

# STALOC®

GOLDEN STAR QUALITY



PRODUCT CATALOGUE

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- STALOC has been an established partner of the European industry for more than 35 years
- STALOC is the biggest Austrian brand of anaerobic products
- Sales partners in 25 countries all over Europe ensure a quick service and product availability
- First class, OEM-approved quality of the extensive product and service range
- Profound experience as a partner for solving complex tasks in the technical chemical industry
- Outstanding flexibility and seamless availability of our products

STALOC is a specialist for the following products:



**ANAEROBIC PRODUCTS**



**SPECIAL SEALANTS**



**INSTANT ADHESIVES**



**METAL EPOXIES**



**STRUCTURAL ADHESIVES**



**CORROSION INHIBITORS**



**HYBRID ADHESIVES**



**TECHNICAL AEROSOLS**



**STALOC is a partner of industrial producers, trade and racing.**



## STALOC® anaerobic adhesives (metal adhesives)

STALOC anaerobic adhesives are used in many industrial sectors such as in mechanical and plant engineering, maintenance repair operations (MRO), and in military and space applications.

STALOC anaerobic adhesives and sealants reliably glue and seal metal components for a wide range of applications.

STALOC anaerobic products harden between metal surfaces when oxygen is extracted. The reliable connection prevents costly damage to the materials and loosening caused by e.g. vibration and jolting.

Selecting the right type:

- reduces production costs
- prevents leakage
- increases product reliability
- prevents breakaway
- ensures ability to be disassembled where necessary

STALOC anaerobic adhesives are available in a large range of strengths and viscosities. A list of STALOC anaerobic adhesives and their properties can be found below:



### 2S22 Threadlocker, low-strength

- Colour: purple
- Easy to remove
- For bolted assemblies with fine and long threading

### 2S41 Threadlocker, medium-strength

- Colour: blue
- Can be removed using hand tools
- For small diameter bolts

### 2S42 Threadlocker, medium-strength

- Colour: blue
- Can be removed using hand tools
- Good chemical resistance

NSF

### 2S43 Threadlocker, medium-strength

(certified according to DIN EN 751-1)

- Colour: blue
- Can be removed using hand tools
- Good chemical resistance (tolerates slight oil contamination)

NSF

### 2S45 Threadlocker, medium-strength

- Colour: blue
- Can be removed using hand tools
- Very well suited for large diameter bolts

NSF

### 2S62 Threadlocker, high-strength

- Colour: red
- Difficult to remove
- Provides a lubricating effect when in liquid form

NSF

### 2S70 Threadlocker, high-strength

- Colour: green
- Difficult to remove
- Used to secure threads that will not need to be loosened

NSF

### 2S71 Threadlocker, high-strength

- Colour: red
- Difficult to remove
- For threads subject to vibrations

NSF

### 2S72 Threadlocker, high-strength

- Colour: red
- Difficult to remove and high temperature resistance
- For threads subject to extreme loads

### 2S75 Threadlocker, high-strength

- Colour: red
- Difficult to remove and high temperature resistance
- Very well suited for large diameter bolts

### 2S77 Threadlocker, high-strength

- Colour: red
- Difficult to remove and high temperature resistance
- Good chemical resistance

NSF

### 2S90 Threadlocker, medium-strength / capillary

- Colour: green
- Secures and seals reliably
- Suited for subsequent securing

Type	Application	Certification	Viscosity	Gap	Thread	Temperature resist. [°C]	Colour
2S22	Threadlocker, low-strength		800-1,400	0.20	M24	-55 to +150	purple
2S41	Threadlocker, medium-strength		125	0.10	M12	-55 to +150	blue
2S42	Threadlocker, medium-strength	NSF	1,700-9,000	0.20	M24	-55 to +150	blue
2S43	Threadlocker, medium-strength	NSF	1,700-9,000	0.25	M36	-55 to +200	blue
2S45	Threadlocker, medium-strength	NSF	6,000-30,000	0.30	M80	-55 to +150	blue
2S62	Threadlocker, high-strength	NSF	1,500-8,600	0.25	M36	-55 to +150	red
2S70	Threadlocker, high-strength	NSF	500	0.15	M20	-55 to +200	green
2S71	Threadlocker, high-strength	NSF	500	0.15	M20	-55 to +150	red
2S72	Threadlocker, high-strength, highly temperature resistant		5,000-28,000 thix.	0.30	M56	-55 to +230	red
2S75	Threadlocker, high-strength, highly temperature resistant		5,000-28,000 thix.	0.30	M56	-55 to +230	red
2S77	Threadlocker, high-strength	NSF	5,000 - 7,000	0.30	M56 / R 2"	-55 to +150	red
2S90	Threadlocker, medium-strength, capillary		10-20	0.07	M5 capillary	-55 to +150	green

## 5S11 Pipe thread sealant, low-strength

- Colour: white
- With PTFE / approval in accordance with DVGW (DIN 751-1)
- Used to seal tapered / cylindrical pipe fittings

NSF

## 5S42 Hydraulic sealant, medium-strength

- Colour: brown
- Excellent chemical resistance
- Used to seal pneumatic and hydraulic fittings

## 5S72 Pipe thread sealant, low-strength

- Colour: white
- With PTFE / resistant to chemicals / approved according to DVGW (DIN 751-1)
- Used to seal tapered / cylindrical pipe fittings

NSF

## 5S77 Pipe thread sealant, medium-strength

- Colour: yellow
- Resistant to natural gas / approval in accordance with DVGW (DIN 751-1)
- Very well suited for chrome steel fittings

NSF

## 5S86 Pipe thread sealant, high-strength

- Colour: red
- Suitable for coarse threading
- Excellent chemical resistance

NSF



Type	Application	Certification	Viscosity	Gap	Thread	Temp. resist. [°C]	Colour
5S11	Pipe thread sealant, low-strength	NSF	17,000 - 50,000 tx	0.30	R 2"	-55 to +150	white
5S42	Hydraulic and pneumatic sealant, medium-strength		500 - 600	0.15	M20 / R ¾"	-55 to +150	brown
5S72	Pipe thread sealant, low-strength	NSF	17,000 - 50,000 tx	0.35	R 3"	-55 to +150	white
5S77	Pipe thread sealant, medium-strength	NSF	20,000 - 70,000 tx	0.30	M80 / R 3"	-55 to +150	yellow
5S86	Pipe thread sealant, high-strength	NSF	5,000 - 7,000 tx	0.30	M56 / R 2"	-55 to +150	red



