease White is a multipurpose spray grease for highly stressed parts. Due to additives that reduce wear and protect against corrosion, a temperature stability of 20°C to 150°C is achieved in conjunction with a long service life.

### Applications

- Long-term lubrication of rods and gearwheels
- Roller and ball bearings
- Hinges and guides
- All kinds of joints and couplings

Long-term lubrication is achieved even in tight spaces. Weicon Spray-On Grease White is strongly adherent and used in almost all areas of industry. In contrast to transparent products, this spray also enables visual control at any time.



## Top-Lub

Weicon Top-Lub is a transparent, adhesive lubricant used for the permanent lubrication of all kinds of highly stressed mechanical parts.



### Applications

- Load-transferring bolts
- Gearwheels and worm gear pairs
- Fast-moving machine parts
- Joints and couplings
- Rollers and ball bearings
- Spring assemblies

Weicon Top-Lub can also be used during operation when permitted under relevant safety regulations.

A synthetic lubricant, Weicon Top-Lub is used in -40°C to 200°C environments and particularly adherent and pressure resistant. It is water-repellent and has excellent creeping properties.

The following plastics and elastomers are not attacked: PTFE, PE, PA, fluorine, butadiene, polychloroprene and silicone rubber. Of limited resistance are PE-LD, POM, PP and NBR.



### Anti-Seize

#### High Performance Assembly Sprays

Weicon Anti-Seize is used in the assembly of screw connections to greatly simplify disassembly. As well as reducing damage to threads these high quality products also offer safe protection against corrosion, seizing and wear.



Due to the special formulation and the very fine grinding of the solids contained in Weicon Anti-Seize, irregularities in the surface to be protected (even to a thickness of only 12 µm) are completely filled. Only a perfectly sealed surface guarantees reliable protection against corrosion.

Weicon Anti-Seize provides protection against:

- Corrosion, seizing and wear
- Stick-slip phenomena
- Oxidation and fretting corrosion
- Electrolytic reactions (“cold welding”)

Weicon Anti-Seize is free of sulphurous additives and halogens, displays good adherence and abrasion resistance and exhibits good tolerance to hot, cold and salt water. The extremely low coefficient of friction also permits easy disassembly of machines and installations.

In addition, Weicon Anti-Seize Assembly Sprays are excellent lubricants for statically high-stressed parts and for slowly rotating installations, as long as relevant re-lubrication intervals are observed.

More information on the different grades and types of Weicon Anti-Seize is available from your local AG.

### Anti-Seize

#### Assembly Spray ASA 100 & ASA 400

Weicon Anti-Seize Standard Grade consists of selected, finely ground, metallic solid lubricants and a high quality synthetic oil mixture. This combination has been proven worldwide for decades in a number of applications with steel, iron or cast iron in all industrial areas.

#### Properties:

- Temperature Range: -180°C to 1,200°C
- Colour: Charcoal Grey
- Basic Oil: Synthetic Oil Mixture
- Solid Lubricants: Various Metallic Powders
- NLGI Class: 1
- Corresponds to MIL 907 D



### Anti-Seize “High-Tech”



#### Assembly Spray ASW 400

Weicon Anti-Seize “High-Tech” is metal-free\* and can be used with any material. With certain material combinations it also offers optimum protection against electrolytic reactions (cold welding).

Anti-Seize “High-Tech” is particularly suitable if:

- Metalliferous pastes could cause electrolytic reactions
- Nickeliferous products should not be used for health reasons
- Dark, Metalliferous products should not be used for optical reasons

#### Properties:

- Temperature Range: -40°C to 1,400°C
- Colour: White
- Basic Oil: Medicinal White Oil
- Solid Lubricants: Minerals
- NLGI Class: 0-1
- Corresponds to MIL 907 D

\*below 0.1%



## Rust Loosener and Contact Spray

Weicon Rust Loosener and Contact Spray is indispensable for repair, servicing and maintenance due to its six-fold function:

### Rust Loosener and Contact Spray

- Loosens rusts and sluggish parts, screws, connections, bolts, joints and hinges
- Disperses water from ignition systems
- Secures the function of mechanical parts and contacts (e.g. distributor caps and spark plugs)
- Provides permanent protection against corrosion and oxidation
- Lasting lubrication of sliding surfaces
- Cares for and cleans metal surfaces, metal parts and electrical equipment

Due to its excellent creeping properties, Weicon Rust Loosener and Contact Spray penetrates very small spaces. With the three-way spray valve, work is possible in any position (even overhead).

