

ADHESIVES, SEALANTS AND LUBRICANTS

FOR A GOOD CONNECTION

Adhesives today are so individual that often only subtle differences are decisive for the grip. Our experts are familiar with the many adhesives and application areas and know which adhesive is appropriate for the required bonding. We find the appropriate solution for every joining problem due to our very diverse product range and the experience and know-how of our experts.

PRODUCT AND BRAND DIVERSITY

We provide a comprehensive and versatile product range in brand quality: from simple adhesives to high quality contact and reaction adhesives to lubricants and self-adhesive tapes. We also carry thinners, cleaners, maintenance products and much more. We also provide dosing equipment for optimum dosing in our product range.

Well-known manufacturers such as Henkel, Loctite, Teroson, Wacker, Sika, Eppe, Technicoll, Pattex or UHU stand for top quality.

Large product diversity and high know-how for the perfect solution.



PRODUCT RANGE ON THE NEXT PAGES

- Anaerobic threadlockers
- Anaerobic pipe thread sealants
- Thread sealing cords
- Anaerobic surface sealants
- Anaerobic shaft-hub connections
- Cyanoacrylate adhesives
- Structural bonding
- Epoxy liquid metal
- Corrosion protection
- Dosing equipment
- Cleaners
- 2-component adhesives
- Silicone sealants
- Polyurethane sealants
- Sealing tapes
- Contact adhesives
- Thinners
- ELASTOSIL® products
- Moulding compounds
- Adhesive tapes
- Silicone pastes and oils
- Pastes
- Oils
- Greases
- Maintenance products
- Rust removers
- Workshop supplies

REGISTER OVERVIEW

ADHESIVES, SEALANTS AND LUBRICANTS

Included on the following pages

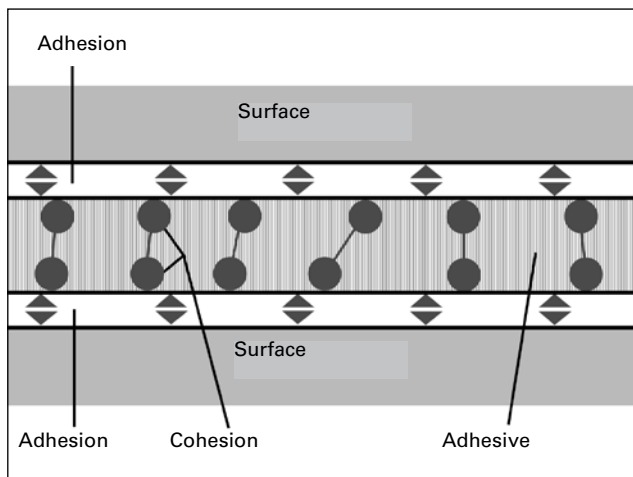
Product	Components	Item name	Page ff.
Adhesives			
Contact adhesives		Terokal 2444	
		Pattex Kraft	
		Zement BE, white	
Epoxy resin adhesive	2C	Loctite Hysol 3421	
		Loctite Hysol 3422	
		Loctite Hysol 3430	
		Technicoll 8256/59	
Epoxy resin adhesive	2C metal-filled	Loctite Hysol 3471	
		Loctite Hysol 3479	
Cyanoacrylate		Loctite 401	
		Loctite 406	
		Loctite 454	
		Loctite 480	
		Epple Bond 8212	
Thread locking adhesive		Loctite 222	
		Loctite 243	
		Loctite 270	
		Loctite 2701	
2C polyurethane		Teromix 6700	
Elastic adhesives and sealants			
MS sealants		Terostat 939	
		Terostat 930	
PU sealants		Sikaflex 221	
		Sikaflex 252	
		Terostat PU 92	
ADP technology (2 C)		Sikafast 5215	
Sealants			
Silicone sealants	RTV-1	Elastosil E4	
		Elastosil E43	
		Elastosil E70	
		Terostat 33	
		Terostat 63	
Silicone sealants	RTV-2	Elastosil M 4643	
		Elastosil RT 622 A/B	
Housing sealing compounds		Atmosit	
Planes and flange seals		Epple Stucarit 203	
		Epple Stucarit 309	
Other sealants		Epple 37	
		Epple 33	
Surface preparation/cleaning			
		Loctite 7061	
		Loctite 7063	
		OKS 641	
		Sika Activator	
Adhesive tapes			
Cloth tapes		Tesaband 4657	
		Tesaband 4651	
Masking tapes		Tesakrepp 4316	
		Tesakrepp 4322	
		Tesakrepp 4308	
Packaging tapes		Tesapack 4024	
		Tesapack 4124	
Double-sided adhesive tapes		Tesafix 4952	
Lubricants			
Pastes		OKS 251	
Oils		OKS 601	
Greases		OKS 451	

USEFUL INFORMATION ABOUT ADHESIVES

Adhesives – what you should know

What does bonding mean?

The term "bonding" refers to the "frictional connection of two assembly parts using an adhesive", whereby DIN 16920 defines an adhesive as follows: "A non-metal material which bonds assembly parts by means of surface adhesion and internal strength."



The effect of adhesives is based on the surface adhesion and the attractive forces among the adhesive molecules (cohesion). The adhesive creates "bridges" between the surfaces of the materials to be joined.

For optimum bonding results, the following prerequisites must be fulfilled:

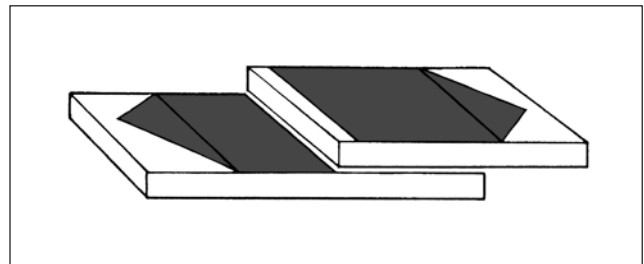
- The suitability of the materials to be bonded must be checked
- All requirements must be taken into account
- The adhesive must be correctly applied

The advantages of "bonding" compared with conventional adhesive methods

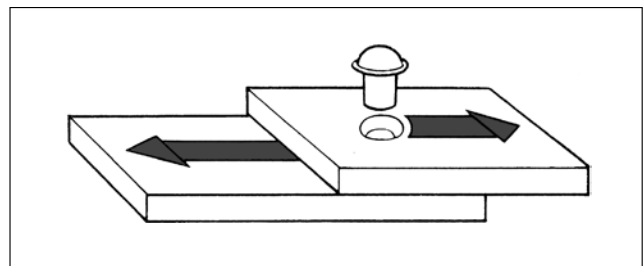
An even stress distribution across the entire adhesive surface. This has a particularly positive effect on both the static and the dynamic strength. When comparing the strength of bonded metal strips with riveted and autogenously welded metal strips during a tensile shear test, the break occurs at 54% of the strength of the metal strip in the case of the welded connection, at 70% with the rivet connection and at 100% with the bonded connection. While the breaking point is the undercut of the weld transition zone in the case of autogenous welding and the hole bearing in the case of a rivet connection, the bonded part does not break in the area of the overlap. This means that both welding and riveting result in an uneven stress distribution, whereas with bonding all forces are applied and distributed consistently.

The advantages of bonding with adhesives:

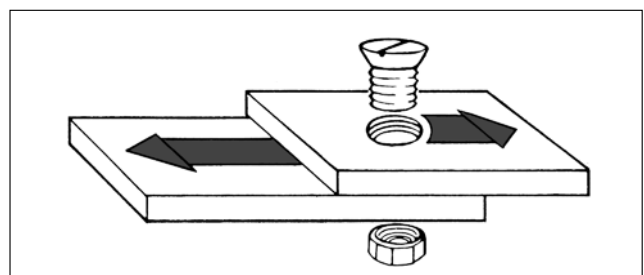
A bonded connection guarantees an even distribution of force across the entire bonded surface and the integrity of the component:



a) compared with a riveted connection



b) compared with a screwed connection



USEFUL INFORMATION ABOUT ADHESIVES

Adhesives – what you should know

The advantages of "bonding" compared with conventional adhesive methods

Unchanged surface and structure

The high temperatures which occur during welding can cause the structure and therefore the mechanical properties of the materials to change. As is the case with rivets and screws, the visible surface is also altered here. In the case of bonding, on the other hand, the surface remains unchanged, which means a clean surface area and improved aerodynamic properties. Thanks to the connection across the entire area, adhesive joints are considerably better at absorbing vibrations than riveted or welded joints.

Reduced weight

Adhesives are particularly popular in lightweight constructions, where low-strength parts (thinner than 0,5 mm) have to be joined - something which is either extremely difficult or even impossible with soldering and welding processes.

Sealing connections

Adhesives also act as a sealant and prevent a loss of pressure or fluid. The adhesive coating also prevents the ingress of condensation and any possible corrosion.

Joining different materials while preventing corrosion

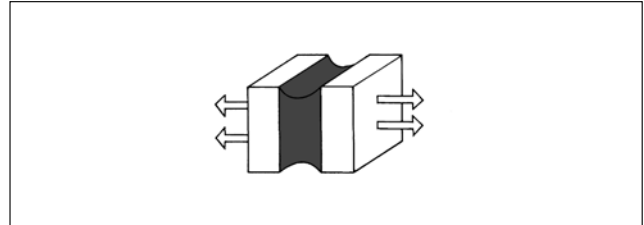
The insulating adhesive coating prevents the formation of local elements and the associated contact corrosion when different metals are joined. The adhesive coating is usually magnetically neutral and electrically/thermally insulating.

Special design features of "bonding"

All design engineers learn how to design parts with riveting and welding in mind. It is equally as important for bonding to be considered during the design process, since adhesives react differently to loads than welded or riveted joints. Each type of connection must therefore be designed accordingly.

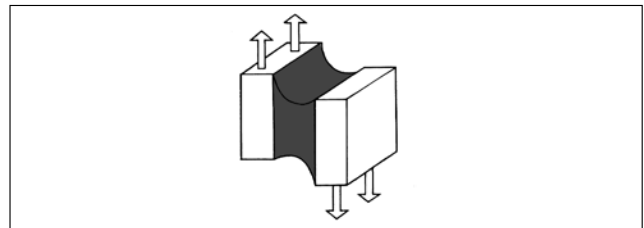
• Tensile loading:

Forces are applied perpendicular to the adhesive coating; even load across the entire adhesive surface.



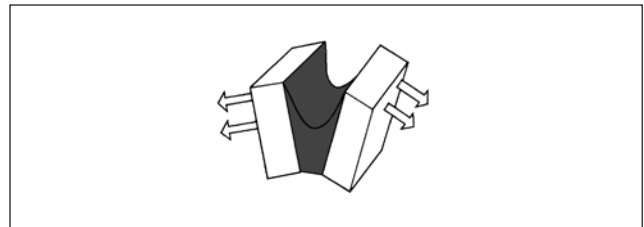
• Shear loading:

Forces are applied in the same plane and in parallel with the adhesive coating; even load across the entire adhesive surface. The tensile shear strength is usually referred to, as this is generally determined by the tension.



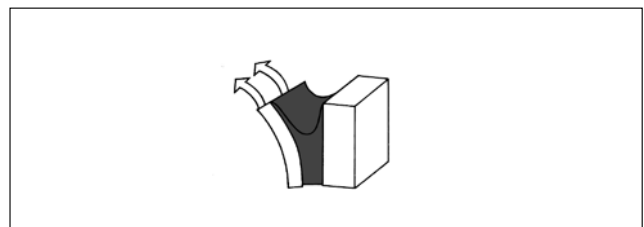
• Join loading:

Forces are applied in such a way that one part of the join is loaded heavily while the other part is not loaded at all; uneven load across the entire adhesive surface.



• Peel loading:

Forces are applied to just one thin line along the end of the connection, meaning that just a fraction of the entire adhesive surface is utilised; uneven load across the entire adhesive surface.



USEFUL INFORMATION ABOUT ADHESIVES

When designing bonded joints using adhesives, the following key points must be taken into account:

The joining surfaces should remain as large as possible to ensure a reliable force transmission.

A good adhesive strength can indeed be achieved by applying dots of high-quality adhesive at specific points, but generally a bonded joint involves a connection across an entire surface. The adhesive film transfers the acting forces, as is the case with a screw or rivet connection. In contrast to these types of connection, however, the use of the adhesive film to create a permanently closed joint between the surfaces results in an even stress distribution across the entire surface.

Applied forces should cover as much of the adhesive coating as possible, i.e. the joint should be loaded with the adhesive in mind. For this reason, parts should be designed in such a way that only shear and tensile forces occur. This means that the force is distributed across the entire adhesive surface, resulting in favourable strength values.

If the force application threatens to fracture or split the adhesive coating, the outcome is far less favourable.

The lowest strength values result in peel loading, since only one edge of the adhesive is subjected to the force transmission and therefore the force is only distributed along one line.

When bonding different materials, the differences in elasticity, hardness and expansion must be taken into account. Materials with very different expansion coefficients place great demands on an adhesive.

When calculating the expected strength of bonded joints based on general formulae, the particular properties of the adhesive in question must always be considered.

If no design measures can be implemented to prevent peeling forces from occurring, these must be absorbed by suitable retaining elements or taken into account during dimensioning. The connection types listed below only feature standard options. Whichever connection type is used, the length of the overlap is a key factor, since the possible force transmission across an adhesive surface is largely determined by its size.

One particular advantage of bonding is the ability to bridge gaps of varying thicknesses with a suitable adhesive film. If the tolerances are greater, the adhesive film can be reinforced by inserting a glass fibre fabric. Here the fabric to be inserted must be saturated with adhesive and must not contain any trapped air.

How do you find the ideal adhesive for your applications?

We have drawn up an adhesive checklist to help you find the perfect adhesive for your application. These questions enable us to understand your "bonding problems" in as much detail as possible.

By answering these questions, you will find the ideal adhesive quickly and easily on the following pages.

If you are still having difficulties, please contact our "adhesive application" specialists. Contact details can be found on the bookmark provided.

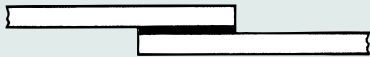
- 1. General description of the problem – which parts do you wish to join and what is the intended purpose of the final product?**
- 2. How do you currently join parts and what are the problems have you experienced?**
- 3. Which materials need to be bonded together? (Give precise details, e.g. steel ST 37, ABS, etc.)**
- 4. How big are the adhesive surfaces and what sort of connections are used? (Overlap, plane, groove, plug-in connection, butt joint or similar)**
- 5a. What are the surface properties of the parts to be bonded? (Phosphatised, painted, anodised, greased, etc.)**
- 5b. What are the options for pre-treatment? (Dust removal, degreasing, roughening, sandblasting, priming, etching, other)**
- 6. Which tolerances/joint gaps need to be bridged?**
- 7. What sort of loads is the bonded connection subjected to later in the production process? (Chemical, thermal, mechanical and duration of load)**
- 8. What sort of loads is the bonded connection subjected to after the production process? (Chemical, thermal, mechanical and duration of load)**
- 9. What general properties should/may the adhesive have? (Solvent content/2-component/pot life/initial adhesion/hardening/final strength)**
- 10. What are the options for applying the adhesive?**
(Application: e.g. manual, semi or fully automatic,
Airing: e.g. extraction system in place,
Pressure: applied pressure, stacking pressure, etc.)

USEFUL INFORMATION ABOUT ADHESIVES

Designing with bonding in mind

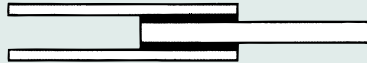
Single overlap

Favoured in the case of thin cross-sections due to its simple design and good strength.



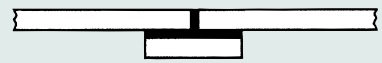
Double overlap

Produces solid connections. Optimum material utilisation with a strength ratio of 1:2:1.



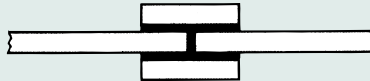
Single buttstrap

Often used when a surface needs to remain smooth without any special preparatory work.



Double buttstrap

Provides more strength than a single buttstrap but is more complex without adding any particular advantages. Seldom used in practice since there are no smooth visible surfaces on either side.



Scarfed connection

Provides very good strength values but is more complex and can only be used with a higher material strength.

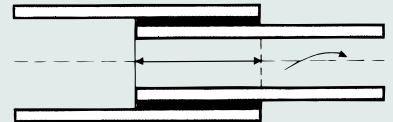


Torsion

Torsionally stressed overlapping or butt-strapped pipe connections with a low wall thickness obtain the strength of metals. Where possible, design measures should be implemented which ensure that highly stressed bonds are subjected only to one-way shear forces. They are imposed by pipe, groove and folded joints.

The following are not suitable for bonding:

- Butt joints
- Recessed lap joints
- Offset joints



USEFUL INFORMATION ABOUT ADHESIVES

The ABC of adhesive technology

Adhesion:

Bonding of the adhesive to a material surface

Adhesive joint:

The space between two surfaces that is to be filled with adhesive

Adhesive surface:

The surface of the materials to be joined to which the adhesive is applied

Ageing:

Behaviour of the adhesive film based on time, temperature and environmental influences

Back-of-hand test:

A test for determining the correct bonding time for contact adhesives. When gentle pressure is applied to the recently dried-on adhesive film with the back of a hand, it should still feel slightly sticky but should no longer transfer to the back of the hand in threads

Cohesion:

The internal strength of a material

Contact adhesive:

A special type of adhesive with which, after applying the adhesive on both sides and waiting a short drying time, the bond is created by pressing both parts together once the adhesive film has dried

Curing:

See Setting

Diffusion:

The migration of liquids or gases through porous substances

Dispersion:

Suspension (finely dispersed) of solid particles in liquids, usually water

Dispersion adhesive:

Adhesive systems dissolved (dispersed) in water

Drying time:

When using adhesives which contain solvents, this is the time you must wait between applying the adhesive and connecting the parts together

Drying time:

See Drying time

Duty of declaration:

Duty to provide labelling in accordance with legislation governing chemicals (particularly the Hazardous Substances Ordinance)

Elasticity:

Stretchability

Fillers:

Additives (mostly inorganic) used to improve the adhesive properties

Flame retardance:

The ignition resistance and flammability of a dried adhesive film

Flash point:

Lowest possible temperature at which a steam/air mixture above the product can be ignited

Hardener:

Additive used to improve the adhesive properties (particularly thermal strength) by means of chemical cross-linking

Hazard class (GGVS):

Hazardous material classification for transport (particularly the Hazardous Goods Ordinance, Road)

Hazard class (VbF):

Labelling in accordance with the Flammable Liquids Ordinance regulates the storage of flammable liquids

HF bonding:

A hot bonding process during which the heat is generated by a high frequency

Hot bonding process:

Making the bond in the presence of heat

Hot-melt adhesive:

A type of adhesive which must be applied hot and which solidifies once it has cooled

MWC value:

Maximum Workplace Concentration.

The maximum permissible concentration of solvent vapour at the place of work, as defined by the German Research Foundation's Senate Commission for the inspection of harmful work materials. Published in the TRGS 900 (new every year)

Open time:

Specification of the time during which the parts should be joined once the adhesive has been applied

Peel strength:

Resistance to forces that are applied only to a thin line at the end of the bonded connection and cause an uneven stress distribution

Pot life:

The application time of the adhesive mixture in the case of multi-component adhesives. The pot life is dependent on the temperature and the quantity. It decreases when the temperature is raised and the quantity increases

Pressure-sensitive adhesive:

Adhesive which remains permanently tacky after drying

Primer:

Usually a thin initial coating applied to improve the adhesion of an adhesive to a material surface

Priming material: (Prime coat)

See Primer

Resistance:

Behaviour of the adhesive film when ambient conditions change

Setting:

Solidification of the adhesive film by means of physical and/or chemical processes

Solid content:

Proportion of non-volatile components

Speed of tear:

The speed at which the destructive test of the test bodies is carried out in testing machines. Usually between 5 – 300 mm/min

Stability:

See Viscosity

Tack:

The term used to express tackiness

Tensile shear strength:

The strength of a bond where the forces are applied in parallel with the adhesive coating

Tensile strength:

The strength against forces applied perpendicular to the adhesive coating which result in an even load across the adhesive surface

Thermal strength:

The strength of a bond at an increased temperature (heavily dependent on the testing method)

Thermoplastic:

A plastic that can be softened in the presence of heat

Thermoset:

Cross-linked, usually infusible plastic

Thinner:

A solvent mixture used to alter the viscosity of an adhesive

Two-component adhesive: (2C adhesive)

A reaction adhesive which is chemically cured by mixing two components (binding agent and hardener)

Viscosity:

The flowability of an adhesive. Non-flowing, paste-like products are defined as firm

Wet bonding:

The bonding of parts immediately after the adhesive has been applied. The adjoining parts must be held together mechanically until the adhesive sets

Yield:

Amount of adhesive used on a kg/m² bonded surface

ANAEROBIC PRODUCTS

Locking, sealing, fastening and connecting with anaerobic adhesives

The adhesives in this group are single-component adhesives which harden at room temperature. The hardening components contained within the liquid adhesive remain inactive while exposed to atmospheric oxygen. Once the adhesive is sealed off against atmospheric oxygen, e.g. by bringing together the assembly parts, the adhesive hardens rapidly. As a result of the capillary action of the liquid adhesive, even the smallest gaps in the joint are filled. The hardened adhesive forms a bond with the surface roughness of the parts to be joined. The hardening process

is facilitated by the contact between the adhesive and active metals as these act as a catalyst. In the case of passive materials, which have either a minimal or no catalytic effect, activators are used to harden the adhesive quickly and completely. Here the liquid activator is applied to one or both surfaces before applying the adhesive. No components need to be mixed and the pot life does not need to be considered. Passive materials include anodised, zinc-plated and stainless steels, some aluminium alloys, precious metals and all non-metallic substances.