## 5S10 Surface sealant, heat resistant and high-strength

- Colour: red
- Used to seal pumps, gearboxes, etc.
- Highly resistant to water, gas, LPG, oil and technical grade chemicals

NSF

## 5S18 Surface sealant, flexible, medium-strength

- Colour: red
- Used to seal dimensionally stable flange connections / immediately forms a low pressure resistant seal
- Highly resistant to water, gas, LPG, oil and technical grade chemicals

## 5S73 Surface sealant, low-strength

- Colour: green
- Used to seal flanges and surfaces
- Low-strength ensures that parts can be easily disassembled

NSF

## 5S74 Surface sealant, medium-strength

- Colour: orange
- Used to seal flanges and surfaces
- The medium-strength ensures that parts can be disassembled using hand tools

NSF

Type	Application	Certification	Viscosity	Gap	Thread	Temp. resist. [°C]	Colour
5S10	Surface sealant, high-strength, heat resistant	NSF	50,000 - 300,000 tx	0.50	---	-55 to +200	red
5S18	Surface sealant, medium-strength / flexible		70,000 - 600,000 tx	0.50	---	-55 to +180	red
5S73	Surface sealant, low-strength	NSF	17,000 - 60,000 tx	0.30	---	-55 to +150	green
5S74	Surface sealant, medium-strength	NSF	28,000 - 100,000 tx	0.50	---	-55 to +150	orange



**6S03 Retaining compound, high-strength**

- Colour: green
- Used to secure bearings, bushings and sleeves in as-delivered condition
- Hardens well at low temperatures and with passive metal surfaces



**6S20 Retaining compound, high-strength, heat resistant**

- Colour: green
- Extremely high temperature resistance
- Used to secure cylindrical parts in the push fitting / also very well suited as a pipe thread sealant

**6S38 Retaining compound, high-strength**

- Colour: green
- Used to secure toothed wheels, belt pulleys, rotary shaft connections, etc.
- For the highest structural shear loading



**6S40 Retaining compound, heat resistant and high-strength**

- Colour: green
- Product hardens slowly / temperature resistant
- Used to secure cylindrical press or shrink fitted components

**6S41 Retaining compound, medium-strength**

- Colour: yellow
- Used to secure bearings in bushings and wheels on shafts
- Replaces mechanical seals such as fitted keys or cotters

**6S48 Retaining compounds, high-strength**

- Colour: green
- Used to secure cylindrical retaining compounds with high chemical resistance
- Product hardens quickly and is heat resistant



Type	Application	Certification	Viscosity	Gap	Thread	Temp. resist. [°C]	Colour
6S03	Retaining compound, high-strength	NSF	125	0.10	M12	-55 to +150	green
6S20	Retaining compound, high-strength, highly temperature resistant		5,000 - 35,000 tx	0.30	M56	-55 to +230	green
6S38	Retaining compound, high-strength	NSF	2,600 - 3,100	0.25	M36	-55 to +150	green
6S40	Retaining compound, high-strength, highly temperature resistant		600	0.15	M20	-55 to +175	green
6S41	Retaining compound, medium-strength		550	0.12	M20	-55 to +150	yellow
6S48	Retaining compound, high-strength, highly temperature resistant	NSF	500	0.15	M20	-55 to +175	green



**Activator for anaerobic adhesives**

- Colour: green
- Recommended especially for inert materials (e.g. stainless steel or aluminium) or large gaps
- Accelerates the hardening of STALOC anaerobic adhesives (threadlockers, retaining compounds, surface sealants and pipe thread sealants)



## STALOC® instant adhesives (cyanoacrylate adhesives)

STALOC instant adhesives are single-component, solvent-free, high-performance, fast-acting adhesives for industrial production and maintenance. Hardening in seconds, excellent resistance to damp climates, high impact strength and flexibility are properties that clearly distinguish STALOC instant adhesives from products available from competitors. STALOC instant adhesives are used mainly to bond metals, plastics, elastomers, wood, stone and ceramics. The temperature range that STALOC instant adhesives can be used is between -30 and +80°C, for special types even between -55 and +135°C.

### 4S01 Instant adhesive, universal

- Colour: transparent
- Fast hardening universal type
- Very extensive range of applications



### 4S06 Instant adhesive, elastomer

- Colour: transparent
- Extremely fast hardening universal type for a wide range of applications
- With STALOC primer, bonds even hard-to-bond plastics such as PE, PP, silicone and PTFE



### 4S15 Instant adhesive, plastic

- Colour: transparent
- Because of its viscosity, the product is also suited for bonding porous materials
- Ideal for bonding plastic and wood

### 4S38 Instant adhesive

- Colour: black
- Especially for applications subject to thermal and mechanical cyclic stressing
- High temperature, impact and peel resistance

### 4S54 Instant adhesive, gel

- Colour: transparent
- Outstanding gap bridging
- Does not run / can be worked with overhead

### 4S60 Instant adhesive, odourless

- Colour: transparent
- Ideal for plastic, metal and elastomers
- Does not bloom (no white edges)

### 4S80 Instant adhesive

- Colour: black
- Especially for applications subject to thermal and mechanical cyclic stressing
- High impact and peel resistance even under dynamic loading

### 4S95 Instant adhesive, universal

- Colour: transparent
- Extremely fast hardening universal type

### 4S96 Instant adhesive, metal

- Colour: transparent
- Provides the highest strength on pure metal-metal connections
- Very resistant to peel forces, temperatures and vibrations

### 4S99 Instant adhesive, hi-temp

- Colour: transparent
- Very high impact, peel and temperature resistance
- Excellent water resistance

