



PRODUCT RANGE

INDUSTRIAL ADHESIVES & AEROSOLS

ANAEROBIC PRODUCTS



AEROSOLS



CA-ADHESIVES



1C ADHESIVES AND SEALANTS



2C ADHESIVES AND SEALANTS



ACCESSORIES





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The product line of Gluetec Industrieklebstoffe GmbH & Co. KG

Shaped by its origin as a family enterprise and according to the distinct company philosophy, Gluetec Industrieklebstoffe GmbH & Co. KG has built up over the years an extensive and unique product portfolio.

Under the umbrella of the parent company in Germany, the trademarks **WIKO**, **WELDYX** and **GLUETECplus** are clearly structured, which can be demonstrated as follows.



The existing **WIKO** product line is designed to fulfil the versatile demands of individual customers as efficiently as possible. From this objective results a comparatively broad and deep assortment of goods, which includes the following product groups:

- Anaerobic adhesives
- Cyanoacrylate adhesives
- MS polymer adhesives & sealants
- Aerosols
- Silicones
- Assembly and contact adhesives
- Epoxy adhesives
- Polyurethane adhesives
- Acrylate adhesives
- Methyl methacrylate adhesives
- Insulation & fabric tapes
- High temperature pastes
- UV adhesives
- Appropriate cleaning and pre-treatment products
- Appropriate processing accessories



The **WELDYX** product line includes two-component methyl methacrylate adhesives. These adhesives have been developed with particular attention to an increased degree of specialization to meet specific requirements of industrial applications. This focus can be differentiated as follows:

- **Weldyx professional** for structural, high-strength, yet easily extensible bonds
- **Weldyx expert** for high-strength and rigid bonds
- **Weldyx transparent** for fast curing and transparent bonds
- **Weldyx polyplast** for bonding low surface energy plastics

GLUETECplus

The brand **GLUETECplus** offers a variety of competent and professional services related to the product, design, services and the process, all tuned to individual wishes and demands of customers. The credo in this context is „everything under one roof“ - from the custom-designed product development to individual bottles, dosages, packaging and labels, and even process-oriented application and marketing concepts. **GLUETECplus** is thus synonymous with flexibility and individuality, perfectly tuned to customer fulfilment.

As of spring 2016, we expand our machine park. Besides our fully automatic labelling machine, which has been operating successfully for over one year, we are introducing a fully automatic bottling machine. Thus, we can take over the contract bottling / filling for your products next to our own brands. Please feel free to contact us.

With **GLUETECplus** we offer you:

- contract bottling / filling (fully automatic)
- contract labelling and packing
- product consulting and planning
- customer specific product development
- labelling according to legal regulations
- customised containers
- individual packaging
- private label



For further information:

The product catalogs of our brands **WIKO**, **WELDYX** and **GLUETECplus** are available on the internet at www.gluetec.de

If required, we will gladly provide you with non-committal information material for the bonding of polyolefin plastics or for elastic and maritime applications.

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NEW PRODUCTS

ULTIMATE ELONGATION

User-friendly polyurethane with high elongation of 800 % (at break).



Low on emissions



- Outstanding elongation and mechanical properties
- More user-friendly than comparable polyurethanes
- Good weather and humidity resistance
- Ability to be re-grinded in spite of flexibility
- After solid skin formation, long term coating and varnishing possible
- Suitable for elastic bonding and sealing in different application areas from vehicle construction to facade engineering
- Excellent ability to be smoothed and modelled if desired or necessary
- Good stability



processing time

MMA PLASTCOMET

For the structural bonding of various plastic or composite materials and metals.



processing time:
MMA_PCM5



processing time:
MMA_PCM20

- For high-strength bonding with a certain flexibility/elongation
- Above-average gap filling ability
- Temperature resistance:
-40 °C to +100 °C
- Wide adhesion spectrum, e.g. from ABS and carbon fibre up to aluminium

Product	Trading unit	Item no.	P.U.	Colour	Processing time
MMA PLASTCOMET 5	490 ml cartridge	MMA_PCM5.K490	1	grey	approx. 4 - 7 minutes
MMA PLASTCOMET 20	490 ml cartridge	MMA_PCM20.K490	1	grey	approx. 16 - 22 minutes

1C AND 2C ADHESIVES AND SEALANTS

WIKO ULTIMATE ELONGATION is a 1-component, elastic, moisture-curing, polyurethane-based bonding and sealing compound.