### Applications

- General repair and maintenance
- Construction and agricultural machines
- Transportation industry
- Oil industry
- Household maintenance



## Rust-Shock

Weicon Rust-Shock, the “chemical wrench,” loosens all kinds of rusted screw connections and works within seconds due to its special two-fold function.

- The special composition of the spray generates a “chill effect” on the corroded work piece. Rust-Shock penetrates into the small space created by this cold shrinking due to its high capillary effect.
- Rust-Shock loosens the rust crystals in seconds and neutralises the connection between rust layers.



### Applications

- Car servicing and repair
- Construction and agricultural machines
- Navigation
- Oil industry
- Power plants and chemical industry
- Heavy engineering and mining

Weicon Rust-Shock is free of mineral oil, silicone, and grease and thus works without leaving residue or trace. Treated spots can be painted over after just a few minutes.



## Welding Protection Spray



Weicon Welding Protection Spray (silicone-free) is used to clean welding nozzles and to keep them clean. At the same time, it protects the work piece to be welded against the effect of weld splashes without impairing the welding seam.



### Applications

- Prevents the adhesion of welding splashes on gas jets and work piece surfaces
- Offers full-surface protection during welding
- Post-work cleaning of the work pieces with spatula, brush or chisel is not required.
- Post-treatment of work pieces (e.g. bronzing, galvanising, anodising or painting) is possible without special cleaning. Excess residues of Welding Protection Spray can be removed with Weicon Cleaner S.

Welding Protection Spray has been tested by the Welding Institute in Hannover, Germany.

## Mould Release Agent

Weicon Mould Release Agent is a silicone-free lubricant and release spray. The high quality combination of pure, natural products provides a high lubricating effect and prevents adhesion to plastics, moulds metals and tools.

### Applications

In plastics processing (e.g.):

- Injection moulding
- Compression and vacuum moulding

Weicon Mould Release Agent is free of PCB, CFCs and formaldehyde.

## Alu-Grinding Protection

Weicon Alu-Grinding Protection works like a cooling lubricant and separating agent during the grinding process. It lowers the temperature at the contact point and forms a silicone-free, anti-adhesive layer on the abrasion material.

This quality spray can be used on all abrasive material foundation such as fibre wheels, sheeting, endless grinding bands, abrasive sleeves, orbital sanders and specialised machines.



Alu-Grinding Protection prevents clogging and allows the pores of the abrasive material to remain wide open.

The service life of a grinding wheel amount to only about 30 minutes when processing aluminium under normal operating conditions. With Weicon Alu-Grinding

Protection, the service life is extended considerably and the removal capacity can be increased by up to 350%.





## Label Remover *With Special Spatula*

For the fast and easy removal of paper labels and adhesive residues.

Stickers and labels can often only be removed with difficulty. The dissolving power of conventional cleaning agents is often not sufficient while mechanical removal may damage the surface.

Weicon Label Remover removes labels and residues of acrylate and caoutchouc based pressure-sensitive adhesives safely and without hassle.

Weicon Label Remover is suited to use on many surfaces such as glass, metal, wood, foils and plastics\*.



### Applications

- Easy and safe removal of adhesive labels
- Removes price tags
- Removes address and product stickers
- Removes marking labels (e.g. from shelves, containers, drawers and machines)
- Removes label residues
- Removes adhesive residues from foil labels



\*Before use, check surface compatibility.

## Chewing Gum Remover *With Special Spatula*

Weicon Chewing Gum Remover removes old chewing gum or modelling clay residues.