Due to their hardening behaviour, the adhesives are supplied in containers made from air-permeable materials which are not filled right to the top. This ensures that the container holds sufficient atmospheric oxygen. The adhesives can be stored for at least 1 year in their original containers at temperatures between +5°C and +28°C. Lower or higher storage temperatures can affect the quality of the products.

Surface sealants with anaerobic surface seals are used wherever adjoining metal surfaces need to be sealed tight against liquid and gas media. Typical areas of application for surface seals include, for example, gearbox housings, motors, containers and general mechanical engineering apparatus. Surface seals are anaerobic adhesive seals which harden in the absence of air and when they come into contact with metal. The adhesive forms a 100% adhesive bond and provides a seal around the contact surfaces.

A zero gap can be assumed during the design process. The adhesive seal reinforces the mechanical joint, which as a result can withstand high torsional stresses. No problems occur as a result of micro-movements or seal setting. Anaerobic surface seals are a more economical alternative to solid seals.

Technical advantages

- No setting
- One homogeneous connection
- Zero gap, advantageous during the design process
- Forms a seal between the contact surfaces
- Resistant to most chemicals
- Reinforces the mechanical joint
- Forms a seal, even if the flange surface is extremely rough
- Production-compatible handling
- Well-engineered dosing technology
- Long service life
- Environmentally friendly

Economical advantages

- One product for a wide range of shape-independent seals
- Low storage requirements
- Maximum reliability – low maintenance costs
- Efficient handling thanks to well-engineered dosing technology

Anaerobic thread sealants

These products are liquid, single-component plastics which are applied to the thread pitch. Following assembly, they harden into a hard and tough plastic in the absence of air and when they come into contact with metal. As such, the seals completely fill all gaps in the thread and coat any surface roughnesses and irregularities. The two threads are combined to form a single unit and the connection is sealed tight. The effect of the seal is not dependent on an applied preload force. This means that anaerobic products seal both conical-cylindrical and double-sided cylindrical threads reliably, regardless of the angularity between the two parts. If external force effects (e.g. thermal stress, vibrations, pressure surges, etc.) cannot be avoided, the threaded connections should be preloaded.

Technical advantages

- Maximum reliability
- Vibration resistance
- The active position of fittings can be retained
- High gap filling capacity
- Seals all types of thread
- Forms a seal without a preload force
- Insensitive to chemicals

Economical advantages

- Low material costs
- Simple application and assembly
- Highly reliable
- DVGW release of certain products
- Environmentally friendly

Fastening

Connections made with anaerobic products produce a higher strength than force fit connections. This lowers the costs involved in mechanical processing, as higher tolerances are possible as a result of the high gap filling capacity. This means simpler alignment and faster assembly.

Locking with anaerobic adhesives

The anti-loosening protection on a thread locking adhesive must fulfil the most stringent demands in terms of load strength. Single-component adhesives have been developed which fill the entire empty space between the threads and which harden in the absence of air and when they come into contact with metals. The adhesive forms an adhesive bond and thereby prevents any movement within the thread. Anaerobic adhesives are among the most effective locking techniques for metal screws. Even lightly oiled screws are locked permanently and reliably. The breakaway strength is, however, reduced.

Technical advantages

- Very good locking effect, even with a dynamic constant load.
- Simple handling during production and repair work.
- Can be used for the following locking types:
 - Anti-loosening protection
 - Loss prevention
- Total sealing of through-holes
- Prevents corrosion in the thread

Economical advantages

- Cost savings through the use of standard screws
- Simpler through-holes instead of blind holes
- Maximum reliability
- In the event of repair work, the material can be re-used once it has been cleaned

LOCTITE

SCREW LOCKING ADHESIVES



Loctite 222 low-strength

For connections up to M 36, can be released with standard tools. Applied as a liquid, hardens in the thread after being screwed in. Suitable for application on metals which may break during disassembly, e.g. aluminium or brass.

Manufacturer: Henkel
Operating temperature range: -55°C to +150°C



Item No.	Container type	Container size ml	Unit	€/unit
42720	Bottle	10	12	
42880	Bottle	50	12	
43360	Bottle	250	10	

Loctite 243 medium-strength

For connections up to M 36, can be disassembled with standard tools. Easy to apply. With KTW recommendation. Applied as a liquid, hardens in the thread after being screwed in. Somewhat oil-tolerant.

Manufacturer: Henkel
Operating temperature range: -55°C to +150°C



Item No.	Container type	Container size ml	Unit	€/unit
661620	Bottle	5	12	
691660	Bottle	10	12	
681020	Bottle	50	12	
625700	Bottle	250	10	

Loctite 270 high-strength

For connections up to M 20, can only be disassembled after being heated to 300°C. Applied as a liquid, hardens in the thread after being screwed in. For equipment which does not have to be regularly disassembled for maintenance purposes.

Manufacturer: Henkel
Operating temperature range: -55°C to +150°C



Item No.	Container type	Container size ml	Unit	€/unit
42750	Bottle	10	12	
799820	Bottle	50	12	
43430	Bottle	250	10	

LOCTITE THREAD LOCKING ADHESIVES

Loctite 2701 high-strength



Improved Loctite 270, ideal for passive materials such as high-alloy steel. With DVGW release, test mark no. NG- 5146AR0617, hardens in the thread after being screwed in.

Manufacturer: Henkel
Operating temperature range: -55 °C to +155 °C

Item No.	Container type	Container size ml	Unit	€/unit
661630	Bottle	5	12	
42950	Bottle	10	12	
899140	Bottle	50	12	
906860	Bottle	250	10	

Loctite 272 high-strength



High-temperature-resistant thread locking adhesive, for connections up to M 80. Easy to apply. Hardens in the thread after being screwed in. Easy to apply thanks to thixotropic components.

Manufacturer: Henkel
Operating temperature range: -55 °C to +200 °C

Item No.	Container type	Container size ml	Unit	€/unit
1139480	Bottle	50	10	
1139490	Bottle	250	10	

Loctite 276 high-strength



Loctite 276 is used to permanently lock and seal threaded connections. The product is ideal for customers who experience high production rates. Loctite 276 can meet these demands without affecting performance.

Loctite 276 can be used for numerous industrial applications, e.g. for metal-to-metal connections on valves, connections and process control devices.

Manufacturer: Henkel
Operating temperature range: -55 °C to +150 °C

Item No.	Container type	Container size ml	Unit	€/unit
10051197	Bottle	50	12	

LOCTITE THREAD LOCKING ADHESIVES

LOCTITE

Loctite 278 high-strength

High-viscosity thread locking adhesive, oil-tolerant, ideally suited to passive surfaces. For applications which do not have to be disassembled for maintenance purposes.

Manufacturer: Henkel
Operating temperature range: -55°C to +200°C



Item No.	Container type	Container size ml	Unit	€/unit
10030682	Bottle	50	12	
10071678	Bottle	250	10	

Loctite 290 high-strength

Capillary thread locking adhesive for later application. Penetrates into the inserted thread, up to M 6, as a result of its particularly low viscosity.

Manufacturer: Henkel
Operating temperature range: -55°C to +150°C



Item No.	Container type	Container size ml	Unit	€/unit
42780	Bottle	10	12	
42990	Bottle	50	12	
43470	Bottle	250	10	

Loctite 2400 medium-strength

Loctite 2400 medium-strength and Loctite 2700 high-strength thread locking adhesives demonstrate a true leap in development, since both have a "white" safety data sheet. This means that neither of the two thread locking adhesives needs to be labelled with R-phrases or S-phrases in accordance with strict EC regulations 1907/2006 – ISO 11014-1. They also do not contain any notifiable CMR substances (substances which are carcinogenic, mutagenic and toxic to reproduction).

Manufacturer: Henkel
Operating temperature range: -55°C to +150°C



Item No.	Container type	Container size ml	Unit	€/unit
10049849	Bottle	50	12	

LOCTITE THREAD LOCKING ADHESIVES

Loctite 2700 high-strength



Loctite 2400 medium-strength and Loctite 2700 high-strength thread locking adhesives demonstrate a true leap in development, since both have a "white" safety data sheet. This means that neither of the two thread locking adhesives needs to be labelled with R-phrases or S-phrases in accordance with strict EC regulations 1907/2006 – ISO 11014-1. They also do not contain any notifiable CMR substances (substances which are carcinogenic, mutagenic and toxic to reproduction).

Manufacturer: Henkel
Operating temperature range: -55 °C to +150 °C

Item No.	Container type	Container size ml	Unit	€/unit
10050165	Bottle	50	12	

LOCTITE THREAD SEALANTS



Loctite 55 sealing cord

For application on plastic and metal threads, particularly in the heating and sanitary sector. Replaces hemp, pastes and PTFE tapes.

- Approvals for cold and hot water and gas.
DVGW test mark DV- 5142 AU 0166
(test regulations DIN 30660, EN 751-2)
- KTW recommendation, BS 6920
- Certified in accordance with ANSI/NSF Standard 61
- Not to be used for domestic installation.

Manufacturer: Henkel
Operating temperature range: -50 °C to +130 °C



Item No.	Container type	Container size m	Unit	€/unit
4342690	Blister pack	50	24	
4027570	Can	150	48	

Loctite 511 low-strength

Liquid pipe thread sealant for threads up to max. R2. The product has been released by the DVGW under no. NG- 5146AR0620 (in accordance with DIN EN 751-1) for sealing threaded connections in fittings and gas installations.

Manufacturer: Henkel
Operating temperature range: -55 °C to +180 °C



Item No.	Container type	Container size ml	Unit	€/unit
484410	Bottle	50	12	
541350	Tube	250	10	

Loctite 577 medium-strength

Liquid pipe thread sealant for threads up to max. R3. BAM approval for use in the presence of oxygen up to 10 bar and +60 °C. DVGW release test mark no. NG- 5146AR0621. Suitable for maintenance work since disassembly is possible with standard tools.

Manufacturer: Henkel
Operating temperature range: -55 °C to +150 °C



Item No.	Container type	Container size ml	Unit	€/unit
449520	Tube	50	12	
4020940	Bottle	50	12	
43750	Bottle	250	10	

LOCTITE THREAD SEALANTS

Loctite 5331 low-strength



Plastic thread sealant, recommended for warm- and cold-water-bearing plastic threads and plastic/metal combinations, for example plastic piping in industrial and agricultural applications or sewage systems. With DVGW release test mark no. NG- 5146AR0618. Hardens in the presence of humidity.

Manufacturer: Henkel
Operating temperature range: -50 °C to +150 °C

Item No.	Container type	Container size ml	Unit	€/unit
1033600	Tube	100	12	

LOCTITE SURFACE SEALANTS

LOCTITE

Loctite 518 high-strength

Elastic surface sealant for medium- to high-strength connections. Due to its highly viscous nature, Loctite 518 is applied as a form-in-place gasket. Ideal for vertical surfaces and overhead work. For gaps of up to 0,25 mm Release, P1 NSF R0eg. No. 123007

Manufacturer: Henkel
Operating temperature range: -55°C to +150°C



Item No.	Container type	Container size ml	Unit	€/unit
618200	Cartridge	50	10	
605220	Cartridge	300	10	

Loctite 573 low-strength

Low-strength surface sealant. The connection is easy to disassemble. Hardens slowly, well-suited to long assembly times. For gaps of up to 0,1mm

Manufacturer: Henkel
Operating temperature range: -55°C to +150°C



Item No.	Container type	Container size ml	Unit	€/unit
43160	Bottle	50	12	
43640	Bottle	250	10	

Loctite 574 high-strength

Fast-hardening surface sealant. Becomes firm soon after assembly. Suitable for warp-resistant metal flanges such as cast metal housings and pumps.

Manufacturer: Henkel
Operating temperature range: -55°C to +150°C



Item No.	Container type	Container size ml	Unit	€/unit
43170	Bottle	50	12	
43650	Bottle	250	10	

LOCTITE SURFACE SEALANTS

Loctite 5188



Ideal for all types of warp-resistant metal flanges, particularly aluminium flanges. Particularly suited to demanding applications, features excellent chemical resistance and is highly flexible. Excellent bonding, can tolerate minor oily deposits on flange surfaces.

Manufacturer: Henkel
Operating temperature range: -55 °C to +150 °C

Item No.	Container type	Container size ml	Unit	€/unit
10046017	Bottle	50	12	
10054428	Cartridge	300	10	

LOCTITE JOINING SHAFT-HUB CONNECTIONS

LOCTITE

Loctite 603 oil-tolerant

Ideal for bearing support. Tolerates minor oily deposits. Full surface contact prevents play, corrosion, fretting corrosion. Adhesive gap of up to 0,1 mm.
Release, P1 NSF Reg. No. 123003.

Manufacturer: Henkel
Operating temperature range: -55°C to +150°C



Item No.	Container type	Container size ml	Unit	€/unit
737050	Bottle	10	12	
737060	Bottle	50	12	
737070	Bottle	250	10	
10031248	Bottle	1000	1	

Loctite 638 high-strength

Special bonding product with an extremely high gap filling capacity, 0,05 mm to 0,25 mm and becomes firm quickly. With KTW recommendation for cold and warm water. Release, P1 NSF Reg. No.123010. WRC release (BS 6920): 0511518.

Manufacturer: Henkel
Operating temperature range: -55°C to +155°C



Item No.	Container type	Container size ml	Unit	€/unit
449290	Bottle	10	12	
43230	Bottle	50	12	
43710	Bottle	250	10	
4144680	Pouch	2000	1	

LOCTITE

JOINING SHAFT-HUB CONNECTIONS

Loctite 648 high-strength



Special bonding product with a high gap filling capacity, becomes firm quickly and features excellent temperature resistance. For attaching bearings and shafts. For a gap size of 0,05 mm to 0,15 mm. WRC release (BS 6920): 0808532.

Manufacturer: Henkel
Operating temperature range: -55 °C to +175 °C

Item No.	Container type	Container size ml	Unit	€/unit
661640	Bottle	5	12	
42830	Bottle	10	12	
43260	Bottle	50	12	
43740	Bottle	250	10	

Loctite 660 high-strength



Quick metal. With a very high gap filling capacity of up to 0,5 mm. Ideal for repairing worn out or damaged bearing seats, shafts, bushings and feather keys.

- Use with Loctite 7240 activator
- Release, P1 NSF Reg. No. 123704

Manufacturer: Henkel
Operating temperature range: -55 °C to +155 °C

Item No.	Container type	Container size ml	Unit	€/unit
43270	Bottle	50	12	

LOCTITE BONDING WITH CYANOACRYLATES

LOCTITE

Loctite 3090

LOCTITE® 3090™ is a two-component, fast-hardening, gap-filling adhesive which produces an excellent bond on a variety of different materials, including plastics, rubber and metal. LOCTITE® 3090™ is used to join parts with different or undefined adhesive gaps (up to 5 mm) or for applications in which excess adhesive must harden completely. The gel-like consistency prevents the adhesive from flowing out, even on vertical surfaces. LOCTITE® 3090™ is also suitable for bonding porous materials such as wood, paper, leather and textiles.

Manufacturer: Henkel
Operating temperature range: -40 °C to +80 °C



Item No.	Container type	Container size g	Unit	€/unit
10070437	Double cartridge	10	10	

Loctite 401

Bonds the most diverse range of material connections (metals, plastics, leather, rubber, wood, cardboard, ceramic, etc.). Very high strength in small gaps.

Manufacturer: Henkel
Design: Low viscosity
Operating temperature range: -40 °C to +80 °C



Item No.	Container type	Container size g	Unit	€/unit
924370	Tube	3	10	
924380	Bottle	5	10	
104920	Bottle	20	12	
104930	Bottle	50	12	
104940	Bottle	500	1	

Loctite 406

Fast bonding of rubber, plastic and elastomers. Forms an attachment very quickly.

Manufacturer: Henkel
Design: Low viscosity
Operating temperature range: -40 °C to +80 °C



Item No.	Container type	Container size g	Unit	€/unit
417800	Bottle	20	12	
417790	Bottle	500	1	

LOCTITE BONDING WITH CYANOACRYLATES

Loctite polyolefin adhesive set 406/770



The combination of 406 cyanoacrylate and 770 primer for plastics which are difficult to bond, i.e. EPDM, PE, PP, silicone, PTFE, etc. Loctite 770 with heptane, an environmentally friendly solvent.

Manufacturer: Henkel
Design: Low viscosity
Operating temperature range: -40 °C to +80 °C

Item No.	Container type	Container size g	Unit	€/unit
808700	Set consisting of bottle/brush bottle	20/10	1	

Loctite 454



Gel-like cyanoacrylate for bonding metals, composite materials, wood, cork, foam, leather, cardboard, paper and ceramic. Recommended for application on vertical surfaces or for overhead work.

Manufacturer: Henkel
Design: gelatinous
Operating temperature range: -40 °C to +100 °C

Item No.	Container type	Container size g	Unit	€/unit
924360	Tube	3	10	
419310	Tube	20	10	
876740	Cartridge	300	1	

Loctite 460



Used to prevent the formation of odours. For connections with porous and absorbent materials as well as acidic surfaces.

Manufacturer: Henkel
Design: Medium viscosity
Operating temperature range: -40 °C to +80 °C

Item No.	Container type	Container size g	Unit	€/unit
160580	Bottle	20	12	
160590	Bottle	50	10	
172480	Bottle	250	4	

LOCTITE

BONDING WITH CYANOACRYLATES

LOCTITE

Loctite 480 black

Impact-resistant cyanoacrylate. Ideally suited to bonding metal to metal, rubber or magnets.

Manufacturer: Henkel
Design: Low viscosity
Operating temperature range: -40 °C to +100 °C



Item No.	Container type	Container size g	Unit	€/unit
172210	Bottle	20	12	
10017620	Bottle	100	12	
876750	Bottle	500	1	

Loctite 4062

Forms an attachment and hardens very quickly. Ideal for bonding plastic and rubber very quickly.

Manufacturer: Henkel
Design: Very low viscosity
Operating temperature range: -40 °C to +80 °C



Item No.	Container type	Container size g	Unit	€/unit
1088100	Bottle	20	12	
1088110	Bottle	500	1	

Loctite 4850

Flexible cyanoacrylate, quick hardening. Designed especially for the assembly and repair of flexible materials and components, suitable for porous and absorbent surfaces.

Manufacturer: Henkel
Design: Medium viscosity
Operating temperature range: -40 °C to +70 °C



Item No.	Container type	Container size g	Unit	€/unit
4178870	Bottle	20	12	

LOCTITE

BONDING WITH CYANOACRYLATES

Loctite 4860



Flexible cyanoacrylate, quick hardening. Designed especially for the assembly and repair of flexible materials and components, suitable for porous and absorbent surfaces.

Manufacturer: Henkel
Design: High viscosity
Operating temperature range: -40 °C to +70 °C

Item No.	Container type	Container size g	Unit	€/unit
4178890	Bottle	20	12	

LOCTITE STRUCTURAL BONDING

LOCTITE

Loctite 330/7388 Multi-Bond

The versatile acrylate adhesive with a high tensile and shear strength. Joins virtually all materials (with the exception of rubber). No mixing of the components. Suitable for various plastics such as PC, PVC, PF and acrylic glass. P1 NSF Reg. No.123005.

Manufacturer: Henkel
Operating temperature range: -55°C to +100°C



Item No.	Container type	Container size ml	Unit	€/unit
43070	Tube	50	10	
774270	Set	50/40	10	
2600	Cartridge	315	10	

Loctite 3421 A&B

Universal 2C epoxy adhesive for bonding large surfaces which require a long open time.

- Self-levelling
- Long application time
- Excellent moisture resistance
- Applicator for 50 ml DK: Loctite 96001; REIFF-No. 433570
- Applicator for 200 ml DK: Loctite 96003; REIFF-No. 4664190

Manufacturer: Henkel
Design: Medium viscosity
Operating temperature range: -55°C to +120°C



Item No.	Container type	Container size ml	Unit	€/unit
4327330	Double cartridge	50	10	
4327340	Double cartridge	200	10	

Loctite 3430 A&B

A five-minute 2C epoxy adhesive for applications which require a visually transparent bond. Ideal for bonding glass, decorative covers and displays and for general manual applications.

- High-strength
- Water resistant

Manufacturer: Henkel
Design: Medium viscosity
Operating temperature range: -55°C to +100°C



Item No.	Container type	Container size ml	Unit	€/unit
981500	Twin nozzle	24	12	

LOCTITE STRUCTURAL BONDING

Loctite 3450 A&B



A five-minute 2C epoxy adhesive for large gaps. Ideal for bonding and filling damaged components.

- Sandable
- High-strength
- Ideal for metal repairs

Manufacturer: Henkel
Design: Medium viscosity
Operating temperature range: -55 °C to +100 °C

Item No.	Container type	Container size ml	Unit	€/unit
981310	Twin nozzle	25	12	

Loctite 9492 A&B



A high-temperature-resistant adhesive for universal applications. Ideal for bonding electronic components and photo templates.

- Excellent chemical resistance
- Applicator for 50 ml DK: Loctite 96001 Our Order No. 433570
- Applicator for 400 ml DK: Loctite 983438 Our Order No. 4674580

Manufacturer: Henkel
Design: Medium viscosity
Operating temperature range: -55 °C to +180 °C

Item No.	Container type	Container size ml	Unit	€/unit
4327420	Double cartridge	50	10	
4327430	Double cartridge	400	10	

Loctite 9466 A&B



A high-strength 2C epoxy adhesive, ideal for applications which require a long open time and a high bond strength. Excellent for a range of materials such as metals, ceramic and most plastics.

- Impact-resistant
- Applicator for 50 ml DK: Loctite 96001 Our Order No. 433570
- Applicator for 400 ml DK: Loctite 983438 Our Order No. 4674580

Manufacturer: Henkel
Design: Medium viscosity
Operating temperature range: -55 °C to +120 °C

Item No.	Container type	Container size ml	Unit	€/unit
4335780	Double cartridge	50	10	
4384670	Double cartridge	400	10	

LOCTITE PERMANENTLY-ELASTIC SEALING AND CONNECTING

LOCTITE

Loctite silicone 5366

Permanently-elastic adhesive and sealant with a silicone base. Suitable for glass, metals, ceramic, composite materials and most plastics.