The product, in accordance with its name, excels by an ultimate elongation, which, in conjunction with the adequate tensile strength, constitutes a massive technical performance parameter.

The described technical superiority is completed by a very low monomer residual content – thus, the product is classified as essentially more user-friendly than comparable polyurethanes.

The product has a CE-Approval (EN15651-1) as a joint sealant for facade elements used in interior and exterior areas.

It can be applied to the bonding and sealing of various materials with and among each other, e.g. joints, junctures or overlapping materials.

OTHER PRODUCT FEATURES:

- adheres to a variety of
 - untreated, primed or varnished metals (e.g. aluminium or stainless steel)
 - powder-coated components
 - wooden composites (e.g. plywood or solid wood)
 - thermosets
 - thermoplastics (e.g. ABS or PVC)
 - glass fibre reinforced synthetics
 - mineral materials used in standard construction
- does not separate substances which negatively affect the adhesion build-up of a varnish on the surrounding subsurface
- reduced work preparation workload – considering the confirmation by according pre-tests, there is no necessity for a primer/bonding agent in most cases



Dispensing gun
for 310 ml cartridge and 400 ml tubular bag, manual, made of metal

Item no.	P.U.
DPM310/400S	1



Dispensing gun
for 310 ml cartridge, 400 ml and 600 ml tubular bag, battery operated, made of metal

Item no.	P.U.
DPA310/400/600S	1

Product	Trading unit	Item no.	P.U.
ULTIMATE ELONGATION WHITE	300 ml cartridge	UEWUF.K300	12
ULTIMATE ELONGATION GREY	300 ml cartridge	UEGUF.K300	12
ULTIMATE ELONGATION BLACK	300 ml cartridge	UESUF.K300	12

2C ADHESIVES AND SEALANTS

MMA PLASTCOMET 5 and 20 are 2-component methacrylate adhesives with a mixing ratio of 10:1, intended for high-strength structural bonds, which require a certain flexibility/elongation.

Because of its broad adhesion spectrum, the products are suited for the bonding of a number of plastic or composite materials and metals. In addition, the products provide an excellent resistance to impact, peeling, pressure and fatigue after full cure, whereby even complex requirement profiles can be mastered.

On request, the **MMA PLASTCOMET** series is available in litre barrels for application with dispensing systems and in individual processing times.

PERFORMANCE CHARACTERISTICS:

- no necessity for priming or grinding on a variety of surfaces
- suited for a variety of bondings which are subject to a dynamic strain
- stable rheology/viscosity setting
- enables the compensation of production tolerances
- quick formation of mechanical properties allows a prompt processing of the work pieces
- excellent resistance to environmental influences
- appropriate colour compatibility with various substrates



Dispensing gun
for 490 ml cartridge, 10:1 manual, made of plastic

Item no.	P.U.
DPM490P	1

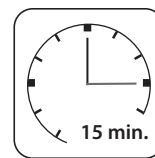
Fixture time	Viscosity	Tensile shear strength (stainless steel)	Final strength	Tensile elongation	Temperature resistance	Gap filling capability
approx. 12 - 18 minutes	comp. A: 100.000 - 140.000 mPa·s comp. B: 80.000 - 120.000 mPa·s	≥ 16 N/mm ²	24 hours	approx. 70 %	-40 °C to +100 °C	1 - 15 mm
approx. 25 - 35 minutes	comp. A: 100.000 - 140.000 mPa·s comp. B: 80.000 - 120.000 mPa·s	≥ 16 N/mm ²	24 hours	approx. 70 %	-40 °C to +100 °C	1 - 25 mm

FAST DRIVE

Window adhesive with a short drive-away time – including airbag only 1 hour.