Gum or clay residues sprayed with Chewing Gum Remover will be frozen and can be detached immediately without damaging textiles or floor coatings.



### Applications

Removal of chewing gum or clay residues from:

- Upholstered furniture
- Bus seats
- School seats and tables
- All kinds of textile floor coatings
- Elastic and rigid floor coatings made of wood, stone, PVC, linoleum, etc...



### Stainless Steel Care Spray

Weicon Stainless Steel Care Spray was developed especially for the cleaning, care and protection of matt and polished stainless steel surfaces indoors and outdoors. This spray has an anti-static effect.

#### Applications

- Removes and prevents fingerprints
- Removes grease films from exhaust hoods
- Cleans large surface without streaks
- Leaves behind a lasting water repellent protective film
- Prevents dirt from sticking to surfaces again



### Metal-Fluid

A highly effective spray for the care, protection and cleaning of matt and polished metal surfaces such as stainless steel, aluminium, chromium and other non-ferrous metals.

#### Properties

- Preventative protection of new metal parts
- Leaves behind a hand-dry, glossy protective film
- Free of silicone, oil and solvents
- Odourless
- Antistatic effect

Weicon Metal-Fluid is NSF registered. This quality spray does not attack etched or printed markings, plastic surfaces or rubber seals.



### Cockpit Spray

Cockpit Spray is a water-repellent cleaning agent used on all plastic and rubber parts. The lasting, invisible protective film prevents soiling and creates an easy-care, dust resistant, silky shine.



#### Applications

- Eliminates squeaking and creaking noises
- Cares for dashboards, inside cladding, all plastic and rubber parts, leather, wood and chromium (as well as the synthetic leather on car roofs)
- Prevents the freezing of door, window and boot seals
- Used as a lubricant for safety belts, seat guides, skylights, window guides, locks and wherever grease causes soiling.

Weicon Cockpit Spray refreshes dull and weathered plastic. Rubber does not crack but remains supple and elastic.

### Hand Protective Foam

#### *With Liposomes*

Weicon Hand Protective Foam forms a greaseless, invisible and water resistant protective film that stops various kinds of soiling from penetrating the skin and pores.



The “invisible glove” protects against hazardous substances and irritants from aggressive chemicals whilst the addition of Liposomes enhances this products care effect.



## Weicon Adhesive Sprays

Weicon Adhesive Sprays are clean, quick and easy-to-use adhesives. They are particularly suitable for large-surface bonding of light materials in craft, model-making, DIY, hobby and domestic applications.

Available in three grades to suit different applications, these sprays offer convenient, reliable performance.



## Adhesive Spray

For bonding light materials to themselves and among each other.

### Applications

- Bonding of paper, cardboard, paperboard, wood, thin veneers, cork, leather, textiles and felt
- Flexible foam plastics (e.g. moltoprene)
- Rubber and expanded rubber
- Plastic foils (except PVC and polyethylene)
- Especially suitable for rigid expanded plastics\* (e.g. polystyrene)

\*For some materials, compatibility should be checked prior to use.



## Adhesive Spray For Detachable Joints

Designed specifically for creating bonds that must be detachable and/or adjustable. Colourless and doesn't strike through or create a wavy surface when applied to thin materials.

### Applications

- Fixing of templates, promotion boards, posters, photographs, decorations, layouts and technical drawings
- Paper, carbon and foils can be bonded to themselves and among one another.

Creates a detachable joint when applied to one face. A permanent joint can be achieved by applying to both material faces.



## Adhesive Spray Extra Strong

A special type for permanent and strong bonding on rough and uneven surfaces. A special valve allows small, medium or large adhesive quantities to be sprayed.

### Applications

For bonding the surfaces of:

- Felt, PVC foil, imitation leather, carpets
- Plastics and paper
- Foam and sponge rubber
- Insulation material, flexible foam plastics
- Vinyl, leather, rubber, metal and wood



### Freeze Spray

Weicon Freeze Spray has many uses including fault finding in electronics as well as repair and maintenance in industrial applications.