Manufacturer: Henkel
Operating temperature range: -55°C to +250°C



Item No.	Container type	Container size ml	Unit	Colour	€/unit
995270	Tube	50	10	transparent	
903680	Cartridge	310	12	transparent	
903690	Cartridge	310	12	white	
903700	Cartridge	310	12	black	

Loctite silicone 5399

High-temperature-resistant, permanently-elastic adhesive and sealant. Suitable for bonding and sealing glass, metal and ceramic. Used in industrial furnaces, chimneys, electrical equipment and ventilation systems.

Manufacturer: Henkel
Operating temperature range: -55°C to +350°C



Item No.	Container type	Container size ml	Unit	Colour	€/unit
903710	Cartridge	310	12	red	

LOCTITE CARRYING OUT REPAIRS WITH EPOXY LIQUID METAL

Loctite 3471 A/B (metal set S1)



A steel-filled 2C epoxy adhesive for repairing and reproducing worn metal parts. Ideal for repairing pipes and cast parts as well as tears in housings and machine parts and for creating rubber moulded parts, tools and attachments.

Manufacturer: Henkel
Design: Paste-like
Operating temperature range: -20 °C to +120 °C

Item No.	Container type	Container size g	Unit	€/unit
4376370	Set of cans	500	10	

Loctite 3475 A/B (metal set A1)



An aluminium-filled 2C epoxy adhesive for repairing and reproducing worn metal parts. Ideal for repairing cast parts as well as tears in housings and machine parts and for creating rubber moulded parts, tools and attachments.

Manufacturer: Henkel
Design: Firm
Operating temperature range: -20 °C to +120 °C

Item No.	Container type	Container size g	Unit	€/unit
4386930	Set of cans	500	10	

Loctite 3479 A/B (metal set HTA)



An aluminium-filled 2C epoxy adhesive for repairing and reproducing worn metal parts at high operating temperatures. Ideal for repairing cast parts and tears in housings and machine parts.

Manufacturer: Henkel
Design: Firm
Operating temperature range: -20 °C to +190 °C

Item No.	Container type	Container size g	Unit	€/unit
4389120	Set of cans	500	10	

LOCTITE WORKSHOP CLEANING



Loctite Superschaum

Universal foam cleaner for hobbies, crafts and the home. Gently removes even stubborn residues on carpet, panelling, textiles, plastic, etc.

Manufacturer: Henkel



Item No.	Container type	Container size ml	Unit	€/unit
846300	Aerosol can	400	12	

Loctite 7840

A concentrated, biodegradable cleaner/degreaser which contains no hazardous solvents and which can be diluted with water. The product is suitable for a range of industrial cleaning processes. Typical applications for this product include the cleaning of machines, motors, bearings, valves, tanks, external panelling, windows, carpet and concrete floors, asphalt and vehicles.

Manufacturer: Henkel



Item No.	Container type	Container size ml	Unit	€/unit
4218890	Spray bottle	750	12	
4384740	Canister	5000	3	
4384750	Canister	20000	1	

LOCTITE PRODUCTS FOR USE IN EMERGENCIES

Loctite O-ring kit



O-ring kit for quickly producing O-rings. Easy to assemble and ready for use in seconds. The bond is as strong as the rubber. The kit contains: Nitrile O-rings in 5 different sizes (D=1,6; 2,4; 3,0; 5,7; 8,4 mm), cutting template, blade, a 20 g bottle of Loctite 406 adhesive and a practical case with instructions for use.

Manufacturer: Henkel

Item No.	Unit	€/unit
160800	1	

Loctite 3463 A/B metal magic steel



A fast-hardening stick of kneadable epoxy which is suitable for emergency repairs on metal parts. Ideal for sealing leaking containers and pipes, for filling excessively large threaded holes, for smoothing welded seams and for repairing small tears in cast parts.

- Steel-filled, kneadable stick
- Also hardens under water
- NSF release

Manufacturer: Henkel
Operating temperature range: -30 °C to +120 °C

Item No.	Container type	Container size g	Unit	€/unit
4388980	Stick	50	12	
4123960	Stick	114	24	

Loctite 7100 leak detection spray



For use with all gases and gas mixtures with the exception of pure oxygen. Can also be used for iron, copper and plastic pipes.

Manufacturer: Henkel
Operating temperature range: +10 °C to +50 °C

Item No.	Container type	Container size ml	Unit	€/unit
10083555	Aerosol can	400	12	

LOCTITE

DISPENSING UNITS AND DISPENSING NOZZLES

Loctite 96001

Manual cartridge applicator for 50 ml double cartridges.

Mix ratio: 1 : 1, 2 : 1, 10 : 1.

Extremely easy to use, with a finely graduated feed.

Manufacturer: Henkel



Item No.	Unit	€/unit
4335750	1	

Loctite 96003

Manual cartridge applicator for 200 ml double cartridges.

Mix ratio: 1 : 1, 2 : 1, 10 : 1.

Extremely easy to use, with a finely graduated feed.

Manufacturer: Henkel



Item No.	Unit	€/unit
4664190	1	

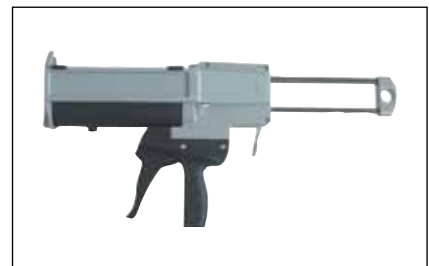
Loctite 983438

Manual cartridge applicator for 400 ml double cartridges.

Mix ratio: 1 : 1, 2 : 1, 10 : 1.

Extremely easy to use, with a finely graduated feed.

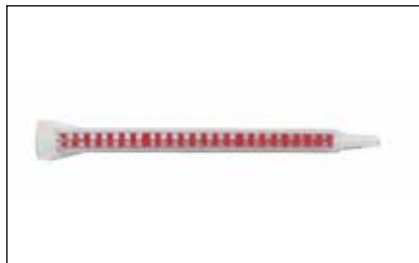
Manufacturer: Henkel



Item No.	Unit	€/unit
4674580	1	

LOCTITE DISPENSING UNITS AND DISPENSING NOZZLES

Loctite dispense needles for 50 ml double cartridges



Static mixer for epoxy and PU in a 50 ml double cartridge. Mixture: 1:1, 2:1

Manufacturer: Henkel

Item No.	Unit	Container type	€/ Set
4343790	1	Pouche containing 10 mixers	

Loctite peristaltic hand pump



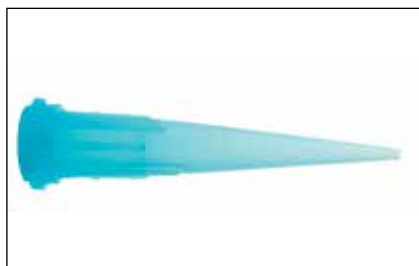
Can be screwed onto any 50 ml or 250 ml Loctite container. Compatibility: 98414: 50 ml, 97001: 250 ml container.

- Adjustable dosing from approx. 0,01 ml to 0,40 ml
- Turns the product container into a mobile dispensing unit
- The nozzle can accommodate a variety of dosing needles
- Typical liquids: Loctite screw locking adhesives, bonding adhesives, thread sealants with low viscosity

Manufacturer: Henkel

Item No.	Type	Container	Unit	€/unit
4606770	98414	50 ml	1	
1071300	97001	250 ml	1	

1 1/4" conical dispense needles, polyethylene (PPC), worm thread



Manufacturer: Henkel

Item No.	Type	Needle size mm	Inner diameter mm	Colour	Container type	€/ Set
10013346	97221	16	1,19	grey	Set of 50 pieces	
10008419	97222	18	0,84	Green	Set of 50 pieces	
4616870	97223	20	0,61	Pink	Set of 50 pieces	
4226740	97224	22	0,41	blue	Set of 50 pieces	

LOCTITE

DISPENSING UNITS AND DISPENSING NOZZLES

1/2" high-precision dispense needles, stainless steel standard (SSS), worm thread

Manufacturer: Henkel



Item No.	Type	Needle size mm	Inner diameter mm	Colour	Container type	€/Set
10014484	97225	15	1,37	Amber	Set of 50 pieces	
10014487	97226	18	0,84	Green	Set of 50 pieces	
10001190	97227	20	0,58	Pink	Set of 50 pieces	
10000830	97228	25	0,25	red	Set of 50 pieces	

1 1/2" flexible dispense needles, polypropylene (PPF), worm thread

Manufacturer: Henkel



Item No.	Type	Needle size mm	Inner diameter mm	Colour	Container type	€/ Set
10030686	97229	15	1,37	Amber	Set of 50 pieces	
10016192	97230	18	0,84	Green	Set of 50 pieces	
10008418	97231	20	0,58	Pink	Set of 50 pieces	
10008414	97232	25	0,25	red	Set of 50 pieces	

LOCTITE SURFACE TREATMENT

Loctite 7400 Varnistop



Visual detection of movements on adjusted parts, for marking adjustment points or components which have been adjusted or tested.

Manufacturer: Henkel

Item No.	Container type	Container size ml	Unit	€/unit
960040	Bottle	20	10	

Loctite 7414



A fast-drying paste for use in production in order to visually inspect any possible movements between bonded and adjusted parts. It is applied to compression fittings, studs, nuts and other threaded connections once they have been properly preloaded and adjusted. This allows service staff or inspectors to quickly detect any possible changes or unauthorised interventions. The product adheres strongly to metals including aluminium, magnesium, titanium, stainless steel and copper and has no corrosive effect on these metals.

Manufacturer: Henkel
Operating temperature range: -35 °C to +145 °C

Item No.	Container type	Container size ml	Unit	€/unit
10073503	Tube	50	48	

LOCTITE SURFACE PREPARATION



Loctite 7061

Universal cleaner and degreaser (with an acetone base) for surface preparation before applying the adhesive.

Manufacturer: Henkel



Item No.	Container type	Container size ml	Unit	€/unit
689680	Aerosol can	400	10	

Loctite 7063

Universal cleaner and degreaser for residue-free surface preparation before applying the adhesive (solvent-based). Removes most greases, oils, lubricants, swarf and very fine particles from the adhesive surfaces.

Manufacturer: Henkel



Item No.	Container type	Container size ml	Unit	€/unit
930840	Aerosol can	150	12	
1022850	Aerosol can	400	12	
974420	Pump spray	400	10	
977300	Canister	10000	1	

Loctite 7070

Cleaner and degreaser for surface preparation of plastic parts before applying the adhesive with no risk of stress cracks forming.

Manufacturer: Henkel



Item No.	Container type	Container size ml	Unit	€/unit
986970	Aerosol can	400	10	
974410	Pump spray	400	10	
977310	Canister	10000	1	

LOCTITE SURFACE PREPARATION

Loctite 7240



Solvent-free activator for accelerating the hardening of anaerobic adhesives and sealants.

Manufacturer: Henkel

Item No.	Container type	Container size ml	Unit	€/unit
4348510	Aerosol can	90	12	

Loctite 7380



Solvent-free activator for the 330 adhesive. No airing required.

Manufacturer: Henkel

Item No.	Container type	Container size ml	Unit	€/unit
4456220	Brush can	50	10	

Loctite 7471



Activator for accelerating the hardening of anaerobic adhesives. To enable hardening between +5°C and +15°C.

Manufacturer: Henkel

Item No.	Container type	Container size ml	Unit	€/unit
742330	Set consisting of can/pump spray	500	1	

LOCTITE SURFACE PREPARATION



Loctite 7649

Activator for rapidly accelerating the hardening of anaerobic adhesives and sealants.
To enable hardening between +5°C and +15°C.

Manufacturer: Henkel



Item No.	Container type	Container size ml	Unit	€/unit
43950	Set consisting of can/pump spray	500	1	

LOCTITE HAND CLEANERS

Loctite 7850 Fast Orange



For the gentle cleaning of dirty hands. Removes oil, soot, tar, grease, paint, ink, adhesive, resin and even bad smells. Contains high-quality conditioning agents. Finely ground pumice improves penetration. Also works without water, ideal for cleaning on the go.

Manufacturer: Henkel

Item No.	Container type	Container size ml	Unit	€/unit
764200	Bottle	400	12	
764180	Pump canister	3000	4	

Loctite 7855



Hand cleaner for removing ink, paint, resin. Biodegradable, non-toxic.

Manufacturer: Henkel

Item No.	Container type	Container size ml	Unit	€/unit
4612390	Bottle	400	12	

LOCTITE HYSOL ADHESIVES



Loctite Hysol 3422 A&B

A five-minute 2C epoxy adhesive which is suitable for a wide range of materials such as metals, ceramic, glass and most plastics.

- Fast-hardening
- Gap-filling up to 3 mm
- High-strength
- Water-resistant
- Applicator for 50 ml DK: Loctite 96001; REIFF-No. 4335750
- Applicator for 200 ml DK: Loctite 96003; REIFF-No. 4664190

Manufacturer: Henkel
Operating temperature range: -55 °C to +100 °C



Item No.	Container type	Container size ml	Unit	€/unit
4201450	Double cartridge	50	10	
4327270	Double cartridge	200	10	

Loctite Hysol 9455 A&B

A five-minute 2C epoxy adhesive which forms a transparent bond with good flexibility and peel strength. Ideal for bonding and sealing optical elements such as sensors and lenses.

- Fluid
- Flexible (fracture strain: ~80 %)
- UV-resistant
- Applicator for 50 ml DK: Loctite 96001; REIFF-No. 4335750

Manufacturer: Henkel
Operating temperature range: -55 °C to +100 °C



Item No.	Container type	Container size ml	Unit	€/unit
4327380	Double cartridge	50	10	

Loctite Hysol 9466 A&B

An impact-resistant 2C epoxy adhesive, for versatile use in applications which require a long application time and high strength. Ideal for a range of different materials such as metals, ceramic and most plastics.

- Applicator for 50 ml DK: Loctite 96001; REIFF-No. 4335750
- Applicator for 400 ml DK: Loctite 983438; REIFF-No. 4674580

Manufacturer: Henkel
Operating temperature range: -55 °C to +120 °C



Item No.	Container type	Container size ml	Unit	€/unit
4335780	Double cartridge	50	10	
4384670	Double cartridge	400	10	

LOCTITE HYSOL ADHESIVES

Loctite Hysol 9480 A&B



A 2C epoxy adhesive for bonding metals and most plastics in the food processing industry.
- Applicator for 50 ml DK: Loctite 96001; REIFF-No. 4335750

Manufacturer: Henkel
Operating temperature range: -55 °C to +120 °C

Item No.	Container type	Container size ml	Unit	€/unit
10048616	Double cartridge	50	10	

Loctite Hysol 9514



A high-strength 1C epoxy adhesive for filling gaps and applications exposed to high operating temperatures. Ideal for high-strength applications such as the bonding of filters or magnets.
- Suitable for induction hardening
- Excellent chemical resistance
- High shear and peel strength

Manufacturer: Henkel
Operating temperature range: -55 °C to +200 °C

Item No.	Container type	Container size ml	Unit	€/unit
4389040	Cartridge	300	5	

TEROSON SILICONE SEALANTS

Teroson

Terostat 33

Solvent-free, elastic 1C sealant with an amine-crosslinking silicone rubber base.

- Odour-neutral following hardening to ensure that it has no effect on flavour, even when it comes into contact with unpackaged foods
- Very good adhesive properties
- UV-resistant
- Largely chemical-resistant and decontaminable
- Hardens even at low temperatures
- Good resistance to mould infestation
- Excellent ageing resistance

Area of application: To solve leakage problems when steel is joined with steel, aluminium, plastic, ceramic, glass, enamel, etc. in mechanical engineering and apparatus construction.

Manufacturer: Henkel

Operating temperature range: -40 °C to +150 °C



Item No.	Colour	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 60 unit	€/unit beginning at 120 unit
163010	transparent	Cartridge	310	12			
163030	white	Cartridge	310	12			
163020	grey	Cartridge	310	12			
608580	black	Cartridge	310	12			

Terostat 63

Solvent-free, elastic 1C sealant with an acid-crosslinking silicone rubber base.

- Heat-resistant up to +250 °C, even under permanent load (1000 hours test in a compartment dryer)
- Sharp jarring can be absorbed and changes in length caused by heat can be accommodated thanks to its elasticity and strength
- Odour-neutral following hardening
- Excellent ageing resistance

Area of application: For seals which cannot handle usual sealant qualities as a result of increased temperature requirements, e.g. drying plants

Manufacturer: Henkel

Operating temperature range: -40 °C to +250 °C



Item No.	Colour	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 60 unit	€/unit beginning at 120 unit
802480	Red-brown	Cartridge	310	12			

TEROSON POLYURETHANE SEALANTS

Terostat PU 92



Highly adhesive 1C adhesive and sealant with vibration-reducing effect thanks to its high elasticity. Terostat 92 can be varnished, is spreadable and sandable and has a universal adhesive spectrum. Must be finish coated for use outdoors.

Area of application: Elastic bonding of metals and plastics plus sealing of gaps in plastic, metal and sheet metal processing as well as vehicle and car body construction.

Manufacturer: Henkel

Operating temperature range: -40 °C to +70 °C

Item No.	Colour	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 60 unit	€/unit beginning at 120 unit
4594410	white	Cartridge	310	12			
4594440	grey	Cartridge	310	12			
877190	black	Cartridge	310	12			

TEROSON MS POLYMER ADHESIVE AND SEALANT

Teroson

Terostat MS 930

Solvent-free 1C sealant with a silane-modified polymer base (MS-Polymer®).

- Wide adhesive spectrum without primers, particularly on metals and plastics
- Weather- and UV-resistant outdoors, does not have to be finish coated
- Fast skin formation
- Can be painted
- Does not require labelling
- Free from solvents, odour-free
- Spreadable; can also be sprayed with the use of appropriate tools
- Reduces vibrations
- Isocyanate- and silicone-free



Area of application: Elastic sealing of gaps and seals in wagon and container building, apparatus construction, metal and sheet metal processing, plastics technology, air conditioning and ventilation technology, clean-room technology.

Manufacturer: Henkel

Operating temperature range: -50 °C to +80 °C

Item No.	Colour	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 60 unit	€/unit beginning at 120 unit
690350	white	Cartridge	310	12			
690360	grey	Cartridge	310	12			
1203940	black	Cartridge	310	12			

Terostat MS 939

Is a sprayable 1C adhesive/sealant with a silane-modified polymer base, which cross-links to form an elastic product in the presence of humidity (curing). The skin forming and full hardening time are dependent on humidity and temperature. The full hardening time is also dependent on the depth of the gap. Terostat MS 939 is particularly firm in order to achieve a high holding force ("position tack") as soon as the parts are joined together.

- Free from solvents, isocyanates, silicones, PVC
- Odour-neutral
- Good adhesion without primers
- Features a good coating compatibility with suitable coating systems
- Good UV resistance, can therefore be used indoors and outdoors



Area of application: Elastic seam and gap seal in car body and vehicle construction, caravan, wagon and container building, vehicle superstructures, metal and apparatus construction, electrical engineering, plastics technology, air conditioning and ventilation technology.

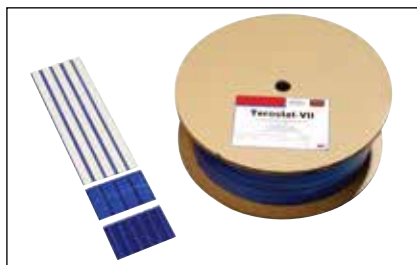
Manufacturer: Henkel

Operating temperature range: -40 °C to +100 °C

Item No.	Colour	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 60 unit	€/unit beginning at 120 unit
1049600	white	Cartridge	310	12			
1049590	grey	Cartridge	310	12			
1049580	black	Cartridge	310	12			

TEROSON PROFIED SEALING TAPES AND CORDS

Terostat VII sealing tapes



Is a solvent-free, plastic, self-adhesive sealing tape with a synthetic rubber base. It contains no corrosive components and can be coated with commercially available oil and synthetic resin varnishes.

- Plastic
- Medium adhesive strength
- Can be varnished
- Good spacing
- Sound-absorbing
- Very good resistance to water and ageing

Area of application: Sealing of overlaps and spacing between metal, wood and plastic used in the sheet metal processing industry.

Manufacturer: Henkel

Operating temperature range: -40 °C to +80 °C

Item No.	Colour	Container type	Length m	Width mm	Thickness mm	Unit	€/ Roll Beginning at 1 roll	€/ Roll Beginning at 20 rolls	€/ Roll Beginning at 40 rolls
802590	white	Coil	40	20	2	4			

Item No.	Colour	Container type	Length m	Width mm	Thickness mm	Unit	€/ Roll Beginning at 1 roll	€/ Roll Beginning at 10 rolls	€/ Roll Beginning at 20 rolls
824050	white	Coil	160	15	2	2			

Terostat VII sealing cords



Is a solvent-free, plastic, self-adhesive sealing cord with a synthetic rubber base. It contains no corrosive components and can be coated with commercially available oil and synthetic resin varnishes.

- Plastic
- Medium adhesive strength
- Can be varnished
- Good spacing
- Sound-absorbing
- Very good resistance to water and ageing

Area of application: Sealing of overlaps and spacing between metal, wood and plastic used in the sheet metal processing industry.

Manufacturer: Henkel

Operating temperature range: -40 °C to +80 °C

Item No.	Colour	Container type	Length m	Diameter mm	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 20 unit
551830	white	Coil	42	10	2			
733830	white	Coil	60	8	2			
483500	white	Coil	120	4	2			

TEROSON KNEADABLE SEALANT

Teroson

Terostat IX

Kneadable sealant with a polyisobutylene base.