- Saving of costs and time due to the short drive-away time
- Free from PVC and solvents
- Low electrical conductivity
- Durable window sealing to resist environmental influences and ensure temperature preservation as well as acoustic insulation
- Excellent stability with a short strapping
- Good adherence on PU-residual layer
- High tensile shear strength



processing time

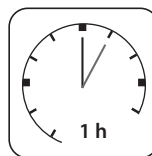
Due to the additional sealing used on the back, long-term product quality is guaranteed

EPOXY IMPERFECTION COUNTER

The alternative to alluvial tin or tin-solder.



vehicle repair



processing time

- Simple handling and processing
- Easy and fine re-grinding
- Re-varnishing with various coating systems possible
- Colour: grey
- Curing time affected by addition of temperature
60 minutes (between +60 °C and +70 °C)
8 to 24 hours (at +25 °C)
- Temperature resistance:
–40 °C to +90 °C

Product advantage of the 265ml cartridge:
Possible to handle 2C adhesive in a 1C dispensing gun thanks to the integrated peel-plunger.

Since they are constantly subjected to the effects of weather, rock falls, abrasion, torsion etc., high demands are placed on the glazing of motor vehicles. Just like any other overall system, which has to show long-term high-performance functions, all individual parts need to meet the requirements of that overall system. Practically, this means that even the most high quality car windscreen is only as efficient as the adhesive that bonds the windscreen with the bodywork.

With the PU-adhesive **WIKO FAST DRIVE**, GLU-ETEC Industrieklebstoffe is providing a product which meets these requirements and enables a professional glazing, e.g. for the following functions:

WINDSCREENS BONDED WITH FAST DRIVE...

- ... increase the body stiffness of the vehicle in a head-on collision
- ... enable the windscreen to support the passenger airbag in a head-on collision
- ... compensate torsion, vehicle body torsion and tension caused by uneven roads

FAST DRIVE REPAIR SET:

- 1 pcs. Windscreen adhesive 310ml-Aluminium-cartridge
- 1 pcs. Primer 20ml-Aluminiumcan
- 1 pcs. Pre-Cleaning Wipe
- 1 pcs. Wool Brush
- 1 pcs. V-shaped Dosing Tip with guidance part
- 1 pcs. Instruction sheet

Product	Trading unit	Item no.	P.U.
FAST DRIVE-SET	Set	FD.SET	1
FAST DRIVE	310 ml cartridge	FD.K310	12
FAST DRIVE	400 ml bag	FD.B400	20
FAST DRIVE	600 ml bag	FD.B600	24



Dispensing gun
for 310 ml cartridge and 400 ml tubular bag, manual, made of metal

Item no.	P.U.
DPM310/400S	1



Dispensing gun
for 310 ml cartridge, 400 ml and 600 ml tubular bag, battery operated, made of metal

Item no.	P.U.
DPA310/400/600S	1

WIKO EPOXY IMPERFECTION COUNTER is a solvent-free, epoxy resin-based, 2-component system for the finishing of imperfections and damages on metallic surfaces. This broad application spectrum is the result of the good mechanical properties, the impeccable processing possibilities after curing as well as the corresponding chemical stability/compatibility. This is complemented by the equivalent colouring as well as the option of curing at room temperature or accelerated curing due to adding temperature.

EXEMPLARY APPLICATION WITH:

- welds
- overlapping material or junctions
- irreversible deformations
- removed patches of rust
- small cracks and holes in the material
- rock falls and scratches
- strongly stressed/abraded surfaces
- small to be closed cavities
- surfaces which need precise modelling or polishing into shape
- body work-miss cuts
- spots which can't be varnished and require reparation with a metallic look



Mixing nozzle 2:1, for 265 ml cartridge (Item no. MXQ265GS) guarantees an optimal mixture and precisely dispensing.