Weicon Freeze Spray quickly cools parts down to  $-45^{\circ}\text{C}$  and allows pin-pointed chilling of even the smallest parts. Freeze Spray is non-conductive and is suitable for almost any material (except plastics).

#### Applications

- Fitting of assembly pieces made of metal (e.g. ball bearings, chain links, shafts)
- Identification of thermal overloading faults in electrical circuits
- Field maintenance and motor repairs

### Contact Spray

Weicon Contact Spray is based on a special combination of active ingredients for the car and protection of electrical contacts and components. It dispels moisture, prevents leakage current and voltage loss and keeps contacts, fuses, cable connection free of oxidation and sulphide deposits.



### Leak Detection Spray



Designed for the fast, easy and reliable location of leaks, cracks or porous spots in pressurised pipes or tanks. Weicon Leak Detection Spray is non-flammable, anti-corrosive, kind to the skin and DIN-DVGW tested.



#### Applications

- Wherever compressed air, natural gas or liquid gas is processed or piped
- Wherever leaks appear on fittings, threaded joints and connections
- For increased safety on pneumatic brakes and gas lines

Weicon Leak Detection Spray does not form any hazardous compounds in contact with carbon dioxide, oxygen, propane, butane, acetylene, city gas or natural gas.

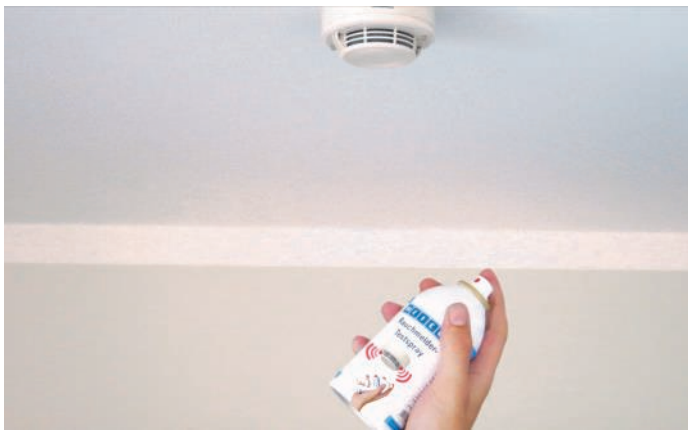
This high quality spray is used in temperatures between  $0^{\circ}\text{C}$  and  $50^{\circ}\text{C}$ . Use is as simple as spraying the area to be tested and watching to see if any bubbles form (which indicates a leak). This highly sensitive product has been specially formulated so that even the smallest leakages can be detected.



## Smoke Detector Test Spray

Weicon Smoke Detector Test Spray is a high quality aerosol specifically designed for the reliable testing of both optical and photoelectrical smoke detecting devices.

For effective smoke detector testing, pushing the test button is not enough. This often just connects the buzzer with the battery and therefore only the buzzer, battery and indicator light are tested. Smoke detector test spray tests the whole unit and therefore provides greater peace of mind and safety.



Smoke Detector Test Spray is silicone-free and colourless. It evaporates without leaving any residue so that the smoke detecting unit is left clean and uncontaminated (a major difference between this product and many types of smoke-in-a-can).

### Characteristics:

- Safe and easy to use
- Gentle on electronic instruments
- Evaporates without leaving residues
- Free of silicone
- One 250ml can lasts for up to 150 applications



## Starter Spray

Weicon Starter Spray is the perfect starting aid for all kinds of combustion engines. The special combination of active ingredients enables reliable cold starting and is gentle to both engines and batteries.

Weicon Starter Spray is easy to use and extremely economical. It is used on both diesel and petrol engines (with or without catalyst) and is the ideal aid for starting motors in low temperatures, damp weather or after a prolonged period of engine downtime.



### Applications

- Motor vehicles, construction and agricultural machines
- Two stroke engines (e.g. chain saws, lawn mowers and hedge trimmers)
- Boat engines (e.g. 2-stroke and 4-stroke outboards and built-in engines)
- Two wheeled vehicles (both motorcycles and scooters).