- Plastic
- Medium adhesive strength
- Can be varnished
- Good spacing
- Sound-absorbing
- Very good resistance to water and ageing

Area of application: Sealing of cable and line breaks or longitudinal water-tight sealing on cable harnesses plus sealing of assembly openings against moisture and dust in electrical engineering and apparatus construction.

Manufacturer: Henkel

Operating temperature range: -30 °C to +80 °C (+160 °C temporarily, up to 1 h)



Item No.	Colour	Container type	Container size kg	Unit	€/unit beginning at 1 unit	€/unit beginning at 30 unit	€/unit beginning at 60 unit
163050	grey	Can	1	6			

Item No.	Colour	Container type	Container size kg	Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit	€/unit beginning at 10 unit
163060	grey	Bucket	16	1			

TEROSON HOUSING AND FLANGE SEALANTS

Atmosit



Viscous sealant with a synthetic rubber base.

- Spreadable
- Dries to form a rubber-elastic, easily removable film within a few minutes
- As a result of the fast drying, Atmosit does not drain off, even on sloping and vertical surfaces
- Thanks to its viscous consistency, Atmosit can also bridge greater tolerances
- Resistant to mineral and Diesel oil, water, anti-freeze and diluted caustic soda and suds

Area of application: Atmosit is used on easy-to-disassemble seals on gear-box, machine and motor housings plus housing covers and flanges.

Manufacturer: Henkel

Operating temperature range: -25°C to +120°C

Item No.	Colour	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 36 unit
395200	dark grey	Can	350	12			

Atmosit-Compact N



Solvent-free, thick paste-like sealant with a neutrally cross-linked silicone rubber base.

- Vulcanised to form a rubbery, solid material
- Shape-retaining and shrink-proof, which means that screws do not have to be re-tightened
- High stability, can be applied both horizontally and vertically
- Resistant to mineral and Diesel oil, water, anti-freeze and diluted suds

Area of application: For sealing parts which will have to be released such as intake manifolds, gear casings, starter motor covers, valve screw covers, oil sumps, crankcase end covers, thermostat housings, axle covers and housing covers, particularly under a high temperature load.

Manufacturer: Henkel

Operating temperature range: -40°C to +220°C

Item No.	Colour	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 50 unit	€/unit beginning at 100 unit
810080	black	Tube	75	10			

Item No.	Colour	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 60 unit	€/unit beginning at 120 unit
810090	black	Cartridge	310	12			

TEROSON HOUSING AND FLANGE SEALANTS

Teroson

Fluid D

Paste-like, non-hardening sealant with a synthetic resin base.

- Spreadable
- Permanently thick paste
- Components can be assembled or disassembled immediately after the sealant has been applied or at any later time
- Resistant to mineral and Diesel oil and anti-freeze

Area of application: For sealing easy-to-disassemble parts, housings, housing covers and flanges, particularly under vibration load and on corrosion-sensitive components.

Manufacturer: Henkel

Operating temperature range: -40°C to +120°C



Item No.	Colour	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 50 unit	€/unit beginning at 100 unit
417620	blue	Tube	75	10			
162930	blue	Tube	200	10			

TEROSON CR ADHESIVES (POLYCHLOROPRENE)

Terokal 2444



Spreadable contact adhesive with a CR base for rubber/rubber and rubber/metal bonds. Terokal 2444 is not suitable for polystyrene foams (e.g. Styrofoam®) or soft PVC.

- Good drying properties
- Good contact adhesion
- Bond is flexible, water- and heat-resistant

Manufacturer: Henkel

Area of application: The main areas of application include the bonding of rubber mats and insulation rubber matting to concrete, masonry, wood-based materials and steel. Particularly: Bonding full and foam rubber materials as well as flexible foams, leather, felt or insulation to rubber and metals.

Operating temperature range: -30 °C to +90 °C

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 30 unit
161960	Tube	58	10			
161930	Tube	175	10			

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 36 unit
161940	Can	340	12			
161970	Can	670	12			

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 3 unit	€/unit beginning at 10 unit
161950	Bucket	5000	1			
756720	Hobbock	23000	1			

TEROSON SBR ADHESIVES NBR ADHESIVE

Teroson

Zement-BE

Highly viscous contact adhesive containing solvents with an SBR base.

Zement-BE is not suitable for soft PVC.

- Easy to spread
- Good contact adhesion
- Forms minimal adhesive threads

Manufacturer: Henkel

Area of application: Areas of application include the bonding of materials such as felts, textiles, cardboards, insulation (mineral fibres), rubber, metals, flexible foams, GFK surfaces, concrete, fibre cement plates, plasterboard, hard PVC and polystyrene.

Operating temperature range: -30 °C to +80 °C



Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 30 unit
162020	Tube	55	10			

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 36 unit
162030	Can	650	12			

Terokal 914

Contact adhesive containing solvents with an NBR base, a high bond strength and good resistance to fading. Terokal 914 can also be used to bond numerous light-coloured PVC films as a result of its resistance to contact discolouration. The strong initial adhesion also enables bonding under tension.

- Achieves a high bond strength
- No contact discolouration
- Plasticiser-resistant

Manufacturer: Henkel

Area of application: The main areas of application include the bonding of PVC films and artificial leather together and to metals, wood-based materials, GFK and cardboards.

Operating temperature range: -30 °C to +80 °C



Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 36 unit
161880	Can	680	12			

TEROSON 2C POLYURETHANE ADHESIVES CLEANERS, THINNERS

Teromix 6700



Paste-like, solvent-free 2C adhesive with a polyurethane base which is applied directly from a double cartridge with a static mixer. Teromix 6700 is used in the metal processing industry, where companies rely on high-strength, elastic and fast-setting bonds for bracing or for bonding joints in office furniture production.

- Simple handling
- Economical (saves a significant amount of time)
- High-strength
- Excellent chemical resistance
- Can be varnished

Manufacturer: Henkel

Area of application: Targeted use in structural metal bonds, e.g. anodised stainless steel/aluminium, and in vehicle construction for the quick and efficient bonding of trim parts.

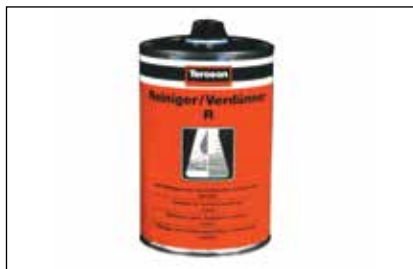
Operating temperature range: -30 °C to +80 °C

Item No.	Item name	Container size	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 18 unit
1069260	Double cartridge	50 ml	6			

Item No.	Item name	Container size	Unit	€/unit beginning at 1 unit	€/unit beginning at 3 unit	€/unit beginning at 10 unit
1069280	Static mixer		12			

Item No.	Item name	Container size	Unit	€/unit beginning at 1 unit	€/unit beginning at 3 unit	€/unit beginning at 10 unit
1069270	Manual applicator		1			

Teroson cleaners & thinners



Cleaning solutions have been used especially to meet the different system requirements for bonding. They are used primarily to pre-clean the working surfaces for the actual system setup.

Terokal thinners are a solvent mixture used to alter the viscosity of an adhesive. They allow the targeted adjustment of the adhesive consistency to match the respective application methods.

Manufacturer: Henkel

Item No.	Container type	Container size l	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 36 unit
162110	Can	1	12			

Item No.	Container type	Container size l	Unit	€/unit beginning at 1 unit	€/unit beginning at 3 unit	€/unit beginning at 10 unit
876860	Can	10	1			

WACKER SILICONES

RTV-1 SILICONE RUBBERS

WACKER

Elastosil

ELASTOSIL® A, N and E are brand names for RTV-1 silicone rubbers from WACKER. These products are ready-to-use single-component materials which react with air humidity to form a silicone elastomer (RTV-1 = room temperature cross-linking, 1-component). They can be used universally for seals, bonds and coatings in numerous branches of industry. Fission products are released during vulcanisation: Amine (ELASTOSIL® A), acetic acid (ELASTOSIL® E) or oxime/alcohol (ELASTOSIL® N).

Features:

- Fluid to firm
- Very good adhesion to various substrates without priming
- Excellent weather and ageing resistance
- Temperature-resistant from -50 °C to +180 °C, heat-stabilised types (E 10, E 70, E 14) up to +250 °C



Item No.	Type	Colour	Container type	Con-tainer size ml	Viscosity at 23°/mPa s	Unit	€/unit beginning at 1 unit	€/unit beginning at 24 unit	€/unit beginning at 48 unit
165940	A07	Translucent	Tube	90	Firm	24			
165900	A33	Ivory	Tube	90	Firm	24			
165960	E4	transparent	Tube	90	Firm	24			
165980	E43	transparent	Tube	90	Easily levelling	24			
166000	E70	red	Tube	90	Fluid	24			
877400	N10	transparent	Tube	90	Thin fluid	24			
574810	N189	black	Tube	90	Firm	24			
780920	N199	transparent	Tube	90	Firm	24			

Item No.	Type	Colour	Container type	Con-tainer size ml	Viscosity at 23°/mPa s	Unit	€/unit beginning at 1 unit	€/unit beginning at 25 unit	€/unit beginning at 75 unit
165890	A33	Ivory	Cartridge	310	Firm	25			
106740	A234	White	Cartridge	310	Fluid	25			
570330	E4	transparent	Cartridge	310	Firm	25			
827560	E10	red	Cartridge	310	Thin fluid	25			
166030	E14	red	Cartridge	310	Firm	25			
165970	E43	transparent	Cartridge	310	Easily levelling	25			
4119390	E43	black	Cartridge	310	Easily levelling	25			
10073378	E43N	transparent	Cartridge	310	Easily levelling	25			
165990	E70	red	Cartridge	310	Fluid	24			
877410	N10	transparent	Cartridge	310	Thin fluid	25			
419270	N189	black	Cartridge	310	Firm	25			
780930	N199	transparent	Cartridge	310	Firm	25			
4460390	N2010	transparent	Cartridge	310	Fluid	25			

WACKER

RTV-2 SILICONE RUBBERS

Applying Wacker RTV-2 silicone rubbers

With RTV-2 silicone rubbers (= room temperature vulcanisation of 2 components), the main component is vulcanised with the addition of a second component.

Condensation curing

The condensation-curing RTV-2 silicone rubbers and ELASTOSIL M products vulcanise with the addition of a liquid or paste-like hardener to form a rubber compound. Depending on the type and quantity of the hardener, longer or shorter application times may be required, whereby certain hardeners and quantities are stipulated for each type of rubber. The condensation-curing products are insensitive to vulcanisation disturbances caused by modelling materials. They do, however, experience a slight shrinkage (<1% linear) as a result of the volatile alcohols produced during cross-linking.

The mould only retains the properties stipulated in its specification if all reaction products (small amounts of alcohol) have escaped from the vulcanisate. For this reason, moulds consisting of condensation-curing RTV-2 silicone rubbers must be stored at room temperature for a period of 48–72 hours (depending on the vulcanisation time and layer thickness) before the reproduction material is added.

Addition curing

In order to vulcanise the addition-curing RTV-2 silicone rubbers and ELASTOSIL M products, the two components (A and B) are mixed to the exact specified weight ratio. Vulcanisation occurs without the release of any fission products and therefore involves practically no shrinkage.

In order to achieve the specified vulcanisation properties, the exact stipulated mix ratio must be applied. The pot life and vulcanisation time can only be changed as a result of a temperature change or by adding the OL catalyst or an inhibitor.

Certain substances, which are often contained within conventional modelling materials, can however affect (inhibit) the vulcanisation of these types. For this reason, preliminary tests must be performed to determine whether the rubber can be processed without problems.

Moulds made from addition-curing RTV-2 silicone rubber can be used immediately after being removed from the model.

Preparing the components

(Condensation and addition curing)

All pourable materials and compounds must be stirred before they are applied in order to ensure the even distribution of the fillers they contain. In the case of types with a high tear resistance, stirring also guarantees optimum flow properties.

Dosing the components

It is strongly recommended that the components are weighed out precisely, since reproducible application and vulcanisation times as well as the specified vulcanisation properties can only be achieved if the exact mix ratio is applied.

Releasing stirred-in air

In order to produce a bubble-free vulcanisate, fluid mixtures should be deaerated (evacuated) under reduced pressure (10–20 mbar) in a dehydrator or vacuum cabinet.

Since the catalysed compound expands significantly during evacuation, the container used must only be filled to a maximum of a quarter of its overall volume. During evacuation, the compound rises initially and then usually drops back down before it reaches the rim of the container. If the compound threatens to overflow, the container is ventilated and this procedure is repeated until the compound collapses back upon itself in the presence of a full vacuum. The evacuation is aborted immediately thereafter. The ventilation should last no longer than 5 minutes, i.e. evacuation should never continue until no more bubbles are formed, as this could cause components required for vulcanisation to escape.

Applying compounds to the model

After being aerated in the vacuum, pourable compounds are applied to the object to be cast in a thin stream from as short a distance as possible. The position at which the stream is applied should not be changed where possible. If evacuation is not possible or if a spreading technique is used, bubble-free moulded surfaces can be achieved by applying a thin layer of the catalysed compound to the model using a rigid, short-bristled brush. As soon as the layer begins to vulcanise, but while it is still sticky, the remaining rubber is poured in a thin stream from a great height or, if a spreading technique is used, applied using a spatula, without damaging the base layer.

For further information, please refer to the individual data sheets.

WACKER SILICONES

RTV-2 SILICONE RUBBERS

WACKER

Condensation-curing

The product consists of a main component and a hardening component, i.e. the main component is vulcanised by adding a second component (hardener) at room temperature and in the presence of humidity. This results in a linear shrinkage between approx. 0,2% – 1%. Our customer advisers will be happy to give you further details and tailored advice on selecting the right product for your requirements.

Applications:

- Electronics industry
- Mechanical engineering industry
- Automobile industry
- Household appliances industry



Item No.	Type	Colour	Container type	Container size kg	Unit	Hardener/ Mix ratio	Shore hardness A	€/ kg
419210	RT K	Light grey	Can	1	1	T 40 / 4%	45	
166390	RT K	Light grey	Bucket	5	1	T 40 / 4%	45	
166210	RT 426	Red-brown	Can	1	1	T 40 / 2%	55	
166220	RT 426	Red-brown	Bucket	5	1	T 40 / 2%	55	
567750	RT 426	Red-brown	Hobbock	25	1	T 40 / 2%	55	
166310	RT 563	Light grey	Can	1	1	T 40 / 4%	55	

Addition-curing

The product consists of an A component and a B component, contains an organic platinum compound and no fission products are released during vulcanisation. There is no drop in weight and it has a very low shrinkage rate. The vulcanisation process can be accelerated by means of heating or can be adjusted accordingly with the addition of additives. There is no reversion during curing at high temperatures. Our customer advisers will be happy to give you further details and tailored advice on selecting the right product for your requirements.

Applications:

- Electronics industry
- Mechanical engineering industry
- Automobile industry
- Household appliances industry



Item No.	Type	Colour	Container type	Container size kg	Unit	Mix ratio	Shore hardness A	€/unit
978490	RT 601 A/B	transparent	Can	1	1	A:B = 9:1	45	
4218720	RT 601 A/B	transparent	Bucket	5	1	A:B = 9:1	45	
166500	RT 602 A/B	Light grey	Can	1	1	A:B = 9:1	30	
166510	RT 602 A/B	Light grey	Bucket	5	1	A:B = 9:1	30	
166420	RT 604 A/B	transparent	Can	1	1	A:B = 9:1	25	
166430	RT 604 A/B	transparent	Bucket	5	1	A:B = 9:1	25	
166440	RT 607 A/B	Red-brown	Can	1	1	A:B = 9:1	55	
166450	RT 607 A/B	Red-brown	Bucket	5	1	A:B = 9:1	55	
10019515	Silgel 612 A/B	transparent	Can	1	1	A:B = 1:1	75	
990200	Silgel 612 A/B	transparent	Bucket	10	1	A:B = 1:1	75	
166460	RT 622 A/B	Red-brown	Can	1	1	A:B = 9:1	27	
166470	RT 622 A/B	Red-brown	Bucket	5	1	A:B = 9:1	27	
488080	RT 622 A/B	Red-brown	Hobbock	25	1	A:B = 9:1	27	
475930	RT 625 A/B	Translucent	Can	1	1	A:B = 9:1	25	
475950	RT 625 A/B	Translucent	Bucket	5	1	A:B = 9:1	25	
1029510	RT 675 A/B	Red-brown	Can	2	1	A:B = 1:1	60	
10019694	RT 675 A/B	Red-brown	Bucket	10	1	A:B = 1:1	60	

WACKER SILICONES

PRIMING



This primer is particularly suitable for the bonding of addition-curing RTV-2 types.
G790 primer, pure: When undiluted, subsequent heat treatment of the substrates is recommended. A burn-in time of 15 minutes at 100°C is also recommended.
G790 primer, 1:1 diluted with white spirit:
Good adhesive values are often achieved after airing the solvent and after storage in air for 30 minutes at room temperature, meaning that burning-in is no longer required.

Item No.	Type	Colour	Container type	Container size g	Unit	Application	€/unit beginning at 1 unit	€/unit beginning at 10 unit
166810	G 718	Yellow-red	Bottle	800	1	For plastics		
166820	G 790	Yellowish	Bottle	800	1	For metals		

WACKER SILICONES MOULDING COMPOUNDS

WACKER

Condensation-curing

The wide range of RTV-2 silicone rubbers available under the ELASTOSIL® M brand is tailored precisely to practical requirements and enables moulding at all levels of difficulty with minimum mould construction required. Various types with excellent resistance properties, enabling the maximum number of castings to be taken from the mould with the highest degree of accuracy, are available for every reproduction material, whether it is wax, gypsum, concrete, cast resin or low-melting metal alloy.

Condensation-curing products are subjected to a linear shrinkage between 0,2% and 0,8% after 7 days. The colour of the product can be changed by adding colour pastes.



Item No.	Type	Properties	Colour	Container type	Con- tain- er Size kg	Shore A	Viscosity mPa s	Hardener	€/unit
841830	M 1470	Hard, high mech. strength	Pink	Bucket	5	50	>1000000	T40 paste	
841840	M 1470	Hard, high mech. strength	Pink	Hobbock	25	50	>1000000	T40 paste	
4035830	M 3502	High elasticity and mech. strength	white	Bucket	5	26	>1000000	T21	
4035840	M 3502	High elasticity and mech. strength	white	Hobbock	25	26	>1000000	T21	
762740	M 4400	Soft, high elasticity	Light yellow	Bucket	5	23	25000	T37+T40	
762750	M 4400	Soft, high elasticity	Light yellow	Hobbock	25	23	25000	T37+T40	
762830	M 4440	Medium-hard	Beige	Can	1	37	20000	T37+T40+T	
762840	M 4440	Medium-hard	Beige	Bucket	5	37	20000	T37+T40+T	
762850	M 4440	Medium-hard	Beige	Hobbock	25	37	20000	T37+T40+T	
762870	M 4470	Hard, heat-resistant	Red-brown	Can	1	60	10000	T37+T40	
762880	M 4470	Hard, heat-resistant	Red-brown	Bucket	5	60	10000	T37+T40	
762890	M 4470	Hard, heat-resistant	Red-brown	Hobbock	25	60	10000	T37+T40	
876880	M 4500	Very soft	white	Hobbock	25	14	20000	T12	
762760	M 4503	Soft	white	Can	1	25	40000	T35	
762770	M 4503	Soft	white	Bucket	5	25	40000	T35	
762780	M 4503	Soft	white	Hobbock	25	25	40000	T35	
4009510	M 4511	Very soft, very high elasticity	white	Can	1	12	20000	T21+T51	
4009520	M 4511	Very soft, very high elasticity	white	Bucket	5	12	20000	T21+T51	

WACKER SILICONES MOULDING COMPOUNDS

Addition-curing



The wide range of RTV-2 silicone rubbers available under the ELASTOSIL® M brand is tailored precisely to practical requirements and enables moulding at all levels of difficulty with minimum mould construction required. Various types with excellent resistance properties, enabling the maximum number of castings to be taken from the mould with the highest degree of accuracy, are available for every reproduction material, whether it is wax, gypsum, concrete, cast resin or low-melting metal alloy.

Addition-curing products are subjected to a linear shrinkage of less than 0,1 % after 7 days. The colour of the product can be changed by adding colour pastes.

Item No.	Type	Properties	Colour	Container type	Con- tainer Size kg	Shore A	Viscosity mPa s	Mix ratio	€/unit
795670	M 4370	Hard, heat-resistant	Red-brown	Bucket	5	55	8000	A:B = 9:1	
4557590	M 4370	Hard, heat-resistant	Red-brown	Hobbock	30	55	8000	A:B = 9:1	
989320	M 4600	Soft	Translucent	Bucket	5,5	20	15000	A:B = 10:1	
762900	M 4601	Soft	Red-brown	Can	1	28	20000	A:B = 9:1	
762910	M 4601	Soft	Red-brown	Bucket	5	28	20000	A:B = 9:1	
762920	M 4601	Soft	Red-brown	Hobbock	25	28	20000	A:B = 9:1	
1010810	M 4642	Medium-hard	Dark red	Bucket	5,5	15000	15000	A:B = 10:1	
987190	M 4643	Medium-hard	grey	Can	1	48	25000	A:B = 9:1	
987200	M 4643	Medium-hard	grey	Bucket	5	48	25000	A:B = 9:1	
987210	M 4643	Medium-hard	grey	Hobbock	30	48	25000	A:B = 9:1	
1030130	M 4644	Medium-hard	transparent	Bucket	5,5	40	50000	A:B = 10:1	
1060780	M 4670	Hard	Beige	Bucket	5,5	55	80000	A:B = 10:1	

WACKER SILICONES HARDENERS FOR RTV-2 SILICONE RUBBERS



Curing systems for 2C condensation-curing silicone rubbers which vulcanise at room temperature.