Dispensing gun
for 310 ml cartridge and 400 ml tubular bag, manual, made of metal

Product	Trading unit	Item no.	P.U.
EPOXY IMPERFECTION COUNTER	265 ml cartridge	EPO_IC.K265	1

Item no.	P.U.
DPM310/400S	1

NEW PRODUCTS

REPAIR 120 UF

User-friendly 2-component polyurethane for quick repair work.

Low on emissions



- Colour: grey
- Tack free time: approx. 20 minutes
- Curing time: approx. 1,5 hours
- Temperature resistance: -40 °C to +80 °C
- More user-friendly compared to other polyurethanes



processing time

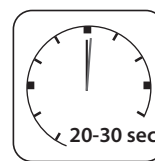
Product	Trading unit	Item no.	P.U.	Colour	Processing time
REPAIR 120 UF (on request)	50 ml cartridge	REP120UF.K50	1	grey	approx. 2 minutes

TIMBER QUICK FIX

For a quick fixation of wooden composites and various other composites.



- Colour: amber
- Fixing time: 120 – 150 seconds
- Temperature resistance: -40 °C to +120 °C
- A mechanical fixation is obsolete in most cases due to the very fast functional hardness
- The product serves for a quick fixation of wooden composites in various application areas



processing time

Product	Trading unit	Item no.	P.U.	Colour	Processing time
TIMBER QUICK FIX	50 ml cartridge	TQF.K50	1	amber	20 - 30 seconds

WIKO Repair 120 UF is a fast responding 2-component-polyurethane adhesive which, after being mixed by means of a static mixer, creates a stable synthetic material and can be reworked in almost any way as well as re-varnished with commercial lacquer. The adhesive is suitable for cosmetic and structural repair work and is applicable almost universally, because it can be modelled during pot life if necessary.

PERFORMANCE CHARACTERISTICS:

- bonding and sealing of holes, cracks and joints on plastics like PP/EPDM, SMC, PC, PA, ABS, PUR as well as metal
- applications are found within the motor vehicle sector, e.g. bumpers, bucket seats, spoilers, head-lamp brackets, mudguards, wheel arches, moulding, tuning parts or flanged seams.



Dispensing gun for 50 ml cartridge manual, made of plastic

Item no.	P.U.
DPM50P	1

Tack free	Tensile shear strength	May be processed mechanically	Curing time	Temperature resistance
approx. 20 minutes	approx. 8 MPa	approx. 1 hour	approx. 1,5 hours	-40 °C to +80 °C

WIKO TIMBER QUICK FIX is a 2-component polyurethane adhesive with a very short open time (20 to 30 sec.) which rapidly gains a functional hardness at room temperature (120 – 150 sec.). The product serves for a quick fixation of wooden composites in various application areas.

Besides the very short temporal curing parameters, the product features a broad adhesion spectrum – spruce woods, beech woods, various oriented strand boards, decor-coated woods, multiplex systems with solid woods, undercoated woods, pearl-coated woods as well as a large number of other raw and coated woods can be bonded with **TIMBER QUICK FIX**, for example.

In other adhesion tests positive results were achieved on floor tiles, cellular concrete, concrete slabs, cobblestone, mirrors, plasterboard, and glass. Because of the variety of systems available on the market, the previously mentioned results do not replace tests carried out independently.

- Furthermore, the product can be used to compensate roughness of surfaces (approved up to 5 mm coatthickness).
- The characteristic above mentioned is completed by the ability of being re-grinded manually as well as mechanically. Moreover, the re-varnishing with a variety of lacquer systems has been tested.



Dispensing gun for 50 ml cartridge manual, made of metal

Item no.	P.U.
DPM50S	1



Mixing nozzle with widened outlet (chopped outlet) for 25 ml, 37 ml and 50 ml (Art.-Nr. MXDCO25/37/50t)

Fixture time	Viscosity	Tensile strength	Curing time	Tensile elongation	Temperature resistance
approx. 120 - 150 seconds	comp. A: 1.000 - 1.500 mPa·s comp. B: 1.500 - 2.000 mPa·s	17 N/mm ²	24 hours	80 - 90 %	-40 °C to +120 °C

MULTI POWER SPEZIAL 17

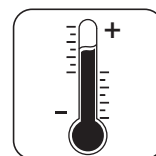
For conjunctions with a high impact and peel strength.