Type	Properties	Viscosity [mPas]	Application temp. [°C]	Cert.	Alu	SBR	EPDM
4S01 universal	Fast bonding universal type	100	-30 to +80	NSF	50	3	5
4S06 elastomer	Fast bonding universal type	30	-30 to +80	NSF	70	5	7
4S15 plastic	Ideal for bonding plastic and wood	900-1,400	-30 to +80		65	8	12
4S38 black	Special type for thermal and mechanical cyclic stressing. High impact and peel resistance.	400	-55 to +120		30	12	15
4S54 gel	Outstanding gap bridging. Does not run off.	50,000	-60 to +80		100	40	40
4S60 odourless	Leaves no adhesive residues	80	-30 to +100		100	8	6
4S80 black	Special type for thermal and mechanical cyclic stressing. High impact and peel resistance.	400	-55 to +120		30	12	15
4S95 universal	Fast bonding universal type	30	-30 to +80		70	5	7
4S96 metall	Provides for the highest strength on pure metal-metal connections	500	-55 to +105		35	-	-
4S99 hi-temp	6 times higher impact resistance and 10 times higher peel resistance than conventional CA adhesives. Very high tensile shear strength (240 kg/cm <sup>2</sup> for steel-steel connections).	3,000	-55 to +135		40	30	30

### Activator for instant adhesives

- Colour: transparent
- Used to activate STALOC instant adhesives
- Hardening of the adhesive is significantly accelerated, especially with large layer thicknesses, inactive materials and unfavourable processing conditions

### Primer for instant adhesives

- Colour: transparent
- Enables bonding of polyolefins (PE, PP), EPDM, PTFE, silicone and other materials that are difficult to bond
- Is recommended especially in combination with STALOC 4S06 instant adhesive

## STALOC® silicone sealants

STALOC silicone sealants are high-quality, single-component RTV sealants, which demonstrate first-class resistance to cold, heat and ageing. Because they are easy to use and economic, STALOC silicone sealants are used in the steel industry, mechanical and plant engineering, engine production, electrical engineering and in the automotive industry. STALOC silicone sealants are available in the following variants:



### Silicone sealant, oil resistant

- Colour: black
- Elastic with high adhesion, can therefore absorb dynamic loading such as impacts and vibration
- For use in engine and transmission manufacturing as well as in petrochemistry
- Temperature resistance from -50°C to +250°C



### Silicone sealant, transparent

- Colour: transparent
- High-quality elastic sealing compound for universal applications
- Temperature resistance from -50°C bis +250°C



### Silicone sealant, high temperature

- Colour: red
- Elastic with high adhesion, can therefore absorb dynamic loading such as impacts and vibration
- For use in heating, engine and generator manufacturing
- Temperature resistance from -50°C to +300°C



### High performance silicone sealant

- colour: grey
- oxim-based
- low odour
- oil- and temperature resistant
- used to seal engines and cases in automotive engineering
- Temperature resistance from -60°C bis +260°C



### Permanently plastic sealant DPDM 3000

- Colour: red
- For sealing engines and bodies, in production and industrial engineering
- Excellent chemical resistance, especially against most synthetic oils, lubricants, gasoline, additives, gases, water, frost protection, etc.
- Temperature resistance from -55°C to +270°C (short term up to +300°C)
- Maximum gap filling of 0.2mm
- Closed container can be stored without losing chemical properties

## STALOC® MS Hybrid adhesives and sealants

STALOC MS Hybrid combines the performance of an adhesive and a sealant. STALOC MS Hybrid is suitable for making elastic constructive joints, which require a high strength.

STALOC MS Hybrid is based on Silyl Modified Polymer (SMP).

### Product features

- Solvent-, isocyanate-, phthalate- and PVC-free
- Very good resistance against UV-radiation, salt water, mildew, chlorine and ageing
- Permanently elastic within temperatures from -40°C till +100°C
- Perfectly suitable for bonding natural stone (does not leave residues or area pollution)
- Neutral, odourless and fast curing
- Paint compatible with most industrial paint- or lacquer systems, both alkyd resin and dispersion based (due to the large scale of different types of industrial paints a paint compatibility test is recommended)
- Paintable after skin forming (wet on wet); this will not influence the curing speed

### Areas of application

- Elastic bondings and sealings in e.g. bus-, caravan-, train- and truck construction
- Bonding and sealing of sunroof systems
- Bonding of roofs on busses, trains, trucks
- Bonding of corner profiles of aluminium or polyester on trailers
- Bonding of polyester parts on metal frames
- Bonding of floor systems
- Sealing welded seams
- Bonds stone (not porous), cement, mirror, natural stone, cast, polycarbonate, PSPU, PVC, several synthetic materials, ceramic flags, enamel, copper, lead, zinc, aluminium, stainless steel, painted surfaces, wood, glass, polystyrene, etc.



### MS Hybrid adhesives

- Colour: black / white / grey / transparent
- First-class adhesive and sealant with extremely high adhesion
- Free of solvents, isocyanates or PVCs
- Excellent UV- and ageing resistance
- Permanently elastic in a temperature range from -40°C to +100°C
- Can be coated with most industrial coating or paint systems
- Bonds virtually all materials



### MS Hybrid plus

- Ideal assembly adhesive with extremely high initial adhesion
- Excellent UV- and ageing resistance
- Bonds metal, wood, plastics, concrete, stone, tiles, cast, PVC, polycarbonate, steel, aluminum, copper, lead, zinc and glass



### MS Power Hybrid

- Revolutionary 2-component adhesive system for industrial production
- Excellent chemical resistance and UV resistance
- Weather proof and ageing resistant
- Reduces cost by increasing efficiency during production process
- Offers a combination of very high adhesion and short curing time without primer

## STALOC® HP Flex construction adhesives

STALOC HPFLEX construction adhesive is a revolutionary adhesive with excellent elongation properties and curing speed. It is suitable for all bonding processes that require a result with high performance and reliability, even under challenging circumstances. The special composition of the product and the high temperature resistance allow for powder coating of the adhesive bond.