Item No.	Type	Container type	Container size g	Unit	€/unit
166640	T	Bottle	200	1	
166660	T	Bottle	800	1	
4036030	T 21	Bottle	260	1	
4036040	T 21	Bottle	800	1	
166770	T 35	Bottle	60	1	
166760	T 35	Bottle	270	1	
166780	T 35	Bottle	800	1	
166620	T 37	Bottle	40	1	
1017010	T 37	Bottle	200	1	
166630	T 37	Bottle	800	1	
166590	T 40	Bottle	40	1	
4177420	T 40	Bottle	200	1	
166600	T 40	Bottle	800	1	
166790	T 40 paste	Tube	100	1	
4612500	T 47	Bottle	200	1	
166570	T 47	Bottle	800	1	
4036000	T 51	Bottle	270	1	
4036010	T 51	Bottle	800	1	
10070686	T 77	Tube	100	1	

WACKER SILICONE PASTES AND OILS

SILICONE PASTES



Wacker P

Translucent, Vaseline-like, relatively firm, water-repellent paste; softens under the effect of shear forces or mechanical load. This makes a lighter application possible in many cases; the consistency itself is slightly dependent on temperature.

Application:

- For O-ring assembly and rubber profile greasing
- As a sealant during valve and tap greasing
- As a release agent for extruders, dies and socket fittings
- Operating temperature range: -40 °C to +200 °C

Wacker P12

Soft paste with distinctive heat conductivity properties: Electrically isolating. Suitable as an assembly aid in the field of electronics and measurement and control technology for the heat dissipation of electronic components such as power transistors. P12 is also suitable for use as a contact medium on temperature sensors.

- Operating temperature range: -30 °C to +200 °C

Wacker AP

Opaque to white paste with a medium consistency;
POWERSIL Paste AP was especially developed to assist in winding the cable fittings during the assembly of cable sealing terminals, cable sleeves or cable connectors.
The paste combines the excellent dielectric properties of silicone while having little or no swelling effect on a silicone elastomer touching the paste.

Item No.	Type	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 24 unit	€/unit beginning at 48 unit
166080	P	Tube	90	24			

Item No.	Type	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 20 unit
166070	P	Can	1000	1			

Item No.	Type	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 24 unit	€/unit beginning at 48 unit
166150	P 12	Tube	90	24			

Item No.	Type	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 20 unit
174400	P 12	Can	2000	1			

Item No.	Type	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 24 unit	€/unit beginning at 48 unit
10091388	Powersil AP	Tube	90	24			

WACKER SILICONE PASTES AND OILS SILICONE OILS AND RELEASE AGENTS

WACKER

Wacker AK

Are water-clear liquids available with viscosities ranging from 0,65 to 1.000.000 mm²/s which are characterised by their molecular structure. The number in the type designation indicates the viscosity of the silicone oil in mm²/s.

Applications:

- Release agents
- Lubricants
- Damping media
- Hydraulic oils
- Dielectric fluids
- Hydrophobing agents
- Heat-resistant up to +150 °C



Item No.	Type	Container type	Container size kg	€/unit
165800	AK 100	Bottle	0,5	
551700	AK 100	Canister	5	
4122730	AK 100	Hobbock	25	
165810	AK 350	Bottle	0,5	
165820	AK 350	Canister	5	
844560	AK 350	Hobbock	25	
877420	AK 500	Canister	5	
549950	AK 500	Hobbock	25	
877430	AK 5000	Bottle	0,5	
877450	AK 30000	Bottle	0,5	
877460	AK 30000	Hobbock	25	
877470	AK 100000	Hobbock	25	

Wacker AK 200 Spray

For universal use as a release agent and lubricant for industry, households and hobbies.

Applications:

- In the vehicle manufacturing industry as a rubber and plastic care product
- As a frost protection agents for locks and moving parts located outdoors
- In the home as a lubricant
- Not suitable as a release agent for silicones



Item No.	Type	Unit	Container size ml	€/unit beginning at 1 unit	€/unit beginning at 20 unit	€/unit beginning at 40 unit
165880	AK	20	200			

SIKA

SIKAFLEX SEALANTS

Sikaflex 221



A well-established, tried-and-tested, versatile, firm 1C polyurethane sealing compound which hardens in the presence of humidity to form an elastomer. Suitable surfaces include wood, metals, primers and paint finishes (2C systems), ceramic materials, plastics. In the case of transparent surfaces and those which are prone to stress cracks, object-related consultation is required.

- Elastic
- Low-odour, ageing- and weather-resistant
- Non-corrosive
- Can be varnished
- Sandable

Operating temperature range: -40 °C to +90 °C

Item No.	Colour	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 24 unit
4005480	white	Cartridge	300	12			
4005470	grey	Cartridge	300	12			
4040860	black	Cartridge	300	12			
4236360	white	Pouch	400	12			
4236050	grey	Pouch	400	12			
4662800	black	Pouch	400	12			

Item No.	Colour	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 20 unit	€/unit beginning at 40 unit
4040880	white	Pouch	600	20			
4040870	grey	Pouch	600	20			
4040890	black	Pouch	600	20			

Sikaflex 521 UV



An elastic, highly adhesive, versatile, firm 1C polyurethane hybrid sealant which hardens in the presence of humidity to form an elastomer. Suitable surfaces include wood, metals, primers and paint finishes (2C systems), ceramic materials and plastics. In order to ensure adhesion and material compatibility, preliminary tests must be performed with original materials under the appropriate conditions.

- Ageing- and weather-resistant
- Can be applied to various surfaces without primer
- Can be varnished
- Sandable
- Low-odour
- Non-corrosive
- High electrical resistance
- VOC- and solvent-free
- Silicone-free
- PVC-free

Operating temperature range: -40 °C to +90 °C

Item No.	Colour	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 24 unit
4385200	white	Cartridge	300	12			
4385210	grey	Cartridge	300	12			
4236060	black	Cartridge	300	12			

SIKA

SIKAFLEX ADHESIVES



Sikaflex 252

A firm, paste-like 1C polyurethane adhesive, which hardens to form an elastomer in the presence of humidity. Suitable surfaces include wood, metals (particularly aluminium, including anodised), steel plate (including phosphatised, chromated and galvanised), primers and paint finishes (2C systems), ceramic materials, plastics. In the case of transparent plastics and those which are prone to stress cracks, object-related consultation is required.

- Can be subjected to high dynamic loads
- Elastic
- Can be varnished
- Tolerance-compensating
- Reduces vibrations
- Non-corrosive
- Wide adhesive spectrum
- High electrical resistance



Operating temperature range: -40 °C to +90 °C

Item No.	Colour	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 24 unit
4040900	white	Cartridge	300	12			
4040910	black	Cartridge	300	12			

Item No.	Colour	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 20 unit	€/unit beginning at 40 unit
4040930	white	Pouch	600	20			
4040940	black	Pouch	600	20			

Sikaflex 260 N

A versatile 1C polyurethane adhesive. It is simple to apply and hardens in the presence of humidity. Suitable surfaces include wood, metals (particularly aluminium, including anodised), steel plate (including phosphatised, chromated and galvanised), glass, primers and paint finishes (2C systems), ceramic materials and plastics. In order to ensure adhesion and material compatibility, preliminary tests must be performed with original materials under the appropriate conditions.

- Features a broad adhesive spectrum
- Firm
- Short thread breaking
- Can be applied cold
- OEM quality
- Can be subjected to high dynamic loads
- Impact- and shock-resistant
- Reduces vibrations
- Sound-absorbent
- Can be sanded and varnished
- Ageing- and weather-resistant.



Operating temperature range: -40 °C to +90 °C

Item No.	Colour	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 24 unit
4040950	black	Cartridge	300	12			

SIKA

SIKAFLEX ADHESIVES

Sikaflex 552



A heavy-duty, elastic, tolerance-compensating 1C structural adhesive, which hardens to form an elastomer in the presence of humidity. Suitable surfaces are metals (particularly aluminium, including anodised), steel plate (including phosphatised, chromated and galvanised), primers and paint finishes (2C systems), ceramic materials, plastics. In the case of transparent plastics and those which are prone to stress cracks, object-related consultation is required.

- UV-, ageing- and weather-resistant
- Broad adhesive spectrum, can be applied to various surfaces without special pre-treatment
- Elastic
- Can be subjected to high dynamic loads
- Can be varnished
- Low-odour
- Non-corrosive
- High electrical resistance
- VOC- and solvent-free
- Silicone-free
- PVC-free

Operating temperature range: -40 °C to +90 °C

Item No.	Colour	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 24 unit
4168780	white	Cartridge	300	12			
4385270	black	Cartridge	300	12			

Item No.	Colour	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 20 unit	€/unit beginning at 40 unit
10006714	white	Pouch	600	20			

SIKA

SIKAFAST ADHESIVES



SikaFast

Based on the newly developed ADP technology from Sika; is a fast-hardening, slightly elastic 2C adhesive with an open time of 5 minutes. SikaFast 5215 is suitable for the structural bonding of concealed connections on various surface materials such as coil-coating sheets, plastics, glass, etc.

Product advantages:

- Rapid strength build-up in just a few minutes following application
- Good adhesion to numerous metals and plastics and to glass
- With no or minimal surface pre-treatment
- High-strength
- Deep-filling/tolerance-compensating (up to 3 mm)
- Flexible
- Vibration-absorbent
- Solvent- and acid-free
- Easy to mix
- Low-odour
- NSF approved

Operating temperature range: -40°C to +80°C



Item No.	Container	Type	Container size	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 24 unit
4385320	DK	SikaFast 5215	50 ml	12			
4385310	DK	SikaFast 5215	250 ml	12			

Item No.	Container	Type	Container size	Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit
4455910	Pouch	Static mixer	For 50 ml cartridge	12		
4455920	Pouch	Static mixer	For 250 ml cartridge	1		

Item No.	Container	Type	Container size	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit
4385410	Can	SikaADPrep	250 ml	1		

Item No.	Container	Type	Container size	Unit	€/unit beginning at 1 unit
10063285	DK, mixer, applicator, Can ADPrep	SikaFast Starter kit	50 ml	1	

SIKA

SIKASIL SEALANTS

Sikasil E-Plus



An elastic 1C sealant with a silicone rubber base, acetate system. Mould-reducing additives enable use in sanitary facilities.

- Very good application properties
- Fungicidal
- Permissible total deformation of 25 %
- Secure adhesion to standard building materials

Operating temperature range: -40 °C to +180 °C

Item No.	Colour	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 24 unit
163380	transparent	Cartridge	300	12			
4385350	white	Cartridge	300	12			
163350	grey	Cartridge	300	12			
4385340	black	Cartridge	300	12			

Item No.	Colour	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 20 unit	€/unit beginning at 40 unit
10006713	transparent	Pouch	600	20			

SIKA CLEANERS AND PRIMERS



Sika activator 205 (cleaner 205)

An alcoholic solution with an actively-adhesive substance for cleaning and activating surfaces before bonding and sealing with Sikaflex® products. For cleaning and activating non-porous surfaces such as metals, plastics, glazed ceramic and painted surfaces.



Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit
4040970	Can	250	6		
4179450	Can	1000	1		

Sika Remover 208

A versatile, solvent-based cleaning agent. For cleaning non-hardened Sikaflex® sealants and adhesives on tools and soiled non-porous materials. Pre-cleaning of heavily soiled non-porous materials. Cleaning of painted surfaces prior to bonding. Applied in accordance with the Sika pre-treatment table.



Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit
4226680	Can	1000	1		
4045830	Can	5000	1		
4041010	Aerosol can	400	1		

Sika Activator

A cleaning solution for the pre-treatment of bonded surfaces, and particularly for direct glazing with Sika® polyurethane adhesives. Sika® Activator ensures adhesion on:

- Ceramic screen printing
- PU pre-coated panes
- PU residual adhesive strings
- Recently painted surfaces



Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit
4040980	Can	250	1		
4287950	Can	1000	1		

SIKA CLEANERS AND PRIMERS

Sika Primer 206 G+P



A black, moisture-curing prime coat for the pre-treatment of bonded surfaces, and particularly for direct glazing with Sika® polyurethane adhesives. Sika® Primer 206 G+P is used to improve the adhesion in adhesive applications on glass and ceramic-coated glass, plastics and various metals and to repair small paintwork defects. Sika® Primer 206 G+P must only be used in direct glazing when UV protection is insufficient or on small paintwork scratches. Sika glazing adhesives are primer-free.

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit
4236110	Can	250	1		

SIKA DEVICES AND ACCESSORIES



Manual applicator for SikaFast 50 ml double cartridge

Light, easy to use manual applicator for applying Sikafast adhesives from 50 ml double cartridges.



Item No.	Unit	€/unit	
		beginning at 1 unit	beginning at 3 unit
4385390	1		

Manual applicator for SikaFast 250 ml double cartridge

Light, easy to use manual applicator for applying Sikafast adhesives from 250ml double cartridges.



Item No.	Unit	€/unit	
		beginning at 1 unit	beginning at 3 unit
4385400	1		

EPPLE SEALANTS

Epple 32



Black, permanently-elastic sealant. Resistant to acid, lye, oxidants, alcohol, saline solution, boiling water. Not resistant to oil, fuel, greases. Special properties: Silicone-free.

Operating temperature range: -50 °C to +110 °C

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 15 unit	€/unit beginning at 75 unit
162720	Cartridge	310	15			

Epple 33



Grey sealant with good adhesion to rough surfaces and threads and to absorbent materials. Hard-elastic, resistant to oil, fuel, anti-freeze, water. Special properties: Silicone-free.

Operating temperature range: -30 °C to + 320 °C

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 20 unit	€/unit beginning at 100 unit
162730	Tube	100	20			

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 60 unit
176750	Brush can	250	12			
162740	Can	500	12			

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 30 unit
162750	Can	1000	6			

EPPLE SEALANTS



Epple 35

Grey, spreadable sealant for use at high temperatures. Hard and wear-resistant after drying. Resistant to oil, grease, fuel, solvents. Not water-resistant. Special properties: Silicone-free, non-combustible and labelling-free.

Operating temperature range: -30 °C to +800 °C



Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 30 unit
162760	Can	1000	6			

Epple 37

Grey sealant; resistant to heat and chemicals, boiling water, coolant, fuel, hot mineral oils. Remains elastic up to +120 °C; up to a maximum temperature of +400 °C post-curing occurs gradually. Special properties: Silicone-free.

Operating temperature range: -30 °C to +400 °C



Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 15 unit	€/unit beginning at 75 unit
162780	Cartridge	310	15			

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 30 unit
1121240	Can	1000	6			

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit	€/unit beginning at 10 unit
162790	Bucket	5000	1			

EPPLE SEALANTS

Epple 46



Grey sealant with an aqueous polyacrylate dispersion base. Weather-proof, very good adhesion to a diverse range of surfaces. Resistant to mineral oils, alcohol and anti-freeze. Special properties: Silicone-free, labelling-free, can be varnished and is compatible with paint in accordance with test specification 1,001. of the IPA.

Operating temperature range: -10 °C to +180 °C

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 15 unit	€/unit beginning at 75 unit
1079460	Cartridge	310	15			

Epple Stucarit 203



The optimum sealing paste for surfaces and threads. Does not harden, does not bond, contains no solvents. Resistant to oils, greases, fuels, acids and lye. Particularly suited to surface roughnesses of up to 30 micrometres.

Colour: yellow

Operating temperature range: -50 °C to +250 °C

Item No.	Container type	Container size ml	Unit	€/unit
162840	Tube	95	20	
162830	Can	1000	6	

Epple Stucarit 309



Permanently-plastic, paste-like sealing gel for surfaces and threads. Does not harden, does not bond, odour-free, non-toxic, no harmful vapours. Resistant to water, saline solutions, mineral oils. Particularly suited to gap widths of up to 80 micrometres.

Colour: blue

Operating temperature range: -30 °C to +120 °C

Item No.	Container type	Container size ml	Unit	€/unit
418110	Tube	95	20	
10027317	Cartridge	310	15	
659390	Can	1000	6	

EPPLE ADHESIVES



Epple classic 4551

A versatile adhesive used for quick and small connections and for absorbent materials. The adhesive film remains transparent and elastic.

Operating temperature range: -30 °C to +80 °C



Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 40 unit	€/unit beginning at 200 unit
417900	Tube	85	40			

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 30 unit
417640	Can	900	6			

Epple classic 5601 A&B

A 2C adhesive with a base consisting of epoxy resins and amine hardeners. Characterised by its low viscosity and a long pot life. Epple 5601 is used to bond metals and plastics. The product has a mix ratio of 1:1 for both gravimetric and volumetric mixtures.

Operating temperature range: -30 °C to +150 °C



Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 30 unit
598920	Can set, 250 g	500	6			
541480	Bucket A, resin	5000	1			
541490	Bucket B, hardener	5000	1			

Epple classic 5752 A&B

Tear-resistant and highly elastic adhesive film, shock- and impact-resistant. Suitable for all elastic and peel-aligned bonds. Particularly suited to bonding PVC. Consists of base compound A: 475 g can and hardener B: 25 g bottle.

Operating temperature range: -30 °C to +100 °C



Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 9 unit	€/unit beginning at 45 unit
161550	Can/bottle	500	9			

EPPLE ADHESIVES

Epple easy 5610 A&B



A 2C adhesive with an epoxy resin base which is particularly suited to bonding metals to one another and to plastics. The adhesive retains its elasticity after hardening.

Operating temperature range: -20 °C to +80 °C

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 20 unit
4287470	Double cartridge	40	10			

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 4 unit	€/unit beginning at 8 unit
4034790	Double cartridge	400	4			

Epple easy 5612 A&B



A 2C adhesive with an epoxy resin base with which the adhesive joint remains visible. As a result of its low viscosity, it can also be used as a combination of adhesive and cast resin.

Operating temperature range: -20 °C to +120 °C

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 20 unit
4379490	Double cartridge	40	10			

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 4 unit	€/unit beginning at 8 unit
4034800	Double cartridge	400	4			

EPPLE CYANOACRYLATES



Epple 8210

Epple-bond 8210 is used to bond metals, plastics, rubber and other elastomers and has a good resistance to ageing. It is characterised by its high adhesive strength on the various bonded parts.



Item No.	Container size ml	Unit	Viscosity mPAS	€/unit beginning at 1 unit	€/unit beginning at 20 unit	€/unit beginning at 40 unit
10064432	20	20	15			

Epple 8212

Epple-bond 8212 is used to bond metals, plastics, rubber and other elastomers and has a good resistance to ageing. It is characterised by its high adhesive strength on the various bonded parts.



Item No.	Container size ml	Unit	Viscosity mPAS	€/unit beginning at 1 unit	€/unit beginning at 20 unit	€/unit beginning at 40 unit
4616840	20	20	30			

Epple 8213

Epple-bond 8213 is used to bond porous, absorbent parts as well as metals, plastics, rubber and other elastomers. The product features a good resistance to ageing and is characterised by its high adhesive strength on the various bonded parts.



Item No.	Container size ml	Unit	Viscosity mPAS	€/unit beginning at 1 unit	€/unit beginning at 20 unit	€/unit beginning at 40 unit
10030468	20	20	1000			
10055202	50	10	1000			

EPPLE THINNERS

Epple 11



Fast-airing solvent for cleaning purposes and for thinning sealants and adhesives.
Not to be used with solvent-free products.

Item No.	Container type	Container size ml	Unit	Chemical base	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 30 unit
162820	Can	1000	6	Eston			

EPPLE DEVICES AND ACCESSORIES



Epple easy mini applicator gun

Manual for 40 ml cartridges, available with 4:1, 1:1 or 10:1 plunger.



Item No.	Unit	€/unit
4379540	1	

Epple easy maxi applicator gun

Manual for 400 ml cartridges, 4:1.



Item No.	Unit	€/unit
4034840	1	

TECHNICOLL CONTACT- AND PRESSURE-SENSITIVE ADHESIVES

Technicoll 8044/Technicoll 8044 plus



Contact adhesive, PUR base. Transparent, contains solvents. Good resistance to plasticisers and improved water and ageing resistance thanks to cross-linking agents (see technical data sheet or request advice). Medium viscosity, spreadable and transparent. Forms a flexible adhesive joint. Suitable for bonding various plastics to one another, elastomers, wood-based materials, leather, textiles, artificial leather, also for PVC coatings (lorry covers), tents.

Technicoll 8044 can be used with or without Technicoll 8355 hardener.

Item No.	Container type	Type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 48 unit
876480	Can	8044	850	6			

Item No.	Container type	Type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit	€/unit beginning at 10 unit
876490	Can	4044	4500	1			
4114800	Bottle	Hardener 8355	40	1			

Technicoll 8050 toluene-free



A fast-contacting, high performance contact adhesive which ensures an excellent bond strength on numerous materials. The adhesive joint has good heat and water resistance properties. The adhesive joint can also be subjected to high shear and peel loading as well as tensile loads and impacts. Suitable for bonding rubber seals and for repairs in vehicle construction. Rubber coatings/metal, wood-based materials, e.g. horse boxes, rubber coating edge bonding. Not for: Soft PVC, PE, PP, PTFE (Teflon®), POM.

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 48 unit
161030	Can	750	6			

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit	€/unit beginning at 10 unit
4319480	Canister	14500	1			

TECHNICOLL CONTACT- AND PRESSURE-SENSITIVE ADHESIVES



Technicoll 8055 toluene-free

Fast-contacting multi-purpose contact adhesive with a particularly strong initial adhesion, long contact bonding time and further advantages for absorbent substrates. The relatively high viscosity prevents it from tearing off. Bonds created with Technicoll 8055 feature excellent heat and water resistance properties. Suitable for bonding rubber, foam rubber, plasticiser-free plastics, leather, cork and fabric to one another or to metals, wood and wood-based materials.



Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 48 unit
161090	Can	850	6			

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit	€/unit beginning at 10 unit
161100	Can	14500	1			

Technicoll 8058

A sprayable contact adhesive which develops a high initial adhesive strength and good heat resistance extremely quickly. This makes it possible to subject recently bonded parts to mechanical loads, even at an increased temperature. Suitable for bonding stainless steel/tension plate or plywood parts which can be further processed and placed under load immediately (e.g. as a result of grinding, polishing or hot-drying paint finishes), for container coatings, insulating materials on sheet metal for lorry cabs.



Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 48 unit
418380	Can	750	6			

TECHNICOLL CONTACT- AND PRESSURE-SENSITIVE ADHESIVES

Technicoll 8154



Bonding PS hard foams and insulating materials such as mineral fibre and glass fibre mats to metal, bituminised felt, aluminium and various plasticiser-free plastic films. Technicoll 8154 is a spreadable, non-filled contact adhesive with a long contact bonding time and a high resistance to water, humidity and heat.

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 48 unit
161180	Can	650	6			
4314340	Canister	13000	1			
487280	Hobbock	22000	1			

Technicoll 9220



Top product for the permanently tacky finishing of various materials. Solvent-free, aqueous, dries transparent, also bonds PE and PP. Extremely good heat resistance and good plasticiser resistance.

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
10051224	Can	900	10			

TECHNICOLL CONTACT- AND PRESSURE-SENSITIVE ADHESIVES



Technicoll 9221

For the permanently tacky finishing of various materials and similar to Technicoll 9220 but dries a yellowish/beige colour. Has a higher bonding strength than Technicoll 9220. Commonly used with foam rubber (EPDM).



Item No.	Container type	Container size g	Unit	€/unit
10053465	Can	900	10	

Technicoll 9222

A latex-based, solvent-free, aqueous contact adhesive with a long contact bonding time for a variety of applications. Good bonding properties when used with wood-based materials, soft and hard foams (e.g. Styrofoam), several plastics (not PE, PP, PTFE), leather, felt, textiles, flat laminates and painted or coated metals. (One contact surface should be absorbent.)



Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
4433260	Can	900	5			
10075892	Bucket	5000	1			

TECHNICOLL SOFT FOAM ADHESIVES

Technicoll 8102



Easy to spray contact adhesive for all common upholstery materials (with the exception of soft PVC and polystyrene foam). Fast-contacting with a high initial adhesive strength. Even a thin application achieves a good bonding strength, which is higher than the tear resistance of most foam types, even after just a short drying time.

Item No.	Container type	Container size kg	Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit	€/unit beginning at 10 unit
1059270	Can	13,5	1			

Technicoll 8127-1



Sprayable contact adhesive containing solvents with an SBS base. With a low residual tackiness for contact bonding. One-sided application possible under low loads. For bonding soft foams, PUR foam, plasticiser-free upholstery materials to wood, fleeces, cotton wool and cardboard.

Item No.	Container type	Container size kg	Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit	€/unit beginning at 10 unit
4284530	Can	15	1			
4337240	Barrel	160	1			

TECHNICOLL ADHESIVES FOR INSULATING MATERIALS



Technicoll 8150

Contact adhesive with an SBR base, can be sprayed onto insulating materials. Universal, sprayable, non-filled SBR contact adhesive with a long application time and a high resistance to water, humidity and heat. For bonding insulating materials such as felt, plasticiser-free foams, mineral and glass fibre mats to metal, aluminium and various plasticiser-free plastic films, plaster, bituminised felt.



Item No.	Container type	Container size kg	Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit	€/unit beginning at 10 unit
1082080	Canister	13	1			

Technicoll 8153

Insulating and Styrofoam adhesive, contact adhesive with an SBR base. Non-filled contact adhesive, particularly fast-contacting with increased resistance to water, humidity and heat. Bonding felt, PS hard foams (Styrofoam, Styrodur) in mould/model construction, mineral and glass fibre mats to bituminised felt, metal, aluminium sheets and plasticiser-free plastic films. Application: With a brush or roller (diluted with Technicoll 8363 also with a spray gun).



Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 48 unit
928910	Can	650	6			

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit	€/unit beginning at 10 unit
10027760	Can	4000	1			

TECHNICOLL 2C EPOXY RESIN ADHESIVES

Technicoll 8256/8259 parts A&B



High-quality, solvent-free 2K adhesive with an epoxy resin base, also available in a practical tube for small applications. Easy to mix thanks to a favourable mix ratio of 1:1 and visible colour change during mixing. For bonding metal and fixed materials such as ceramic, wood, numerous plastics, hard foams (excluding PS hard foams), flat laminates. Medium, still flowing consistency.

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
658130	Tube	130	10			

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit	€/unit beginning at 10 unit
658140	Can 8259 = 850 g	1850	1			

Technicoll 8266/8267 parts A&B



High-quality, solvent-free 2K adhesive with an epoxy resin base, also available in a practical tube for small applications. Easy to mix thanks to a favourable mix ratio of 1:1 and visible colour change during mixing. For bonding metal and fixed materials such as ceramic, wood, numerous plastics, hard foams (excluding PS hard foams), flat laminates. Thixotropic, firm adhesive.

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
846160	Tube	130	10			

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit	€/unit beginning at 10 unit
846170	Can 8267 = 850 g	1850	1			

TECHNICOLL CYANOACRYLATES



Technicoll 9501

Bonding small-area, well-suited parts made of metal, ceramic, plastic, rubber (e.g. EPDM), wood. Highly viscous, particularly suited to metal connections and an adhesive gap of up to 0,2 mm.



Item No.	Container type	Container size g	Unit	€/unit
10037613	Bottle	20	20	

Technicoll 9554

Bonding small-area, well-suited parts made of plastic, rubber, foam rubber (e.g. EPDM), metal and ceramic. Particularly suited to plastic/plastic and plastic/elastomer connections.



Item No.	Container type	Container size g	Unit	€/unit
4486110	Bottle	20	20	
4495150	Bottle	50	10	

TECHNICOLL THINNER

Technicoll 8363



Special thinner for contact adhesives such as Technicoll 8153 and 8154 which are used for bonding PS hard foams. Also for cleaning a variety of sensitive surfaces.

- For thinning adhesives
- Cleaning the application equipment
- Cleaning materials which are sensitive to solvents
- For removing adhesive spots/residues
- For removing greases and oils from the adhesive surfaces

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 48 unit
161330	Funnel can	675	6			

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit	€/unit beginning at 10 unit
10024813	Canister	3500	1			

Technicoll 8367



For thinning contact adhesives with a CR base and for cleaning equipment.

- For thinning adhesives
- Cleaning the application equipment
- For removing adhesive spots/residues
- For removing greases and oils from the adhesive surfaces

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 48 unit
876500	Funnel can	750	6			

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit	€/unit beginning at 10 unit
4298660	Canister	4000	1			
876520	Canister	22000	1			

TECHNICOLL PLASTIC ADHESIVES



Technicoll 8008 toluene-free

Universal plastic adhesive for small-area bonding of numerous plastics to one another and to other materials. Also well-suited to bonding these plastics to metal.

- Bonding plastic housing parts
- Gluing metal pins or magnets into plastic parts
- Plastic handles for steel tools



Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 48 unit
658100	Can	850	6			

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 36 unit
603870	Tube	38	12			

ARALDITE

2C POLYURETHANE (PUR) ADHESIVES

Araldite 2028 A&B



A clear-transparent 2C polyurethane adhesive which hardens at room temperature.

- Fast-hardening
- Good UV stability
- Suitable for bonding metals and plastics

Item No.	Container type	Container size ml	Unit	€/unit
10070707	Double cartridge	50	6	

ARALDITE 2K EPOXY RESIN (EP) ADHESIVES



Araldite 2011 A&B

A highly viscous all-purpose adhesive. Forms a hard and tough bond with a good strength under dynamic load. For a variety of metals, ceramic, glass, thermoplastics, rubber, PUR elastomers.

- Mix ratio: 1:1 volume ratio.
- Pot life: approx. 1,5 hours
- Minimum hardening time: 7 hours (at +23°C)



Item No.	Container type	Container size ml	Unit	€/unit
4306830	Double cartridge	50	6	
10070397	Double cartridge	200	6	

Araldite 2012 A&B

A fast-hardening epoxy resin multi-purpose adhesive with a highly viscous consistency. For small-area bonding of a diverse range of materials, such as metals, ceramic materials, glass, rubber and hard plastics.

- Mix ratio: 1:1 volume ratio
- Pot life: approx. 5 min.
- Minimum hardening time: 20 minutes (at +23°C)



Item No.	Container type	Container size ml	Unit	€/unit
4563100	Double cartridge	50	6	

Araldite 2013 A&B

A paste-like, 2C adhesive which hardens at room temperature. The thixotropic paste is characterised by its good contact adhesion and strength and has an excellent resistance to environmental influences and chemicals. Araldite 2013 was designed as a metal adhesive, but is also suitable for other materials such as ceramic, glass, rubber, hard plastics and most conventional materials.

- Metal-coloured paste
- Suitable for vertical applications
- Low shrinkage
- Good resistance to environmental influences and chemicals
- For bonding a diverse range of materials



Item No.	Container type	Container size ml	Unit	€/unit
4379590	Double cartridge	50	6	
10072624	Double cartridge	200	6	

ARALDITE 2K EPOXY RESIN (EP) ADHESIVES

Araldite 2014-1 A&B



An epoxy resin adhesive with very good heat and chemical resistance. Stone-grey paste with good gap filling properties. Good adhesive bond with various substrates. Good heat resistance up to +120°C depending on application and material.

- Mix ratio: 2:1 volume ratio
- Pot life: approx. 40 minutes
- Minimum hardening time: 4 hours (at +23°C)
- Applicator gun: Araldite Man Gun, mix ratio 2:1

Item No.	Container type	Container size ml	Unit	€/unit
4458000	Double cartridge	50	6	
4045400	Double cartridge	200	6	
10010651	Can/A+B	2000	1	

Araldite 2015 A&B



A thixotropic epoxy resin adhesive with good gap filling properties (does not flow out when applied with a thickness of up to 10 mm), tough-elastic with a high tensile shear and peel strength. Used primarily for SMC, GfK and metal bonds.

- Mix ratio: 1:1 volume ratio
- Pot life: approx. 30-40 minutes
- Minimum hardening time: 4 hours (at +23°C)

Item No.	Container type	Container size ml	Unit	€/unit
10029451	Double cartridge	50	6	
4079880	Double cartridge	200	6	

Araldite 2031 A&B



A paste-like 2C adhesive which hardens at room temperature and forms a resistant adhesive bond. The thixotropic paste does not flow out when applied with a thickness of up to 10 mm and is particularly suited to SMC and GfK bonds.

- Tough-elastic adhesive
- Suitable for bonding plastics, composite materials and metals
- Good adhesion to polyamides
- Excellent resistance to chemicals
- Low shrinkage

Item No.	Container type	Container size ml	Unit	€/unit
10080931	Double cartridge	50	6	

ARALDITE 2C METHYL METHACRYLATE (MMA) ADHESIVES



Araldite 2022 A&B

A fast-hardening, thixotropic multi-purpose 2C MMA adhesive for bonding plastics such as ABS, PC, PMMA, PVC, PA to one another and particularly for combination bonding with metals, ceramic or glass. Forms a hard and tough, opaque-translucent adhesive joint.

- Mix ratio: 1:1 weight/volume ratio
- Pot life: 10 minutes (at +20°C)
- Minimum hardening time: approx. 20 minutes (at +20°C)



Item No.	Container type	Container size ml	Unit	€/unit
4061810	Double cartridge	50	6	
10013878	Double cartridge	380	6	

PATTEX SPECIAL ADHESIVES/HOT BONDING

Pattex Stabilit Express



Is a fast-hardening 2C adhesive with a methacrylate base and which compensates for any unevenness in the material. High bond resistance to water, alcohol, petrol, oils and greases. Becomes firm after just 10 minutes.

Operating temperature range: -20 °C to +80 °C

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 120 unit
162620	Tube	30	6			

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 60 unit
176600	Tube	80	6			

Pattex hot sticks transparent



For hot bonding with Pattex guns or other hot glue guns. Pattex cartridges bond virtually all materials. Exception: Soft PVC, polyethylene and Styrofoam.

- The bond is firm and can be subjected to loads after just 2 minutes
- The melting temperature is approx. +200 °C
- The bonds can be released by applying heat

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 60 unit
418190	Folding box	200	6			
650470	Folding box	1000	6			

PATTEX HOT GLUE GUNS



Pattex Supermatic

Ideal when effortless working and efficient adhesive application is desirable in addition to the advantages of hot bonding.



Item No.	Container type	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 60 unit
162590	Folding box	6			

Pattex Supermatic 200 plus

Ideal for benefiting from the advantages of hot bonding with a constant high performance in continuous operation or without cables.



Item No.	Container type	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit
659420	Case	2		

PATTEX CONTACT ADHESIVES

Pattex CLASSIC power adhesive



For combination bonding of wood-based materials with decorative moulded flat laminates, rubber, leather, cork, felt, rigid PVC, flexible foams, metal and much more. For laying suction sealing rings, insulating boards and acoustic boards (with the exception of Styrofoam), suitable plastic tiling and wall coverings (with the exception of soft PVC and artificial leather) to load-bearing, dry surfaces. The final strength is achieved after 3 days.

Operating temperature range: -40 °C to +110 °C

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 120 unit
162480	Tube	50	12			
162440	Tube	125	12			

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 60 unit
162490	Can	650	6			

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 4 unit	€/unit beginning at 40 unit
162470	Can	4500	4			

Pattex COMPACT power adhesive



For combination bonding of wood-based materials with decorative moulded flat laminates, rubber, leather, cork, felt, rigid PVC, flexible foams, metal and much more.

- No drips, no stringing
- Also for vertical surfaces

Operating temperature range: -40 °C to +70 °C

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 120 unit
162420	Tube	50	12			
162400	Tube	125	12			

PATTEX CONTACT ADHESIVES



Pattex TRANSPARENT power adhesive

For bonding wood-based materials, plastic boards, veneer and plastic edges, metal, rubber, leather, felt and soft foams. Also suitable for visible adhesive joints, transparent materials, paper and cardboard.

Operating temperature range: -40 °C to +70 °C



Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 120 unit
10018602	Tube	50	12			
897270	Tube	125	12			

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 60 unit
4021090	Can	650	6			

UHU

2-EPOXY RESIN ADHESIVE

UHU plus endfest 300



Solvent-free 2C adhesive with an epoxy resin base for maximum loads. The application time lasts up to 90 minutes. The hardening time and final strength are dependent on the temperature. Firm after 12 hours at room temperature. The bonded connection is impact-, ageing- and humidity-resistant.

Operating temperature range: -40 °C to +80 °C

Item No.	Container type	Container size g	Unit	UHU Nr.	€/unit beginning at 1 unit	€/unit beginning at 20 unit
417300	Binding agent + hardener tube	15	10	45600		

Item No.	Container type	Container size g	Unit	UHU Nr.	€/unit beginning at 1 unit	€/unit beginning at 3 unit
162160	Binding agent + hardener tube	33	6	45640		

Item No.	Container type	Container size g	Unit	UHU Nr.	€/unit beginning at 1 unit	€/unit beginning at 12 unit
4686970	Double-chamber cartridge	53	6	45735		

Item No.	Container type	Container size g	Unit	UHU Nr.	€/unit beginning at 1 unit	€/unit beginning at 20 unit
162140	Binding agent + hardener tube	163	10	45630		

Item No.	Container type	Container size g	Unit	UHU Nr.	€/unit beginning at 1 unit	€/unit beginning at 3 unit
162190	Binding agent can	915	3	45660		
162180	Hardener can	740	3	45665		

UHU plus schnellfest



Solvent-free 2C adhesive with an epoxy resin base for fast-setting bonds which can be subjected to loads. Guarantees high-strength bonded joints on virtually all solid materials. The application time lasts up to 5 minutes. Becomes firm after 20 minutes. The bonded connection hardens transparent, is impact-, ageing- and humidity-resistant.

Operating temperature range: -40 °C to +80 °C

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit
162210	Binding agent + hardener tube	35	6		

Continued ➡

UHU

2-EPOXY RESIN ADHESIVE



UHU plus schnellfest

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 3 unit
10002785	Double-chamber cartridge	57	6		
658300	Hardener can	855	3		
658290	Binding agent can	855	3		

UHU plus multifest

A 2C adhesive with a methacrylate base, suitable for plastics, metals and composite materials. With a mix ratio of 1:1, the application time is 4–6 minutes; 75% of the maximum adhesion is achieved after 10–15 minutes at room temperature.

Operating temperature range: -40 °C to +80 °C



Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit
10052737	Double-chamber cartridge	46	6		

UHU discharger for 50 ml cartridges

Suitable for all UHU 50 ml double-chamber cartridges.

- Comfortable lever action
- Feed suitable for precision dosing
- No adhesive overflow



Item No.	Unit	€/unit beginning at 1 unit	€/unit beginning at 3 unit
10011761	1		

UHU POWER/CONTACT ADHESIVES

UHU greenit kompakt-kraft



Non-drip, universal contact adhesive which guarantees an even, clean and efficient application as a result of its gel-like consistency. Ideally suited to work on vertical surfaces and overhead work. Materials can continue to be processed immediately after bonding. Particularly suited to porous materials. Strong and clean, for extreme loads.

Operating temperature range: -20°C to +125°C

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit
162240	Can	650	10		

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 3 unit
658310	Can	4250	1		

UHU Kontakt power adhesive, gel



Non-drip, universal contact adhesive which guarantees an even, clean and efficient application as a result of its gel-like consistency. Ideally suited to work on vertical surfaces and overhead work. Materials can continue to be processed immediately after bonding. Strong and clean, for extreme loads. Compensates material tension permanently and elastically, therefore ideal for flexible materials.

Operating temperature range: -15°C to +70°C

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 20 unit
10026829	Tube	120	5		

TESA INDUSTRIAL ADHESIVE TAPES

CLOTH TAPES



Tesaband 4651 Premium

Cloth tape consisting of spun rayon fabric backing and a natural rubber adhesive. High adhesive strength, even on rough surfaces. Can be labelled, easy to tear by hand, wear-resistant. Available in a variety of colours.

Area of application: Application in industry and crafts: Bundling, fastening, reinforcing, labelling, sealing, etc.

Design: Acrylic-coated fabric carrier material, natural rubber adhesive, 310 µm thickness.

Operating temperature range: For short periods up to +130 °C



Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 72 unit
575680	black	50	12	12	72			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 60 unit
167770	black	50	15	10	60			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 8 unit	€/unit beginning at 48 unit
167780	black	50	19	8	48			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 36 unit
167790	black	50	25	6	36			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit	€/unit beginning at 30 unit
167800	black	50	30	5	30			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 4 unit	€/unit beginning at 24 unit
167810	black	50	38	4	24			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 3 unit	€/unit beginning at 18 unit
167820	black	50	50	3	18			

TESA INDUSTRIAL ADHESIVE TAPES

CLOTH TAPES

Tesaband 4657



High-quality, plastic-coated special cloth tape consisting of a cotton fabric backing and a thermosetting natural rubber adhesive. Can withstand high thermal and mechanical loads. Very good ageing resistance.

- Area of application:** Applied under a high temperature load. Permanent coverage of internal and external equipment, threaded and drill holes.
- Design:** Acrylic-coated fabric carrier material, thermosetting natural rubber adhesive, 290 µm thickness.
- Operating temperature range:** For short periods up to +180°C

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 72 unit
10026895	grey	50	12	12	72			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 8 unit	€/unit beginning at 48 unit
4170480	grey	50	19	8	48			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 36 unit
4519990	grey	50	25	6	36			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 4 unit	€/unit beginning at 24 unit
10004639	grey	50	38	4	24			

TESA INDUSTRIAL ADHESIVE TAPES

CLOTH TAPES



Tesaband 4688 Standard

Standard cloth tape consisting of PET/spun rayon fabric and a natural rubber adhesive. High adhesive strength, waterproof, easy to unroll. AREVA-certified in accordance with the requirements of Siemens AG, Standard TLV 9027/01/06 for nuclear power stations. Available in a variety of colours.

Area of application: Marking, covering, packaging, protection, fastening, sealing

Design: PE-extruded fabric carrier material, natural rubber adhesive, 260 µm thickness.

Operating temperature range: For short periods up to +110 °C



Item No.	Colour	Length m	Width mm	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 36 unit
4382660	black	50	25	36			

Item No.	Colour	Length m	Width mm	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 24 unit
4382670	black	50	38	24			

Item No.	Colour	Length m	Width mm	Unit	€/unit beginning at 1 unit	€/unit beginning at 18 unit	€/unit beginning at 36 unit
4382680	black	50	50	18			

Item No.	Colour	Length m	Width mm	Unit	€/unit beginning at 1 unit	€/unit beginning at 24 unit	€/unit beginning at 48 unit
10078635	white	50	38	24			

Item No.	Colour	Length m	Width mm	Unit	€/unit beginning at 1 unit	€/unit beginning at 18 unit	€/unit beginning at 36 unit
10078638	white	50	50	18			

TESA INDUSTRIAL ADHESIVE TAPES

PACKAGING TAPES

Tesapack 4024 PP



Adhesive packaging tape with a PP film base and a special acrylate dispersion adhesive with a high initial adhesive strength. Unrolls with minimum noise. Very high UV, ageing and temperature resistance for a longer storage period. Can be applied with all conventional tape dispensers and machines.

Area of application: Problem-free manual and mechanical application. For universal use as a seal on light to medium-weight shipping boxes.

Design: PP carrier material, acrylate adhesive, 52 µm thickness.

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 36 unit
10029028	white	66	50	6	36			
10029029	Chamois	66	50	6	36			
10029030	Colourless	66	50	6	36			

Tesapack 4124 PVC



Premium adhesive packaging tape with a PVC film base and a strong natural rubber adhesive. Unrolls easily and evenly. Very high tear resistance. Can be applied with all conventional tape dispensers and machines.

Area of application: Problem-free manual and mechanical application. For universal use as a seal on medium-weight to heavy shipping boxes.

Design: PVC carrier material, natural rubber adhesive, 65 µm thickness.