- Above average tensile strength
- Fixing time: 20 – 35 minutes
- Solid temperature resistance:
–40 °C to +149 °C
- Thin adhesive layer thickness possible
– optimum: 0,25 mm



processing time



high temperature resistance

Product benefits of the 150ml cartridge:
Possible to handle a 2-component adhesive in a 1-component dispensing gun when a DPST150-plunger is used

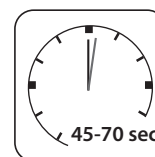
Product	Trading unit	Item no.	P.U.	Colour	Processing time
MULTI POWER SPEZIAL 17	150 ml cartridge 490 ml cartridge	MPSP17.K150 MPSP17.K490	1	greenish after curing	approx. 3 - 6 minutes

MULTI POWER TRANSPARENT

For transparent, high-strength and rigid bonds of different materials.



- Fast functional hardness enables short-term repair and assembly work
- Temperature resistance:
–40 °C to +125 °C
- Ideal for visual demanding bonds, e.g. sporting goods, displays or furniture



processing time

Product	Trading unit	Item no.	P.U.	Colour	Processing time
MULTI POWER TRANSPARENT	50 ml cartridge	MPT.K50	1	transparent	approx. 45 - 70 seconds

MULTI POWER SPEZIAL 17 is a 2-component, strain hardening adhesive for metal and thermoplastic synthetics. The product is an acryl-based structural adhesive for numerous treated and untreated metals and technical synthetics. It was specially developed to ensure a high impact and peel strength as well as a good resistance to cold. It replaces numerous mechanical connection and fixing methods like riveting, welding or soldering especially at low temperatures.

PERFORMANCE CHARACTERISTICS:

- bonding of untreated metals possible
- bonds numerous thermoplastic synthetic, e.g. polycarbonate
- bonding of vertical surfaces possible
- little surface-treatment necessary
- resistant against diluted acids, alkaline substances, solvents, greases, oils, humidity, solar radiation and weathering



Dispensing gun
for 290 ml and 310 ml cartridge
manual, made of metal

Item no.	P.U.
DPM290/310S	1



Plunger, 10:1
for 150 ml cartridge

Item no.	P.U.
DPST150	1

Fixture time	Viscosity	Tensile strength (stainless steel)	Final strength	Tensile elongation	Temperature resistance
approx. 20 - 35 minutes	comp. A: 100.000 - 300.000 mPa-s comp. B: 1.000 - 3.500 mPa-s	32 N/mm ²	24 hours	30 %	-40 °C to +149 °C

MULTI POWER TRANSPARENT is a transparent 2-component acrylate-based adhesive with a mixing ratio of 1:1. Due to its unique composition **MULTI POWER TRANSPARENT** is well-suited to meet the high requirements of assembly work as well as smaller industrial applications. The product bonds composites, thermoplastics, thermosets and metals. It creates a high-strength and rigid connection between different materials.

PERFORMANCE CHARACTERISTICS:

- fast curing at room temperature
- high shore hardness
- constant processing properties
- excellent media resistance
- thixotropic properties
- limited necessity of surface treatment or priming concerning most metals
- easy application even on uneven surfaces
- permanent bonding even for difficult applications
- excellent resistance towards material fatigue and the effect of impact
- excellent finishing properties of the bonds, ideal for grinding, drilling or varnishing



Dispensing gun for 50 ml cartridge
manual, made of metal

Item no.	P.U.
DPM50S	1

Fixture time	Viscosity	Tensile strength (stainless steel)	Final strength	Tensile elongation	Temperature resistance
approx. ≤ 3 minutes	comp. A: 16.000 - 22.000 mPa-s comp. B: 15.000 - 21.000 mPa-s	approx. 16 N/mm ²	24 hours	approx. 5 %	-40 °C to +125 °C

ANAEROBIC ADHESIVES

The anaerobic adhesives of our product range are adhesives that cure by exclusion of oxygen and metal contact. The product keeps its liquid aggregate state until application by oxygen contained in the trading unit and the passive packaging material. If the material is applied into a gap that affects the exclusion of oxygen, the peroxides of the adhesive, influenced by metal ions, create free radicals, which trigger the polymerisation (=monomers create polymer chains).