This ensures, that the product is perfectly suitable for the automotive industry, engineering and construction as well as assembly processes. The product characteristics ensure that the product is perfectly suitable for metal-, glass- and storefront construction, the marine industry as well as the assembly of facilities for green energy (solar energy plants and wind power stations).



### HP Flex construction adhesive

- impressive adhesion and high elasticity
- excellent UV- and ageing resistance
- resistant against water, saltwater, acids, bases and various oils and chemicals
- suitable for varnishing and powder coating processes
- odourless
- smoke- and fireproof following standards NF F 16-101 and STM-S 001



### HP Flex PLUS construction adhesive

- extremely high grab and quick curing, whilst maintaining high elasticity
- excellent UV- and ageing resistance
- resistant against water, saltwater, acids, bases and various oils and chemicals
- suitable for varnishing and powder coating processes
- odourless
- smoke- and fireproof following standards NF F 16-101 and STM-S 001



### Power Flex 2K

- With its quick and uniform hardening mechanism POWERFLEX 2K provides for a high process stability and is suitable for manufacturing processes with low working cycles
- It revolutionizes existing workflows by eliminating waiting periods or intermediate warehousing (especially when it comes to large parts, that need to be handled)
- Reduces cost by increasing efficiency during production process
- Meets strict health and safety conditions as well as laws, European directives and standards regarding environmental protection
- good initial tack
- no smell, therefore perfectly suited for non-ventilated areas and series assembly processes
- very good chemical resistance
- good UV stability, weather resistance and aging resistance



## USING ADHESIVES TO INCREASE EFFICACY AND EFFICIENCY

The effective use of adhesives offers our customers the possibility to increase the performance of their products while increasing the efficiency in the manufacturing processes.

STALOC supports its customers starting at the product design process, throughout the transition from design to production and the aftermarket service in order to achieve the best possible reliability and durability of adhesive bonds.

## PROPER PRODUCT DESIGN

- Correct choice of adhesives to bond different materials
- Correct choice of adhesives to meet the technical requirements of strength, elasticity, chemical resistance, etc.
- Consideration of the manufacturing and assembly requirements before the transition to series manufacturing
- Bonding of high-tech, lightweight materials such as fiberglass, CFRP, aluminum, high-strength steel, etc.
- Compensation of production tolerances or surface impurities by adhesives providing for optimized gap bridging
- Ensuring appropriate dismantling options for maintenance purposes over product lifetime
- Functional integration in the adhesive joint (e.g. reduction of noise on the finished component, seal and bond in one process, etc.)