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 72 unit
167020	Chamois	66	25	12	72			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 8 unit	€/unit beginning at 48 unit
167040	Chamois	66	38	8	48			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 36 unit
1012070	Chamois	66	50	6	36			

TESA INDUSTRIAL ADHESIVE TAPES MASKING TAPES



Tesakrepp 4316

Slightly creped, thin and flexible paper masking tape. Good wet-grinding resistance and good filler adhesion on the top of the tape. Easy to remove after oven drying.

Area of application: General sealing work up to a temperature load of +100°C
Design: Paper carrier material, natural rubber adhesive, 140 µm thickness.
Operating temperature range: Up to +100°C



Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 24 unit	€/unit beginning at 144 unit
4382560	Chamois	50	12	24	144			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 20 unit	€/unit beginning at 120 unit
4382570	Chamois	50	15	20	120			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 19 unit	€/unit beginning at 96 unit
4382580	Chamois	50	19	16	96			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 72 unit
4382590	Chamois	50	25	12	72			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 60 unit
4382600	Chamois	50	30	10	60			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 48 unit
4382610	Chamois	50	38	8	48			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 3 unit	€/unit beginning at 18 unit
4382640	Chamois	50	100	3	36			

TESA INDUSTRIAL ADHESIVE TAPES

MASKING TAPES

Tesakrepp 4322



Highly creped universal paper masking tape with a very high adhesive strength. Forms a strong bond, even along curves, on rough surfaces or difficult shapes.

Area of application: As a cover during paint work with air-drying lacquers. Attaching paper masks. Packaging and bundling.

Design: Paper carrier material, natural rubber adhesive, 380 µm thickness.

Operating temperature range: Up to +60 °C

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 24 unit	€/unit beginning at 144 unit
167320	Chamois	50	12	24	144			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 20 unit	€/unit beginning at 120 unit
167330	Chamois	50	15	20	120			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 16 unit	€/unit beginning at 96 unit
167340	Chamois	50	19	16	96			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 72 unit
167350	Chamois	50	25	12	72			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 60 unit
167360	Chamois	50	30	10	60			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 8 unit	€/unit beginning at 48 unit
167370	Chamois	50	38	8	48			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 36 unit
167380	Chamois	50	50	6	36			

TESA INDUSTRIAL ADHESIVE TAPES MASKING TAPES



Tesakrepp 4308 blue crepe

Slightly creped paper masking tape with an excellent adhesive strength, even on rubber, glass and plastic profiles. Extremely flexible carrier for precise bonding in straight lines and along complex curves. Sharp, precise paint edges. Easy to remove after drying.

Area of application: As a cover during demanding paint work when performing vehicle repairs with subsequent drying up to +110 °C.

Design: Paper carrier material, natural rubber adhesive, 170 µm thickness.

Operating temperature range: Up to +100 °C



Item No.	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 4 unit	€/unit beginning at 24 unit
4599420	50	38	4	24			

Item No.	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 3 unit	€/unit beginning at 18 unit
4599410	50	50	3	18			

Tesakrepp 4319

Highly creped, flexible and tear-resistant adhesive tape with a high expansion reserve and a high initial adhesive strength. Easy to apply to curves or three-dimensional shapes.

Area of application: As a cover during paint work. Bundling and packaging, etc.

Design: Paper carrier material, natural rubber adhesive, 375 µm thickness.

Operating temperature range: Up to +60 °C



Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 24 unit	€/unit beginning at 144 unit
4382510	Light brown	50	12	24	144			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 20 unit	€/unit beginning at 120 unit
4382520	Light brown	50	15	20	120			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 16 unit	€/unit beginning at 96 unit
167080	Light brown	50	19	16	96			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 72 unit
167090	Light brown	50	25	12	72			

TESA INDUSTRIAL ADHESIVE TAPES

MASKING TAPES

Tesakrepp 4341



Slightly creped, particularly expandable and flexible paper masking tape. The solvent-free product features a natural rubber adhesive which guarantees a high contact adhesive strength and therefore the secure bonding of thick masking paper. Additional practical advantages include, for example, wet-grinding resistance and good paint and filler adhesion. Tesakrepp 4341 is also easy to remove after oven drying.

Area of application: As a cover during paint work with subsequent drying up to 140°C when using solvent- and water-based paints.

Design: Paper carrier material, natural rubber adhesive, 170 µm thickness.

Operating temperature range: Up to +140°C

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 24 unit	€/unit beginning at 144 unit
10053456	Light brown	50	12	24	144			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 8 unit	€/unit beginning at 48 unit
10053460	Light brown	50	38	8	48			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 36 unit
10053461	Light brown	50	50	6	36			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit	€/unit beginning at 30 unit
10053462	Light brown	50	60	5	30			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 4 unit	€/unit beginning at 24 unit
10053463	Light brown	50	75	4	24			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 3 unit	€/unit beginning at 18 unit
10053464	Light brown	50	100	3	18			

TESA INDUSTRIAL ADHESIVE TAPES APPLICATION EQUIPMENT



Tesa tape dispenser 56402

Robust and professional tape dispenser. Manually adjustable roller brake. Covered blade (injury protection). Two draw rolls for easy handling. Trigger pull for blade release.

Area of application: For applying Tesapack adhesive tapes with a width of up to 50 mm and a maximum roller diameter of 170 mm.



Item No.	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 8 unit	€/unit beginning at 16 unit
10030664	1	8			

Tesa tape dispenser 6400

Robust and professional tape dispenser. Manually adjustable roller brake. Covered blade (injury protection). Soft rubber coated handle for comfortable and safe handling.

Area of application: For applying Tesapack adhesive tapes with a width of up to 50 mm and a maximum roller diameter of 170 mm.



Item No.	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 20 unit	€/unit beginning at 40 unit
1103020	1	24			

TESA INDUSTRIAL ADHESIVE TAPES

FLOOR MARKING

NON-SLIP TAPES

Tesa warning tape 60760



Robust soft PVC adhesive tape with modified natural rubber adhesive. Good adhesive strength on most surfaces. Easy to tear by hand and lead-free.

Area of application: Temporary and general hazard identification. Markings on mobile and stationary objects.

Design: Soft PVC carrier material. Natural rubber adhesive. 150 µm thickness.

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 36 unit
10033563	Yellow/black	33	50	6	36			
10030663	Red/white	33	50	6	36			

Tesa non-slip tape



Non-slip adhesive tape with an aluminium oxide coated PVC carrier. Very high adhesive strength on numerous surfaces. For indoor and outdoor applications. Saltwater-resistant. Permanent non-slip effect for up to two years under normal load.

Area of application: Step security where there is a risk of slipping and stairs or steps need to be made visible.

Design: PVC carrier material, acrylate adhesive, 810 µm thickness.

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 36 unit
10025688	black	15	25	6	36			
10047433	transparent	15	25	6	36			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 3 unit	€/unit beginning at 18 unit
10025690	black	15	50	3	18			
10085124	Yellow/black	15	50	3	18			

TESA INDUSTRIAL ADHESIVE TAPES

DOUBLE-SIDED ADHESIVE TAPES



Tesafix 4952

Double-sided adhesive tape with foam carrier and ageing-resistant acrylate adhesive. White foam with brown cover. High shear strength and insensitive to humidity.

Area of application: Bonding mirrors in wet rooms. Glazing bar bonding. Self-adhesive finishing of cable clamps, cable lines and flat cables as well as profiles.

Design: White PE foam carrier material, modified acrylate adhesive.

Operating temperature range: Up to +80 °C



Item No.	Length m	Width mm	Thickness mm	Unit	€/unit beginning at 1 unit	€/unit beginning at 8 unit	€/unit beginning at 32 unit
4022280	50	9	1,2	32			

Item No.	Length m	Width mm	Thickness mm	Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 24 unit
4114210	50	12	1,2	24			

Item No.	Length m	Width mm	Thickness mm	Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit	€/unit beginning at 20 unit
4114220	50	15	1,2	20			

Item No.	Length m	Width mm	Thickness mm	Unit	€/unit beginning at 1 unit	€/unit beginning at 4 unit	€/unit beginning at 16 unit
4114230	50	19	1,2	16			

Item No.	Length m	Width mm	Thickness mm	Unit	€/unit beginning at 1 unit	€/unit beginning at 4 unit	€/unit beginning at 12 unit
4114240	50	25	1,2	12			

TESA INDUSTRIAL ADHESIVE TAPES

DOUBLE-SIDED ADHESIVE TAPES

Tesafix 4965



Double-sided PET adhesive tape. Good adhesive strength on various plastics such as ABS and even EPDM since it is highly resistant to plasticisers. UL-listed under MH/18055.

Area of application:

Assembly of ABS parts in the vehicle industry. Self-adhesive finishing of rubber and EPDM profiles. Infinite bonding of aluminium sheets.

Design:

PET carrier material, transparent, modified acrylate adhesive, 205 µm thickness.

Operating temperature range:

For long periods up to +100°C, for short periods up to +200°C

Item No.	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 32 unit	€/unit beginning at 96 unit
4181530	50	9	32	96			

Item No.	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 24 unit	€/unit beginning at 72 unit
10076601	50	12	24	72			

Item No.	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 20 unit	€/unit beginning at 60 unit
10088074	50	15	20	60			

Item No.	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 16 unit	€/unit beginning at 48 unit
10020221	50	19	16	48			

Item No.	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 36 unit
4181520	50	25	12	36			

Item No.	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 8 unit	€/unit beginning at 24 unit
10066897	50	38	8	24			

Item No.	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 18 unit
890460	50	50	6	18			

TESA INDUSTRIAL ADHESIVE TAPES

DOUBLE-SIDED ADHESIVE TAPES



Tesafix 4970

Double-sided PVC adhesive tape with acrylate adhesive. High adhesive strength, secure bonding, even on rough surfaces and very resistant to plasticisers.

Area of application: Bonding heavy decorative items and displays. Bonding charts, panels and signs. Splicing and infinite bonding of plastic, metal, paper and film reels.

Design: PVC carrier material, white, modified acrylate adhesive, 240 µm thickness.

Operating temperature range: For long periods up to +60 °C, for short periods up to +70 °C



Item No.	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 32 unit	€/unit beginning at 96 unit
10011331	50	9	32	96			

Item No.	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 20 unit	€/unit beginning at 60 unit
10029147	50	15	20	60			

Item No.	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 16 unit	€/unit beginning at 48 unit
168150	50	19	16	48			

Item No.	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 36 unit
4629860	50	25	12	36			

Item No.	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 18 unit
168160	50	50	6	18			

TESA INDUSTRIAL ADHESIVE TAPES

TESAFILM

Tesafilm 4104 PVC



Transparent internal packaging film with a robust PVC film base and a strong natural rubber adhesive for a high adhesive strength. Available in colourless and seven additional colours.

Area of application: For universal packaging applications such as sealing small parcels.

Design: PVC carrier material, natural rubber adhesive, 65 µm thickness.

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 16 unit	€/unit beginning at 192 unit
167010	Colourless	66	9	16	192			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 144 unit
166940	Colourless	66	12	12	144			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 120 unit
166950	Colourless	66	15	10	120			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 8 unit	€/unit beginning at 96 unit
166960	Colourless	66	19	8	96			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 72 unit
166970	Colourless	66	25	6	72			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit	€/unit beginning at 60 unit
166980	Colourless	66	30	5	60			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 4 unit	€/unit beginning at 48 unit
166990	Colourless	66	38	4	48			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 3 unit	€/unit beginning at 36 unit
167000	Colourless	66	50	3	36			

TESA INDUSTRIAL ADHESIVE TAPES TESAFILM



Tesafilm 4204 PVC

Internal packaging film with a robust PVC film base and a strong natural rubber adhesive. Ideal for use with all Tesa table dispensers. Available in transparent and five additional colours.

Area of application:

Sealing small boxes and containers. All types of marking.

Design:

PVC carrier material, natural rubber adhesive, 59 µm thickness.



Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 16 unit	€/unit beginning at 192 unit
168740	Colourless	66	9	16	192			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 72 unit
168680	Colourless	66	15	20	120			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 72 unit
168690	Colourless	66	19	8	96			

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 72 unit
168700	Colourless	66	25	6	72			

TESA INDUSTRIAL ADHESIVE TAPES

ELECTRICAL INSULATION

METAL TAPES

Tesaflex 4163



Insulation tape made of soft PVC. Well-suited to permanent applications. Available in the following colours: black, white, blue, yellow, red, grey.

Area of application: For electrical installations and insulation tasks.
Design: Soft PVC carrier material, acrylate adhesive, 130 µm thickness.
Operating temperature range: Up to +105°C

Item No.	Colour	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit	€/unit beginning at 120 unit
10016040	black	33	19	5	120			
10005025	blue	33	19	5	120			
10005023	red	33	19	5	120			

Tesa 50565



Aluminium adhesive tape with acrylate adhesive. Good adhesive strength. Humidity-resistant. Good heat conductivity. Oil- and acid-resistant. Flame-retardant UL 510.

Area of application: Assembly of cooling coils. Piping insulation. Covering, protection, repairs.
Design: Aluminium carrier material, acrylate adhesive, 90 µm thickness.
Operating temperature range: For short periods up to +150°C

Item No.	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 24 unit
10050027	50	38	6	24			

Item No.	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 6 unit	€/unit beginning at 18 unit
10030662	50	50	1	18			

Item No.	Length m	Width mm	Unit	Carton Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 24 unit
10068793	50	75	1	12			

TESA INDUSTRIAL ADHESIVE TAPES ADHESIVE SPRAYS AND CLEANERS



Tesa adhesive sprays

Three adhesive spray variants which permanently or temporarily join a diverse range of materials, from ABS to PVC right up to foam rubber and metal. The different properties guarantee an effective solution for virtually any material and any bonding type.

- Tesa 60020/21 Permanent: its even, precise spray pattern produces a good bonding result on smooth or slightly uneven surfaces.
- Tesa 60022 Extra Strong: was especially developed for an extra-strong bond on rough and open-pore surfaces such as foam and fabric.
- Tesa 60023 Repositionable: was developed for temporary bonding, for example in the graphics industry and exhibition stand construction.



Item No.	Type	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 24 unit
10040248	60020	Aerosol can	300	12			
10040249	60021	Aerosol can	500	12			
10040250	60022	Aerosol can	500	12			
10040251	60023	Aerosol can	500	12			

Tesa cleaner

Industry Cleaner 60040 is a versatile spray for quick and easy cleaning of machine and plastic parts, glass and metallic surfaces. Cleaned surfaces ensure optimum bonding with adhesive tapes or adhesive sprays.



Item No.	Type	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 24 unit
10040252	60040	Aerosol can	500	12			

Tesa adhesive remover

Spray for the simple removal of adhesive residues on plastic parts, glass and metallic surfaces. Removes residues left behind by labels and most adhesive tapes as well as grease, tar, resins and other deposits. Volatilises without residue and without odour, free from silicone and chlorinated solvents.



Item No.	Type	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 24 unit
10040253	60042	Aerosol can	200	12			

OKS LUBRICANTS INTELLIGENT ADDITIVE TECHNOLOGY

Works on the surface

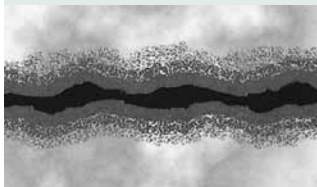


Phase 1



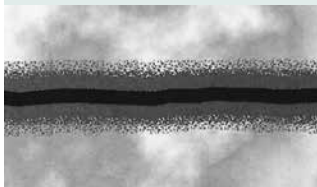
Mo_x-Active attaches immediately to the pressurised metal surface of the lubricating point and forms a pressure-resistant and lubricating protective layer.

Phase 2



The pressure absorption capacity increases with the load. Friction and wear are significantly reduced.

Phase 3



Mo_x-Active supports and accelerates the smoothing of the metal surface. For best results, use in combination with MoS₂. This structural change produces a tribological surface finish with an extremely low coefficient of friction and maximum wear protection.

Cost reduction and environmental protection

OKS special lubricants with Mo_x-Active lower operating costs and improve production quality. OKS special lubricants with Mo_x-Active protect the environment by using less lubricant and consuming less energy.

* All OKS products with this trademark contain organic molybdenum complex compounds for improved performance.

OKS special lubricants with

Mo_x-Active monitor the smoothing of the metal surfaces at the lubricating points. Intelligent additives support and accelerate the smoothing of the otherwise rough surfaces and produce a tribological surface finish.

- Reduce friction and wear
- Increase operating reliability
- Improve quality
- Protect the environment
- Lower costs

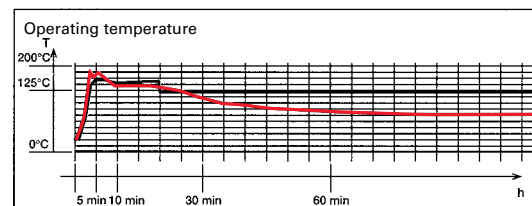
The lubrimer test has yielded impressive results

In comparison:

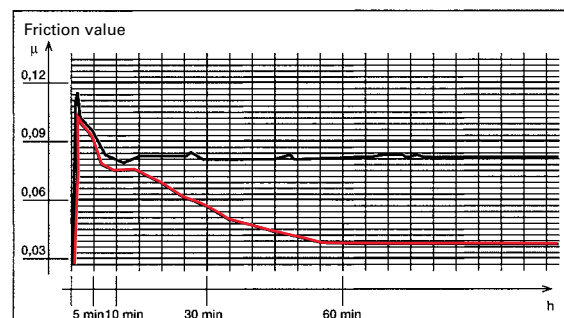
■ with Mo_x-Active

OKS 450 chain and adhesive lubricant

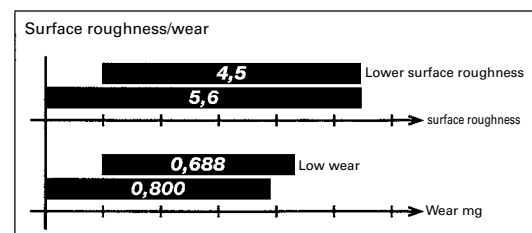
■ without Mo_x-Active



The long-term operating temperature drops quickly from +120°C to +80°C. This significantly increases the service life of the lubricant and therefore the lubricating intervals.



The coefficient of friction drops quickly from 0,09 to 0,03. This means significant energy savings and improved force transmission. Running-in times can be reduced considerably.



Wear is significantly reduced. This prolongs the service life of machine elements considerably. This ultimately results in lower maintenance and spare parts costs.

OKS SPECIAL LUBRICANTS PASTES



OKS 230 high temperature paste

Dry lubrication at temperatures between +200 °C and +450 °C since the carrier oil evaporates without residue from +200 °C. Prevents wear, stick-slip, corrosion, running-in damage, pitting.

Operating temperature range: -35 °C to +180 °C/+450 °C



Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
717460	Can	250	10			
717470	Can	1000	10			
717480	Hobbock	5000	1			
717490	Hobbock	25000	1			

OKS 235 aluminium paste

Anti-seize paste. Lubricating and release paste, without heavy metals.

Operating temperature range: -40 °C to +1100 °C



Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
740030	Brush can	250	10			
10053826	Can	1000	10			
10019847	Hobbock	5000	1			

OKS 240/241 anti-seize paste (copper paste)

Classic anti-seize paste with broad spectrum protection across the entire temperature range. Prevents freezing and seizing.

Operating temperature range: -30 °C to +200 °C/+1.100 °C



Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
689360	Tube	100	10			
689370	Brush can	250	10			
716990	Can	1000	10			
717320	Hobbock	5000	1			
717330	Aerosol can	400 ml	12			

OKS SPECIAL LUBRICANTS PASTES

OKS 250/2501 white all-round paste, metal-free



For screws and sliding surfaces which are subjected to high pressures and temperatures. Optimum ratio of screw tightening torque to achievable preload. Metal-free. Very good corrosion protection. Universal high temperature paste. For stainless steel connections. NSF H2 Reg. No. 131379.

Operating temperature range: -40 °C to +1400 °C

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
4610470	Tube	10	50			
870100	Tube	100	10			
1096540	Brush can	250	10			
953080	Can	1000	10			
10011412	Hobcock	25000	1			
903750	Aerosol can	400 ml	12			

OKS 252 white high temperature paste



For lubricating screws and sliding surfaces which are subjected to high pressures and high temperatures at low speeds or during oscillating movements. Prevents jamming and seizing. Metal-free. Highly adhesive. Universal high temperature assembly paste. NSF H1 Reg. No. 135748.

Operating temperature range: -30 °C to +160 °C/+1.200 °C

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
10027580	Brush can	250	10			

OKS SPECIAL LUBRICANTS PASTES



OKS 265 chuck paste, highly adhesive

For friction and lubricating points with a high jerky or vibrating load. Excellent adhesive effect with a good resistance to water and cooling lubricants.

Operating temperature range: -25°C to +150°C



Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
1161340	Cartridge	400	10			
769720	Can	1000	10			

OKS 273 grease paste for plastic gears

For lubricating plastic gears at low and high temperatures and at low to medium speeds. Long-term lubrication of highly stressed small gears. Good corrosion protection. Good plastic compatibility. Plastic gears in roller shutter and awning drives.

Operating temperature range: -40°C to +140°C



Item No.	Container type	Container size g	Unit	€/unit
10069631	Can	1000	10	

OKS 280 white high temperature paste

For hot forming transitions including: Drop forging, hot extrusion, hot rolling and bending steel and NE metals. The high separation force with minimum use increases the durability of the tools. Free from graphite, which can cause tools and workpieces to carbonise.

Operating temperature range: -15°C to +1150°C



Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
765490	Can	1000	10			
10021611	Hobstock	5000	1			

OKS SPECIAL LUBRICANTS OILS

OKS 352/3521 high temperature oil, synthetic



Clean lubrication. Minimum evaporation. No residues. Non-drip. Also resistant to steam. Light colours.