The migration of metal ions is an important factor in the application of anaerobic systems, therefore, one component of the joint has to be out of metal. One differentiates between active and passive materials that either accelerate or decelerate the polymerisation.

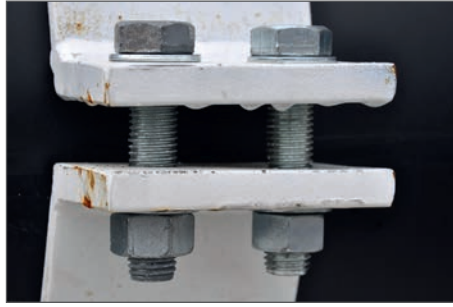
If a passive material is to be applied, the **WIKO** product range can offer a special product adjusted to the material or activator.

A general non-binding classification of materials:

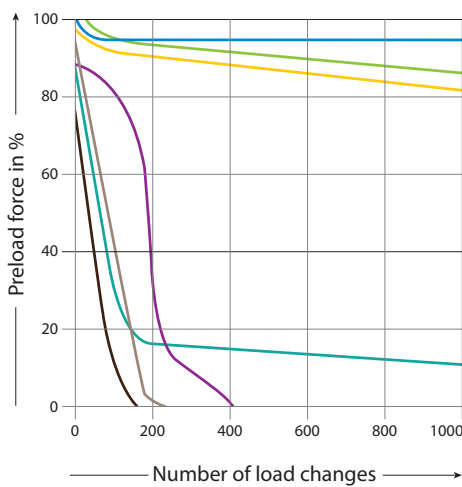
Active materials	Passive materials
Brass	Aluminium (with low Cu-content)
Copper	Ceramic
Iron	High-alloy steel
Steel	Nickel
Bronze	Oxide layer
	Silver
	Stainless steel
	Tin
	Zinc

Further factors that significantly affect the cross-linking besides the material:

- Size of the adhesive gap
- Amount of applied adhesive
- Temperature of material and environment
- Additional use of activator



Loosening torque at different thread-locking devices:



Standard screw - with WIKO threadlocker

Adhesive screw - ripp bolts

Swatooth-shaped flange - screw with sawtooth-shaped flange

Nut - with polyamid ring

Tooth wheel - screw with tooth wheel DIN 6797 A

Spring washer - screw with spring washer DIN 127 A

Unsecured standard screw

Please consider: The featured examples are only application possibilities related to specific product groups. We are glad to provide you with the specific product data sheet if you require technical or safety-related information.

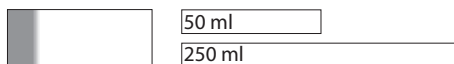
THREADLOCKERS low-strength to medium-strength

For easily removable screw connections.

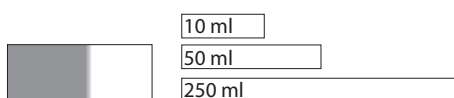


- Threadlocker for removable screw connections
- Prevention of unwanted shifting as well as leaks and corrosion in threads
- Lasting resistance to vibration and impact