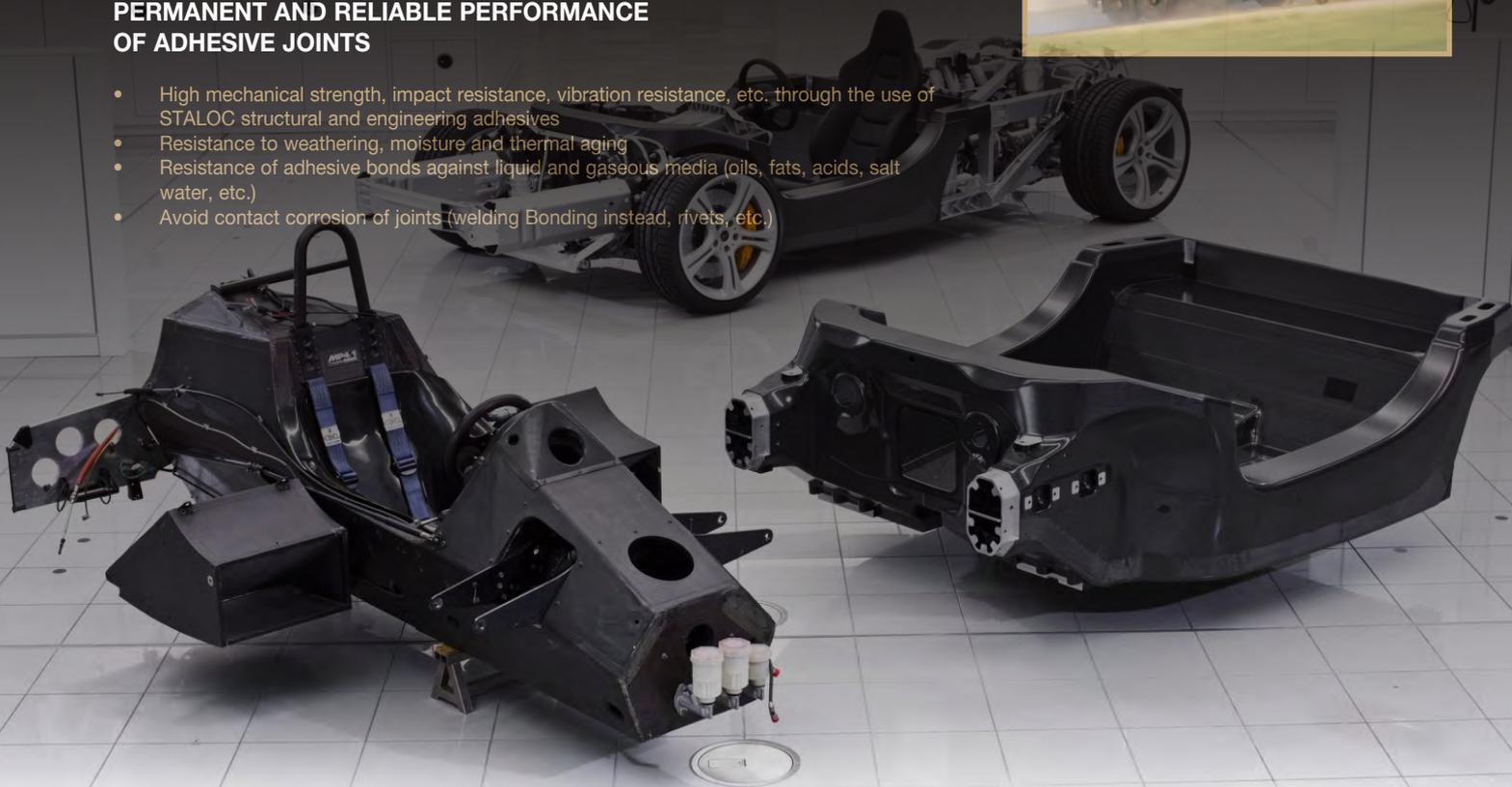


## PROCESS OPTIMIZATION AND RELIABLE MANUFACTURING PROCESSES

- Efficient assembly through the integration of bonding and sealing in one operation
- Optimal match of surface preparation process (cleaning, use of an activator or primer, etc.) and bonding
- Adjustment of open time and viscosity for convenient handling of the products in the manufacture and installation (e.g. ability to repositioning when joining)
- Consideration of various environmental parameters (temperature, humidity, etc.) for the bonding process

## PERMANENT AND RELIABLE PERFORMANCE OF ADHESIVE JOINTS

- High mechanical strength, impact resistance, vibration resistance, etc. through the use of STALOC structural and engineering adhesives
- Resistance to weathering, moisture and thermal aging
- Resistance of adhesive bonds against liquid and gaseous media (oils, fats, acids, salt water, etc.)
- Avoid contact corrosion of joints (welding Bonding instead, rivets, etc.)



## STALOC® POWER structural adhesives

STALOC POWER structural adhesives combine very high impact and peel resistance, viscoplastic properties and very good temperature resistance. STALOC POWER adhesives are used wherever extremely high strength is required. Because they are easy to work with and highly resistant, STALOC POWER structural adhesives are used mainly in automotive engineering, metal panel bonding and the door and window industry. Additionally, they are highly resistant to water, acids, oils, greases and solvents.



### Power 703 power adhesive

STALOC POWER 703 adhesive has excellent impact, peel and tensile shear strength. Easy to use. Mixing ratio 1:1. The powerful adhesive offers excellent weather resistance. STALOC POWER 703 is quick to set and only requires little surface preparation. Bonds metal, wood, plastic, stone, glass, ceramics (except for PP, PE, and PTFE) and many other materials.

- Colour: off-white
- Temperature resistant from -50°C to +120°C
- Fixes in 12-15 min. and requires only little surface preparation



### Power 704 power adhesive

Transparent 2-component power adhesive. Outstanding impact and peel resistance as well as tensile shear strength. Fixes in 4-6 min.

- Temperature resistant from -50°C to +120°C
- Highly weather resistant
- Bonds glass, metal, plastic (except for PP, PE and PTFE)



### Power 705 power adhesive

STALOC Power 705 is a low odour acrylic adhesive. The power adhesive is a fast, medium viscosity gel, ideal for the bonding of clear plastics within the sign / display and shopfitting market. STALOC Power 705 combines the speed of the faster methacrylic adhesives with toughness, to enable bonding of similar and dissimilar materials which include most plastics.

- Odourless, resistant against vibration and impacts
- Bonds glass and plastics
- Gap filling 0.25 - 0.5 mm
- Open time ~3 min
- Temperature resistant from -40°C to +80°C



### Power 707 power adhesive

- Dual-component adhesive with excellent impact, shear and tensile strength
- Solvent-free
- Bonds metal, stone, ceramics, wood and plastics (even plastics that are difficult to bond like PP, PE, POM, PTFE or EPDM)
- Moisture- and weather-resistant
- Primerless



### Power 710 Kraftklebstoff

STALOC POWER 703 adhesive has excellent impact, peel and tensile shear strength. Easy to use. Mixing ratio 1:1. The powerful adhesive offers excellent weather resistance. STALOC Power 710 offers the same bonding characteristics as STALOC Power 703, with the comfort of a longer open time. Bonds metal, wood, plastic, stone, glass, ceramics (except for PP, PE, and PTFE) and many other materials.

- Colour: off-white
- Temperature resistant from -50°C to +120°C
- Fixes in 30-35 min. and requires only little surface preparation



### Carbo Speed

- Colour: black
- Temperature resistant from -40°C to +140°C
- Used to repair carbon parts and broken plastic parts (thermoplastics and duroplastics), e.g. bumpers
- Finishing work such as grinding, drilling and thread tapping can be done after only a few minutes
- Resistant against weathering and ageing

## STALOC® structural adhesives

STALOC structural adhesives are topping it off when it comes to new adhesive technologies in our comprehensive range of adhesives. They open up new possibilities in production processes. Especially when bonding different types of materials comes in to place, STALOC structural adhesives are perfectly suitable due to their outstanding combination of high adhesive strength and high elasticity, provided by the Adflex® technology. STALOC structural adhesives are best suited for production of vehicles, boats, generators, carbon composite parts and many more.

No matter whether your application needs to bond metal / metal, metal / plastic or CFRP and GRP compounds - STALOC structural adhesives are the right choice.



### HP-900 structural adhesive with AdflexNano®

- Revolutionary, nano particle based high performance adhesive system for structural bonds that are subject to high impact and shear stress (e.g. vibration) and require high strength
- Supports or replaces conventional fastening techniques such as screwing, welding, riveting or soldering (mixed construction in the automotive industry). STALOC HP-900 structural adhesive enables flexible selection of materials (multi-material design)
- Because of the temperature-resistant formulation it is possible to use STALOC HP-900 structural adhesive for the adhesive bonding of components before powder coating
- As a result, the reliable adhesive is perfectly suited for applications in automotive, mechanical and plant engineering
- The embodied nanoparticles AdflexNano® provide for an extraordinarily high tensile elongation and excellent UV and ageing resistance
- STALOC HP-900 is the ideal adhesive for industrial mass production



### HP-950 structural adhesives with Adflex®

- Newly developed high-performance adhesive system for elastic structural bonds that are exposed to an extremely high impact and shear stress (e.g. vibration) and require high strength
- Its unique design allows for bonding of almost all substrates (except for PE, PP, Teflon and other difficult to bond polyolefins)
- The very high elongation and excellent UV-resistance make STALOC HP-950 structural adhesive perfectly suitable for bonding processes in metal construction, aluminum and facade construction, ship and yacht building and the wind and solar plant building
- STALOC HP-950 Structural adhesive combines high elasticity with an extremely high adhesive strength