### Technical Liquids



For applications where heavy use is expected or where spray application is not viable, AG is proud to offer a comprehensive range of technical liquids. This range includes many of the same high quality products introduced under the Technical Sprays heading, with each offering the same high quality performance, as well as the increased versatility of having the product available in liquid form.

Almost all of AG's Cleaning & Degreasing, Dissolving & Separating, Lubrication, Care and Maintenance sprays are also available in liquid form meaning that you can choose the best form for your application. In addition to these, we also offer a comprehensive range of Metal Pigment Coatings designed to offer many of the same benefits as our Surface and Corrosion Protection sprays.

### WSD 400 Pressurised Air Can

WSD 400 is a refillable spray can that can be used to apply most Weicon Technical Liquids. This simple to use product is filled with compressed air using an adapter (accessory) via the compressed air mains.

#### Benefits

- Safe and easy to use
- Environmentally friendly as a result of a lack of packaging and reusability
- Only the pure substance is sprayed
- Quick to re-fill
- Allows you to take advantage of the economies associated with bulk liquid purchases.

In addition to the WSD 400 can, AG also offers the main air line adapter and a spray set with four different spray valves, a ball valve and dip tube.



### WPS 1500 Pump Dispenser

WPS 1500 is a refillable pump dispenser designed for the simple application of many of our Weicon Technical Liquids. This dispenser incorporates a piston rod which is used to build up pressure in the container and an integrated safety valve which opens as soon as the maximum operating pressure (4 BAR) has been reached.

Pressing the spray button triggers an even, constant discharge of the liquid. By turning the nozzle, the spray rate and patten can be customised to suit the application.



WPS 1500 is available from AG along with accessories which include a plastic extension nozzle and additional seal sets.



### Weicon Contact Adhesives (Super Glue)

The Weicon range of cyanoacrylate contact adhesives allow you to create quick, strong and permanent bonds. The specially designed applicator pens allow highly accurate dosing while the high quality results in reliable performance. Whether you require high temperature resistance, food grade certification, fast bond time or the ability to bond anti-adhesive materials (such as PTFE), our comprehensive range contains the adhesive you need.



### Weiconlock Anaerobic Adhesives

This range of high quality adhesives are specially formulated to only cure when in contact with metal whilst without being exposed to the air. With grades designed for everything from threadlocking, the sealing of threaded pipes, cylindrical assemblies, fittings and gasketing Weiconlock Adhesives are a versatile assembly tool. A variety of different grades are available each with their own temperature, viscosity, strength and other characteristics.



### Weicon Elastic, Epoxy and Structural Adhesives

With a wide range of adhesive types available for different material, bond time, temperature, adhesive strength and viscosity requirements the Weicon brand of adhesives has all common industrial applications covered. These high quality adhesives are trusted around the world for demanding bonding applications and represent a versatile and cost effective alternative to other forms of fastening.



### Weicon Lubricants

The Weicon range of lubricating compounds includes our Weicon All-Round Lubricants and Weicon Anti-Seize. Both forms are high quality, specially engineered industrial lubricants designed for long lasting performance in demanding environments. For more information on the variety of different lubricating compounds available, or assistance in determining the best selection for your application, please contact your local AG branch.



### Weicon Repair Sticks

Perfect for making quick, easy and permanent repairs to a variety of different material types and objects, Weicon Repair Sticks are the ultimate convenient maintenance product. With their unique design, using one is as simple as slicing, kneading and applying. Available styles include Plastic, Concrete, Steel, Stainless Steel, Wood, Aluminium and Copper as well as the high temperature Titanium grade and our Aqua grade for underwater repairs.



### Weicon Plastic Metal

The Weicon range of Plastic Metal compounds are two-part epoxy resin systems that are ideal for fast, cost effective and durable repairs or coatings to a variety of different materials. Used in all areas of industry, these quality compounds cure at room temperature into a metal-like material that adhere to almost every kind of surface.





Associated Gaskets



[www.weicon.com](http://www.weicon.com)

For more details on any of the enormous variety of products, services and solutions offered at AG

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