Operating temperature range: -10 °C to +250 °C

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
877380	Canister	5000	1			
814820	Canister	25000	1			
903770	Aerosol can	500	12			

OKS 370/371 universal oil for food technology, ISO VG 15



High-performance oil for fine mechanical machine elements. Taste- and odour-neutral. Extremely high creep capability. Repels water. Removes dirt and rust. Can be washed out of textiles. Can be used in the textile and packaging industry. NSF H1 Reg. No. 12438 in accordance with DAB 10.

Operating temperature range: -10 °C to +180 °C

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
782640	Canister	5000	1			
782650	Canister	25000	1			
689920	Aerosol can	500	12			

OKS 390/391 cutting oil for all metals



A single cutting oil for all materials and all cutting tasks. Odour-neutral and safe to use as it is free from chlorine and phosphor. Mox-Active.

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
740050	Bottle	250	10			
815140	Canister	5000	1			
870120	Canister	25000	1			
740060	Aerosol can	400	12			

OKS SPECIAL LUBRICANTS OILS



OKS 600/601 multi-oil

Extremely high creep capability. Lubricates and eliminates squeaks. Protects against contamination and corrosion. Prevents the build-up of moisture on metal surfaces and ignition systems. Releases and lubricates fixed parts. Cleans metal surfaces.

Operating temperature range: -30 °C to +60 °C



Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
689310	Canister	5000	1			
877320	Canister	25000	1			
689330	Aerosol can	400	12			

OKS 700/701 fine care oil, fully synthetic

Cleans, lubricates, conserves. Provides invisible protection. Resin- and acid-free. Very good wetting ability. Plastic-compatible. For use on measuring instruments in fine mechanics or optics.

Operating temperature range: -50 °C to +100 °C



Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
1075240	Can	1000	10			
1075250	Canister	5000	1			
740070	Aerosol can	400	12			

OKS 3750/3751 adhesive lubricant with PTFE

Lubricating oil with PTFE. Long operating times thanks to high temperature and oxidation stability. Very good wear protection. High pressure absorption capacity. Adhesive. Resistant to water vapour, alkaline and acidic disinfection and cleaning agents. Taste- and odour-neutral.

NSF H1 Reg. No. 12480.

Operating temperature range: -35 °C to +135 °C



Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
4277020	Canister	5000	1			
4277040	Aerosol can	500	12			

OKS SPECIAL LUBRICANTS OILS

OKS 3760 multi-purpose oil for food technology, ISO VG 100



Fully synthetic multi-purpose oil. Long operating times thanks to high temperature and oxidation stability. Good wear protection. Resistant to water vapour, alkaline and acidic disinfection and cleaning agents. Taste- and odour-neutral.
NSF H1 Reg. No. 129964.

Operating temperature range: -35 °C to +135 °C

Item No.	Container type	Container size l	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
1074950	Canister	5	1			
1074960	Canister	25	1			

OKS 3790 fully synthetic sugar-dissolving oil



Releasing sugar crusts. Cleaning machine parts. Lubricating fine mechanisms. Forming lubricant for packaging. Good cleaning and lubricating effect. Good wear and corrosion protection. Odour- and taste-neutral emulsion. Specially developed for the sweets industry.

NSF H1 Reg. No. 128470.

Operating temperature range: -5 °C to +80 °C

Item No.	Container type	Container size l	Unit	€/unit
10069599	Canister	5	1	

OKS SPECIAL LUBRICANTS GREASES



OKS 402 antifriction bearing high-performance grease

Safe lubrication of bearings subjected to a normal load. Wear-reducing. Good pressure and water resistance. Ageing and oxidation stability.

Operating temperature range: -30 °C to +120 °C



Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
927770	Cartridge	400	10			
903790	Can	1000	10			
10020731	Hobbock	25000	1			

OKS 422 universal grease for long-term lubrication

For antifriction bearings, bushings and spindles at extreme temperatures or high speeds. Extremely resistant to impacts and compression. Very good wear protection. Long relubrication intervals. Can be used outside of normal performance ranges.

Operating temperature range: -40 °C to +180 °C



Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
1163260	Cartridge	400	10			
927760	Can	1000	10			

OKS 450/451 chain and adhesive lubricant

Wear- and corrosion-resistant adhesive lubricant. Clean, noise-absorbing and elastic. Excellent creepage and gap penetration capability. Also resistant to road salt and seawater.

Operating temperature range: -30 °C to +200 °C



Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
1075000	Can	1000	1			
1016780	Canister	5000	1			
689350	Aerosol can	300 ml	12			
785820	Aerosol can	500 ml	12			

OKS SPECIAL LUBRICANTS GREASES

OKS 470 all-round high-performance grease



White, all-round high-performance grease which can even be used in food technology. Clean lubrication. Safety reserves with white solid lubricants. Ageing and oxidation stability. Water-resistant. Hygienically compatible.

Operating temperature range: -30 °C to +120 °C

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
717390	Tube	100	10			
717400	Cartridge	400	10			
717410	Can	1000	10			
717420	Hobbock	5000	1			
717430	Hobbock	25000	1			

OKS 472 low temperature grease for food technology



For antifriction bearings and bushings with a low bearing clearance and at high speeds, at low temperatures and low coasting torques. Lubricating film is reliable as low as -70 °C. Wear-reducing. Good ageing and oxidation resistance. For bearings in cold stores, ice factories.

NSF H1 Reg. No. 135749.

Operating temperature range: -45 °C to +120 °C

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
4674940	Cartridge	400	10			
4662730	Can	1000	1			

OKS 473 semi-fluid grease for food technology



For closed gearboxes, antifriction bearings and bushings, joints or chains which require grease lubrication. Also suitable for greater speeds, a low bearing clearance or when space in the gearbox is limited. Wear-reducing thanks to an adhesive, load-bearing lubricating film. Ideal for use with central lubrication systems. Water-resistant. Hygienically compatible.

NSF-H1 Reg. No. 140 485.

Operating temperature range: -45 °C to +120 °C

Item No.	Container type	Container size g	Unit	€/unit
10051774	Can	1000	1	

OKS SPECIAL LUBRICANTS GREASES



OKS 476 multi-purpose grease for food technology

For antifriction bearings, bushings and other machine elements. Resistant to cold and hot water and to disinfection and cleaning agents. Oxidation-resistant. Wear-reducing. Universal multi-purpose grease for food technology, NSF H1 Reg. No. 137619.

Operating temperature range: -20 °C to +120 °C



Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
903800	Cartridge	400	10			
10004682	Hobbock	5000	1			
10012718	Hobbock	25000	1			

OKS 479 high temperature grease for food technology

Wear-reducing. Very good pressure resistance. Good oxidation and ageing resistance. Adhesive. Good plastic and elastomer compatibility. Resistant to water and water vapour. For all areas of the food, drink and pharmaceutical industry, NSF H1 Reg. No. 135675.

Operating temperature range: -25 °C to +160 °C



Item No.	Container type	Container size kg	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
982400	Hobbock	5	1			
10022102	Barrel	180	1			

OKS 490 toothed wheel grease

Forms a strong bond, flows into narrow gaps, a dry and touch-proof film which forms after drying prevents the adhesion of dust and dirt.

Operating temperature range: -30 °C to +150 °C



Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
10061554	Can	1000	10			
763860	Aerosol can	500	12			

OKS SPECIAL LUBRICANTS GREASES

OKS 1110 multi-silicone grease



Versatile silicone grease, can also be used in food technology. Very good plastic compatibility. Does not dry out or bleed. Odour- and taste-neutral. Highly adhesive. Media-resistant. NSF H1 Reg. No. 124381.

Operating temperature range: -40 °C to +200 °C

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
4666620	Tube	10	50			
769730	Tube	100	10			
4616130	Cartridge	400	10			
769740	Can	500	10			

OKS 1133 low temperature silicone grease



Versatile lubricating grease for very low to high temperatures. Particularly suited to plastic/plastic and plastic/metal tribological pairings. High oxidation resistance. Lubrication of electric motors, drives, control systems under Arctic conditions.

Operating temperature range: -70 °C to +200 °C

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
765200	Tube	100	10			
769690	Can	500	10			

OKS 1148 long-life silicone grease with PTFE



For variable temperature loads, e.g. for a smooth start-up at low temperatures and under permanent load from +150 °C to +200 °C. Particularly resistant to water vapour, animal, plant and mineral oils and organic acid fumes.

Operating temperature range: -40 °C to +200 °C

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
769680	Can	500	10			

OKS SPECIAL LUBRICANTS DRY LUBRICANTS



OKS 536 graphite lubricant varnish, water-based, air-drying

Lubrication of chains subjected to a high load when oil or grease lubrication is no longer possible. Can be sprayed onto hot surfaces. For use in a wide temperature range. Drying at room temperature. Used film can be repaired. Can be diluted with water up to 1:5. NSF H2 Reg. No. 130416.

Operating temperature range: -35°C to +600°C



Item No.	Container type	Container size kg	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
877390	Canister	5	1			
795620	Canister	25	1			

OKS 570/571 PTFE lubricant varnish

Dry lubrication of sliding surfaces made of various materials at low pressures, low speeds and in a dusty environment. Colourless, dirt-resistant lubricating and release film. Prevents tribocorrosion. Drying at room temperature. For all metals, plastics, ceramic, wood. Can also be used as a release film in cast resin applications.

Operating temperature range: -180°C to +260°C



Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
10026334	Can	500	10			
1075030	Canister	5000	1			
689940	Aerosol can	400	12			

OKS 1300/1301 lubricating film

Dry and touch-proof lubricating film with UV indicator. Thread slide coating for low friction values with a narrow scatter range. Prevents corrosion on thread-forming screws and stainless steel screws. Suitable for all screw materials. Sliding surface coating for various materials such as glass, ceramic, wood and metal. Roller shutter and sun blind guides and pivotal points in sun protection technology.

Operating temperature range: -60°C to +100°C



Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
1075260	Canister	5000	1			
785280	Aerosol can	400	12			

OKS SPECIAL LUBRICANTS CORROSION PROTECTION

OKS 2100/2101 protective film for all metals



Temporary corrosion protection film with a wax base for storing and shipping machine parts with bare metal surfaces. Suitable for all climate zones. Touch-proof, transparent film. Easy to remove. Good lubricant compatibility.

Operating temperature range: -40 °C to +70 °C

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
1022000	Canister	5000	1			

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
10001705	Canister	25000	1			

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
4339010	Aerosol can	500	12			

OKS 2351 aluminium paste



For assembling screw and bolt connections which are subjected to high temperatures and corrosive influences. Optimum ratio of screw tightening torque to achievable preload. Prevents freezing and seizing. Prevents jamming. Lubricating and release paste.

Operating temperature range: -40 °C to +150 °C (lubrication) +1.100 °C (release)

Item No.	Container type	Container size ml	Unit	€/unit
10076822	Aerosol can	400	12	

OKS SPECIAL LUBRICANTS CORROSION PROTECTION



OKS 2511 zinc protector

Particularly suited to repairing damaged primers. Ideal holding primer for paint finishes. Dust-dry after 5 minutes, wear-resistant after 2 hours, can be varnished after 6 hours, all at room temperature. Self-cleaning valve for optimum use of the can contents. Salt spray test passed in accordance with DIN 53167.

Operating temperature range: Up to +490 °C



Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
689380	Aerosol can	500	12			

OKS 2531 alu-metallic

Decorative corrosion protection with an aluminium powder base for ferrous metals. For repairing hot-dip galvanised surfaces. Suitable for full penetration welding, fast-drying, wear-resistant. Protects exhaust systems on vehicles. For optimum use, combine with OKS 2511. Salt spray test: 480 h at a layer thickness of 50 µm.

Operating temperature range: -50 °C to +180 °C (for short periods up to +800 °C)



Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
689960	Aerosol can	500	12			

OKS SPECIAL LUBRICANTS MAINTENANCE PRODUCTS

OKS 641 maintenance oil



For disassembly, lubrication and maintenance of machine elements and metal surfaces. Good cleaning effect. Temporary corrosion protection. Prevents the build-up of moisture. For industry, workshops and hobbies.

Operating temperature range: -50 °C to +80 °C

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
4126500	Aerosol can	400	12			

OKS 1600/1601 welding release agent



Environmentally-friendly, water-based release agent for electrical and gas-shielded welding. Prevents weld spatters from freezing. Increases blowpipe durability. Can be removed without leaving a residue. Universal, silicone-free welding release agent concentrate.

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
1075270	Canister	5000	1			
10028976	Canister	25000	1			
740080	Aerosol can	500	12			

OKS 2610/2611 universal cleaner



For machine parts and surfaces with oily or greasy deposits. Evaporates quickly and without residue. Maximum cleaning power. Short-term corrosion protection thanks to VCI additives. No undercooling. Cleaner for lubricating points and bonds.

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
903780	Canister	5000	1			
4346730	Canister	25000	1			
689390	Aerosol can	500	12			

OKS SPECIAL LUBRICANTS MAINTENANCE PRODUCTS



OKS 2631 multi-foam cleaner

Removes bonded organic contamination and coatings caused by smoking (nicotine), grease, silicone and rubber abrasion. Suitable for use indoors and outdoors. Cleans aluminium and stainless steel parts, plastics, glass, chrome and rubber.



Item No.	Container type	Container size ml	Unit	€/unit
10069915	Aerosol can	400	12	

OKS 2711 cold spray

Rapid undercooling of small surfaces and parts as low as -45°C. Simulation of cold-start conditions on vehicle motors. Used for troubleshooting interruptions caused by thermal influences. Protects neighbouring areas during soldering and welding. Simplified assembly for press fits.



Item No.	Container type	Container size ml	Unit	€/unit
10078931	Aerosol can	400	12	

OKS 2650 BIOlogic industrial cleaner

Aqueous cleaner for removing heavy oil, grease and rust deposits. Biodegradable. Good separation behaviour. Protects sensitive surfaces. For universal use in industry, workshops and food technology. NSF A1 Reg. No. 129003.



Item No.	Container type	Container size kg	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
4174780	Canister	5	1			
10029787	Canister	25	1			

OKS SPECIAL LUBRICANTS MAINTENANCE PRODUCTS

OKS 2731 compressed air spray



Removal of loose dirt particles in inaccessible areas. Dry, oil-free compressed gas mixture. Evaporates quickly and without residue. For maintenance work in electronics and fine mechanics, on optical devices and all types of office machines.

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 36 unit
852910	Aerosol can	400	12			

OKS 2800/2801 leak detector



For finding leaks in pressurised cables, fittings and containers. The formation of bubbles indicates a loss of gas. For universal use. Non-toxic. Suitable for use in compressed air, oxygen and gas installations and chillers. The product must be washed off with water when applied to polyamide cables.

Operating temperature range: Up to +80 °C

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
796310	Canister	5000	1			
796320	Canister	25000	1			
689340	Aerosol can	400	12			

OKS 2901 belt tuning



Increases belt traction. Prevents slippage. Protects the belt against drying out and wear. Prolongs the service life. Suppresses squeaks. For universal use on all V-belts, PU round belts and flat belts.

Operating temperature range: Up to +80 °C

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
740100	Aerosol can	400	12			

OKS SPECIAL LUBRICANTS AIRSPRAY SYSTEM



OKS 5000

The practical spray system prevents waste and lowers costs. A small investment in environmental protection which pays for itself in just 10 fills. Suitable for the following OKS products: 370, 390, 600, 1600, 2610 and 2800.



Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
796330	Refillable can	400	10			

OKS 5110 filling valve

Used to fill the OKS 5000 can with compressed air.



Item No.	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
810600	1			

OKS 5100 filling station

For filling the OKS 5000 can with compressed air.



Item No.	Unit	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
1016820	1			

OKS SPECIAL LUBRICANTS AIRSPRAY SYSTEM

OKS spray set



The optimum aerosol set for every product, each consisting of 2 valves, 2 spray heads and a product label.

Item No.	Type	For OKS products	Set	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 50 unit
796340	OKS 5010	OKS 370	1			
1043400	OKS 5020	OKS 390	1			
815860	OKS 5030	OKS 600	1			
1091830	OKS 5040	OKS 1600	1			
815870	OKS 5050	OKS 2610	1			
815880	OKS 5060	OKS 2800	1			

DIAMANT POLISHING COMPOUNDS



Diamant universal polishing compound

Water-soluble. For all types of metal, moulding and design compounds, chrome parts.



Item No.	Container type	Container size g	Unit	€/unit
4344450	Can	120	10	
4344440	Can	1000	10	

Diamant universal polishing compound, extra-fine

Water-soluble. For aluminium, acrylic, etc. Produces a mirror finish when the surface has been pre-polished with universal polishing compound.



Item No.	Container type	Container size g	Unit	€/unit
4344470	Can	120	10	
4344460	Can	1000	10	

Diamant grinding and polishing compounds in block form

For use on polishing and cloth discs and brushes. The blocks are pressed onto the rotating discs and melt onto the surface as a result of the frictional heat. This transfers the compound onto the disc. Block, approx. 1 kg.



Item No.	Colour	Application	€/unit
164270	White-beige	Precious and soft metals	
164280	Green	Precious and soft metals, blade removal	
164290	Supra white	Acrylic, plastic, steel (finest quality)	
417330	red	Chrome, nickel silver	
584580	blue	Stainless steel (particularly fine)	

DIAMANT FITTING GREASES

Diamant silicone grease type 1



For rubber, metal, glass, ceramic, physiologically compatible, Vaseline-like, odour-free.

Operating temperature range: -45 °C to +200 °C

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit
476060	Tube	75	12		
667530	Can	80	10		
661100	Can	500	10		
661090	Can	1000	1		

Diamant tap grease



Silicone-free fitting grease for fittings in the food and drink industry. Tested for froth compatibility by the Brauerei Institute in Berlin and Weihenstephan.

Operating temperature range: 0 °C to +50 °C

Item No.	Container type	Container size ml	Unit	€/unit
165250	Can	250	10	
165260	Can	750	10	

DIAMANT LUBRICANTS



Diamant Extra hot bearing grease

Has no dripping point! For bushings and antifriction bearings. Generally acid-resistant and largely alkali-resistant.

Operating temperature range: -15°C to +200°C



Item No.	Container type	Container size g	Unit	€/unit
4344490	Cartridge	400	20	
4344480	Can	625	1	

Diamant white special Vaseline

Lubricant and care product. Corrosion protection, acid-free, neutral, non-toxic (DAB 10), particularly efficient.

Operating temperature range: 0°C to +40°C



Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit
165140	Can	750	1		
10030007	Bucket	10 kg	1		

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit
165120	Tube	80	12		

DIAMANT SOLID LUBRICANTS

Diamant talcum



The highest quality for technical purposes. Good lubrication properties. For rubber care.

Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit
165210	Powder dispenser	500	12		
165200	Can	700	1		
417450	Bucket	9000	1		
524090	Bag	25000	1		

Diamant marking fluid



For marking metal surfaces. Easy to remove, dries quickly, non-reflective, forms a good bond.

Colour: blue

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit
165540	Aerosol can	300	12		
165550	Can	500	1		

DIAMANT SPECIAL CLEANERS AND DRIVE BELT CARE



Diamant R 16 high-performance cleaner

Labelling-free. Suitable for the removal of surface paste. Removes grease, oil, wax, dirt, ink, graphite, rust.



Item No.	Container type	Container size l	Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit
661040	Bottle	1	1		
661050	Canister	5	1		
661060	Canister	20	1		

Diamant rapid foam cleaner

Fragrant foam cleaner for machines, workshop and vehicle care. Removes dirt, oil, tar and organic residues from glass, plastic, rubber, chrome, paint and metals.



Item No.	Container type	Container size ml	Unit	€/unit
10062977	Aerosol can	500	12	

Diamant drive belt wax

Adhesive and preservative agent. Increases traction, prolongs the service life.



Item No.	Container type	Container size g	Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit
165040	Rod	420	1		

WORKSHOP SUPPLIES

MULTI-FUNCTION OIL

THREAD SEALING TAPE

WD-40



WD-40 multi-function oil – the liquid tool! Rust remover, lubricant, contact spray, corrosion protection and cleaner in one!

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 12 unit	€/unit beginning at 48 unit
1036000	Aerosol can	250	36			
1036430	Aerosol can	400	24			
10056703	Smart straw	450	24			
4024950	Atomiser, empty	500	1			

Item No.	Container type	Container size ml	Unit	€/unit beginning at 1 unit	€/unit beginning at 5 unit	€/unit beginning at 10 unit
1126130	Canister	5000	1			

Thread sealing tape



PTFE thread sealing tape in capsules, suitable for gas and water supply.

Operating temperature range: -200°C to +260 °C
Colour: white
Design: DVGW-tested

Item No.	Length m	Width mm	Strength mm	Unit	Design	Type	€/unit beginning at 1 unit	€/unit beginning at 10 unit	€/unit beginning at 20 unit
165440	12	12	0,1	10	FRp (fine thread)	R10 D06			
4015430	12	12	0,1	10	GRp (coarse thread)	R10 D10			

REIFF CAN DO MORE

With a product range of more than 140,000 standard products, it is impossible to know every product. Antifriction bearings, V-belts, hydraulic hoses or sealing rings – the products are as diverse as the intended applications and application areas themselves.

Explore our diverse product areas and discover the possibilities this catalogue provides.

From the standard product to the special design –
we are true product specialists in the areas of:

DRIVE TECHNOLOGY

FLAT SEALS, RUBBER COMPONENTS AND INSULATORS
RUBBER AND PLASTIC PROFILES

LINEAR TECHNOLOGY

VIBRATION DAMPING ELEMENTS

SEALING ELEMENTS ANTIFRICTION BEARINGS

SEALING TECHNOLOGY

ADHESIVES, SEALANTS AND LUBRICANTS
HYDRAULIC HOSES AND FITTINGS

HOSE TECHNOLOGY

INDUSTRIAL HOSES AND FITTINGS
V-BELTS, FLAT BELTS, CONVEYOR BELTS

PROFILE TECHNOLOGY

PLASTICS
HYDRAULIC / PNEUMATIC SEALS
TIMING BELTS AND PULLEYS

If required, we are also pleased to
assemble different product elements into
individual assemblies.