### HP-960 structural adhesive with Adflex®

- High-performance structural adhesive for bonded joints requiring high-strength, elasticity, impact resistance as well as resistance against tensile loads and vibrations
- Its formulation enables STALOC HP-960 to withstand powder coating processes
- Having an excellent resistance against tensile loads the product is perfectly suited for applications in automotive engineering, structural engineering, facility engineering, naval architecture, wind and solar power stations as well as storefront construction



### Quick Fix Multi Adhesive

- This newly developed adhesive system combines the capabilities of instant adhesive systems with their quick tack and the gap-bridging provided by 2K adhesive systems such as epoxy, polyurethane or methacrylates. Thus STALOC Quick Fix Multi Adhesive the ideal product when it comes to small repairs or quick and effective fastenings
- Bonds metal, plastic, wood, rubber, glass, ceramics, cardboard, leather, etc.

- Fixes quickly
- Drip free
- Can be reworked

## STALOC® Epoxy adhesives

STALOC epoxy products help you to solve maintenance, repair, toolmaking and production problems. The formulation, manufacture and worldwide distribution of epoxy resins is based on many years of experience. Although epoxy products have been in use for many years, our STALOC epoxy series represents the state of the art. Here are the top products in the STALOC epoxy series:



### E-505 Epoxy adhesive

- Colour: transparent
- High strength and fast hardening construction adhesive for a rigid bond
- Temperature resistant from -50°C to +80°C
- Offers a remarkably fast application time of approx. 5 min
- Also used in the encapsulating of electrical parts
- Excellent resistance to solvents



### K-880 Liquid metal

- Colour: grey
- For the repair and maintenance of pipes, valves, motor blocks, coolers and tanks
- Temperature resistance from -50°C to +120°C
- Very well suited for the repair of hairline cracks and cavities in castings due to its low viscosity
- Can be machined (drilled, milled, ground, etc.) after complete hardening



### K-400 Aluminium kit

- Colour: aluminium-like colour
- For general repair and maintenance purposes as well as for the manufacture of equipment and tools
- Temperature resistance from -50°C to +120°C
- After complete hardening, can be machined (drilled, milled, ground, etc.)



### K-800 stainless steel

- Colour: steel-like colour
- For general repair and maintenance of stainless steel as well as for the manufacture of equipment and tools
- Temperature resistance from -50°C to +120°C
- Because of the special hardener can also be worked with overhead
- After complete hardening, can be machined (drilled, milled, ground, etc.)



### K-818 steel stick

- Colour: dark grey
- For fast repairs to pumps, housings, tanks, containers and torn out threads
- Temperature resistance from -50°C to +190°C (short-term to +300°C)
- Resistant to oil, petrol, diesel and battery acid
- Is also suitable for wood, concrete, ceramics, glass and most plastics
- After complete hardening, can be machined (drilled, milled, ground, etc.)



**HTP high performance lubricant SQ-496**

- excellent temperature and pressure resistance for a safe and effective long-term lubrication
- lubricates moving parts, various joints, gears, bearings, slides, hinges, wire ropes, etc. made of metal and plastic
- does not attract dirt / dust and can be worked overhead
- Temperature resistant from -55°C to +260°C



**HT-5 High performance PTFE lubricant SQ-490**

- Lubricates moving and rotating machine parts, hinges and joints, bearings, slide bars etc.
- Excellent resistance to pressure, saltwater, spraywater as well as light acids and bases
- Excellent dry running lubrication due to PTFE
- Temperature resistant from -30°C to +250°C



**PTFE spray SQ-460**

- non-greasy and quick drying, dry lubricant
- Reduces friction
- Does not attract dirt
- Temperature resistance to +270°C



**HT-7 High performance TUNGSTEN lubricant SQ-495**

- High tech lubricant based on WS2
- extreme resistance against compression loads
- outstanding dry-running lubrication due to high Tungsten concentration
- extensive working temperature range from -270°C to +650°C



**Chain spray with MoS2 SQ-480**

- Highly resilient, specialised lubricant with excellent adhering characteristics
- Very well suited for high compression loads
- For chains, cables, rollers, bolts, bearings, etc.
- Does not leach!



**High temperature oil spray SQ-400**

- High-performance durable lubricant with excellent creep capability
- Temperature resistant to +500°C (short term to +1.100°C)
- First-class anti-corrosion oil
- UV-resistant



**Silicone spray SQ-450**

- Ideal anti-friction and release agent
- Repels water and dirt
- Blocks moisture
- Maintains rubber and plastics
- Temperature resistant to +260°C



**Grease spray SQ-420**

- Transparent high-performance grease for high compression loads with excellent adhering characteristics
- Excellent creep characteristics
- Temperature resistant from -20°C to +180°C (short-term to +230°C)



**Multi protection V7 SQ-470**

- All-in-one preservation, cleaning and lubrication spray
- Blocks moisture
- Excellent capillary action
- Lubricates chains, bearings, rollers, etc.
- Temperature resistant to +230°C



**Adhesive grease spray SQ-430**

- Transparent high-performance grease for high compression loads with excellent adhering characteristics
- Excellent creep characteristics
- Temperature resistant from -20°C to +180°C (short-term to +230°C)



**Drilling and cutting spray SQ-680**

- Increases life of drilling and cutting tools
- Reduces friction and heat



**CMD Powercut SQ-685**

- perfectly suited for drilling, milling, cutting and other mechanical operations
- increases the life of tools and machines significantly
- high-performance cutting oil with excellent adhesion, especially on stainless steel



**Contact spray with MoS2 SQ-440**

- Cleans corroded contacts
- Cuts through moisture
- Protects and lubricates
- Prevents creep flows





**KORROTECH 1000 grease-free lubricant SQ-1001**

- Eliminates moisture from mechanical and electrical parts and devices
- Offers grease-free and clean lubrication
- Oil- and wax-free storage preservation (VCI)
- 360° spray valve



**KORROTECH 2000 High performance protective oil SQ-1002**

- Outstanding lubrication and protection properties
- Water repellent and corrosion inhibiting film with outstanding creep properties
- Excellent protection for weapons
- Protects from corrosion for 1 year
- 360° spray valve



**Montage cleaner SQ-200**

- Deep cleaning and degreasing effect
- Removes oils, grease, tar, etc.
- Evaporates quickly
- Test on plastics



**Industrial cleaner SQ-205**

- Special cleaner for the metal processing industry
- ideal as a cleaner prior to bonding processes such as threadlocking, gasketing, thread sealing, etc.
- does not leave residues, evaporates fast, non-corrosive
- removes remains of moisture on metal surfaces



**Brake cleaner SQ-210**

- Quick cleaning and degreasing of brake rotors and other break components like calipers, break pads, etc. Removes oil, wear debris and other contamination
- Cleaner and degreaser for all parts of engines, clutches, gearboxes, carburetors, pumps, etc.
- Well suited for removing silicone residues on metal surfaces



**Multi power cleaner SQ-225**

- Outstanding power cleaner with extremely high releasing effect for residue-free cleaning
- For any type of metal cleaning operation, degreasing and especially for cleaning before painting / coating
- Excellent ability to remove felt pens and markers on various surfaces!
- Use for all metals, glass, ceramics, usw.



**Industrial quick cleaner SQ-220**

- Removes oils, grease, silicone, wax residue, etc.
- Evaporates quickly
- Test on plastics and rubber





### Citrus power cleaner SQ-245

- Powerful cleaning spray for degreasing and cleaning of strong contamination on plastic and metal parts
- Removes e.g. oil, resin, felt pens, tar as well as adhesive residuals or fresh PU-foams
- Eases removal of labels



### Orange cleaner SQ-240

- Cleans and degreases sensitive surfaces (plastics, plexiglass, PVC, etc.)
- Removes labels



### Power foam SQ-250

- Cleans glass, metal, plastics, leather, etc.
- Does not attack materials



### GlasClean SQ-230

- Highly effective power foam cleaner used to clean glass, plastics, metals and various other surfaces
- Suited for all kinds of glass like plate-glass, mineral-glass, plexi-glass, acryl-glass, satinato glass, etc.
- Effortlessly removes contamination like silicone residues, oil, grease or insects



### Adhesive and sealant remover SQ-740

- Dissolves hardened adhesive and sealant residue
- Removes grease, paint, resins and tar
- Not suited for sensitive plastics and PVC



### Hybrid cleaner SQ-745

- cleans and degreases various surfaces
- also suitable for paint or powder coated surfaces
- can be used on most plastics
- helps dissolving of resins, tar, or various waxes
- dissolves and removes residues of adhesives and sealants
- evaporates quickly without leaving residues



### Stainless steel cleaner SQ-260

- All-in-one clean and care product
- Does not attack paint
- Leaves a protective film
- Cleans without streaking



### INOX cleaner SQ-261

- special finish cleaner for all stainless steel surfaces with a pleasant fresh citrus smell
- anticorrosive effect
- does not attract dirt
- very economical in use



### Compressed air spray SQ-720

- Removes dust and dirt from hard-to-reach areas



### Compressed air spray incombustible SQ-721

- Removes dust and dirt from hard-to-reach areas
- Filled with incombustible propellant
- Ideal for electrical components



### Heavy Duty Wipes

- Highly effective, easy-to-use, cleaning towelettes
- Durable abrasive fabric
- Used for cleaning hands, tools, fixtures and other surfaces
- Perfectly suited for use in workshops and maintenance vehicles



### Turbo Wipes

- Highly effective, easy-to-use, cleaning towelettes
- Used for cleaning hands, tools, fixtures and other surfaces
- Used for removing non-cured sealants and PU-foams, oil, adhesives, paint and lubricants
- Cosmetic certification
- Contains vitamin E for optimized protection of human skin



### Organic power cleaner SQ-280

- Effortlessly removes grease, dirt, soot, nicotine, etc.
- All-purpose cleaner for engines, machinery and vehicles



## STALOC® Anti Seize

STALOC Anti seize products fulfil the highest demands when it comes to quality. STALOC Anti seize products are composed of fine metal particles and a heat-resistant lubricant. Under extreme pressure, this special combination prevents abrasion and galling as well as washing away caused by water, galvanisation and corrosion from road salt, acid rain or salt water. STALOC Anti seize products are temperature resistant up to +1,426°C.



### Regular Grade Anti Seize SQ-1400

- Solid matter assembly paste for high compression loads
- Protects against corrosion and seizing
- Temperature range -180°C to +1,100°C
- Resistant to acid, alkali and salt water



### Copper spray SQ-1000

- High-performance release and assembly paste
- Prevents seizing
- Resistant against acid, alkali and salt water
- Temperature range from -30°C to +1,100°C
- Shake well!



### Ceramic Compound SQ-1200

- High compression resistant, metal-free assembly paste
- Excellent anticorrosive
- Salt water resistant
- Temperature range from -40°C to +1,400°C
- ABS-system compatible



### Blue Moly special lubricant

- With MoS<sub>2</sub> for extremely high compression loads
- Especially suited for stainless steel
- Temperature range from -120°C to +815°C
- Excellent lubricating effect
- Prevents abrasion and corrosion



### Ultimate Compound

- High compression resistant, metal-free assembly paste
- Excellent anticorrosive
- Salt water resistant
- Temperature range from -40°C to +1,400°C
- user friendly automatic brush-top cartridge





**KORROTECH Anticorrosive SQ-1004**

- Wax-like, colourless anticorrosive for storage and transport preservation
- Excellent adhesion



**KORROTECH 1000 Grease-free lubricant SQ-1001**

- Eliminates moisture from mechanical and electrical parts and devices
- Offers grease-free and clean lubrication
- Oil- and wax-free storage preservation (VCI)
- 360° spray valve



**KORROTECH 2000 High performance protective oil SQ-1002**

- Outstanding lubrication and protection properties
- Water repellent and corrosion inhibiting film with outstanding creep properties
- Excellent protection for weapons
- Protects from corrosion for 1 year
- 360° spray valve



**KORROTECH 3000 High-performance corrosion protection SQ-1003**

- High-performance, transparent storage and transport preservation
- Enduring, ductile and water repellent protective film
- Excellent for ocean transport of machines and equipment as well as for the outdoor protection of bare parts
- Long-time protection due to self-healing effect
- Protects from corrosion for 2 years



## Primary anticorrosives



**Zinc spray, clear, SQ-850**

- For repairing galvanised parts
- Abrasion resistant, temperature resistant to +490°C
- Fast drying and can be welded over
- Shake well!



**Zinc spray SQ-800**

- Outstanding protection against corrosion
- Can be painted
- Heat resistant to +500°C, 95% zinc content in the dry matter
- Shake well!



**Rust converter**

- Converts rust into a protective chemical barrier
- For maintenance and repair works in industry, crafts, automotive sector, agriculture, shipbuilding, etc.



**Alu spray SQ-900**

- First-class anticorrosive
- Used to finish aluminium and aluminium-coloured surfaces
- Abrasion resistant and temperature resistant to +800°C
- Shake well!



**Stainless steel paint SQ-950**

- Abrasion resistant coating for stainless steel
- For the repair of weld seams (e.g. in ventilation systems, facades and steel construction)
- Temperature resistant to +300°C
- Shake well!





### Rust solvent with MoS2 SQ-620

- Loosens jammed bolts and nuts with excellent creep capability and high capillary action
- Cuts through moisture and subsequently protects against corrosion



### Rust killer SQ-625

- Quickly loosens and removes rust and prevents further corrosion on surfaces
- Combines shock freeze effect and special creeping oils to an efficient agent
- Increases efficiency in industrial maintenance and reduces process cost



### Auto body spray adhesive SQ-640

- High adhesive strength and good initial bonding
- Provides excellent bonding for insulating mats, leather, PVC, foam rubber, glass wool, metal and rubber
- Not suited for styrofoam



### Leak detection spray SQ-600

- Excellent foam formation
- Serves to locate leaks and porous areas, e.g. hair line cracks, weld points, gas and compressed air systems



### Multi spray adhesive SQ-645

- Transparent sprayable adhesive with high tack
- Provides excellent adhesion for insulating mats, leather, PVC, foam rubber, glass wool, metal, rubber, etc.
- Not suited for styrofoam



### Cold spray SQ-725

- Assembly aid with immediate cooling effect to about -45°C
- Ideal for rapid cooling of hot components
- Supports cleaning processes (e.g. removal of chewing gum)



### Welding protection spray SQ-700

- Prevents adhesion of weld spatter
- Increases service life of gas and welding nozzles



### Battery terminal protector SQ-445

- Provides optimum current flow and wear protection even under high loads and extreme temperature variations
- Prevents galvanic corrosion



### STALOC Power Repair Tape

- Self-fusing repair tape for universal use
- Silicone based
- Insulates wires, cables and connectors
- Seals against pressures of 8 bars
- Can be used on all substrates
- Resistant against oil, gasoline, glycol and many other chemicals
- UV-resistant
- Does not leave residues



### Hand cleaning paste

- Contains micro-abrasives for effective cleaning
- Removes oil, paint, grease, tar, resins, adhesives, etc.
- Mild and effortless cleaning
- Ph-neutral
- Is caring and moisturizing to the skin

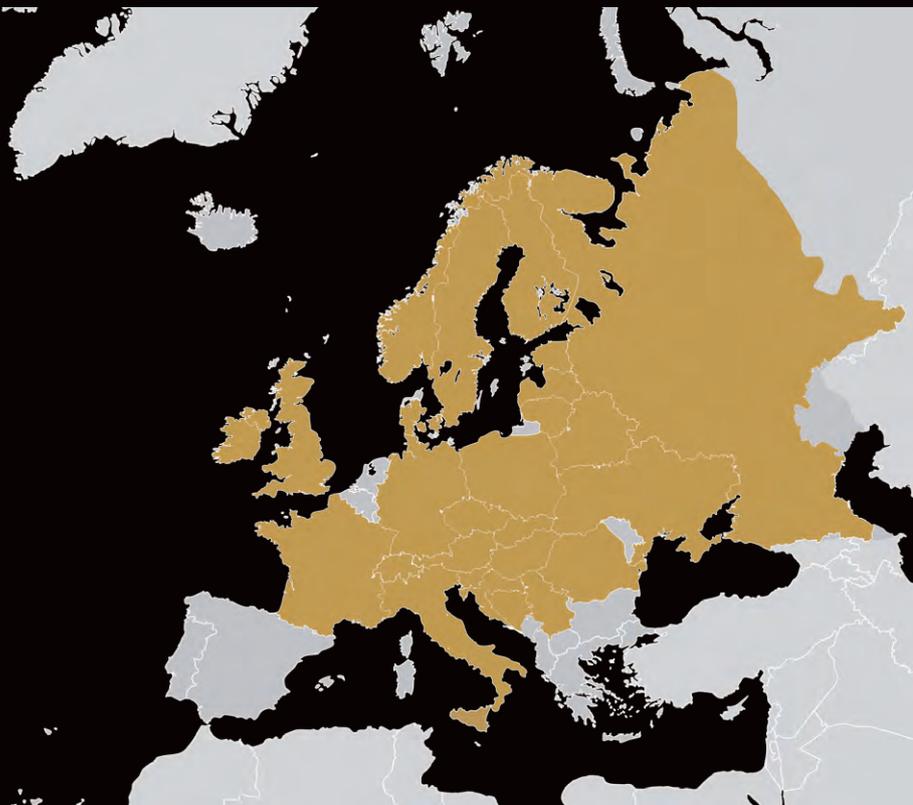




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