Low-strength threadlocker



Medium-strength threadlocker

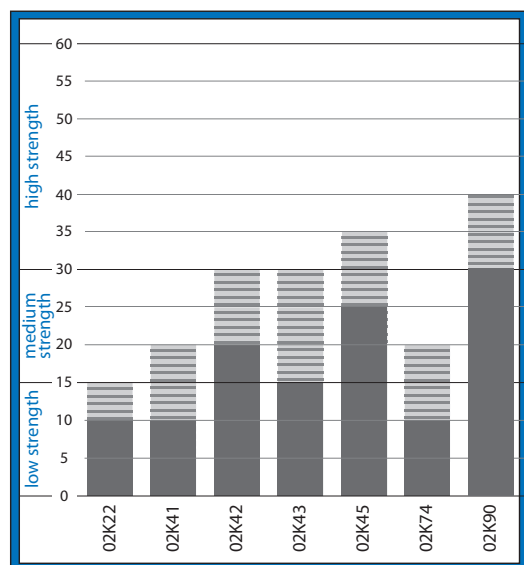


WIKO THREADLOCKERS low-strength to medium-strength reliably secure any screw and thread connections against unwanted shifting due to impact or vibration.

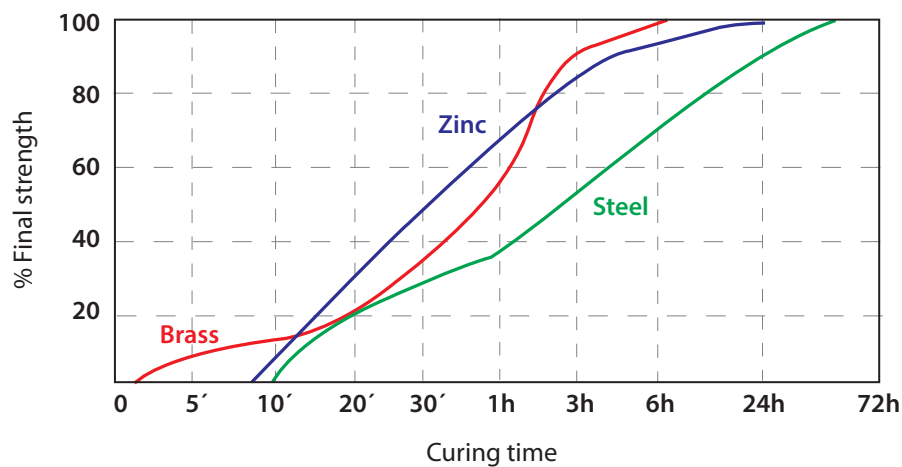
The screw connections secured with **WIKO THREADLOCKERS** low-strength to medium-strength can be removed with normal tools and average expenditure of energy.

Product	Strength	Trading unit	Item no.	P.U.	Colour	Viscosity
02K22	low-strength	50 ml bottle 250 ml bottle	02K22.F50 02K22.F250	10 1	violet (fluorescent)	1.500 - 2.000 mPa·s
02K41	medium-strength	50 ml bottle 250 ml bottle	02K41.F50 02K41.F250	10 1	blue (fluorescent)	300 - 700 mPa·s
02K42	medium-strength	50 ml bottle 250 ml bottle	02K42.F50 02K42.F250	10 1	blue	2.000 - 4.000 mPa·s
02K43	medium-strength	10 ml bottle 50 ml bottle 250 ml bottle	02K43.F10 02K43.F50 02K43.F250	30 10 1	blue	2.000 - 4.000 mPa·s
02K45	medium-strength	50 ml bottle 250 ml bottle	02K45.F50 02K45.F250	10 1	blue (fluorescent)	3.000 - 5.000 mPa·s
02K74	medium-strength	250 ml bottle	02K74.F250	1	blue (fluorescent)	300 - 700 mPa·s
02K90 (on request)	medium-strength	50 ml bottle 250 ml bottle	02K90.F50 02K90.F250	10 1	green (fluorescent)	10 - 20 mPa·s (mit capillary effect)

WIKO Threadlocker in comparison:
Breakaway torque (M10) Nm



Curing profile (M10):



WIKO THREADLOCKERS feature capillary action due to the complete filling of interspaces in the threads.

Depending on the application, the one-component adhesives are available in low-strength and medium-strength versions.

WIKO ANAEROBIC PRODUCTS can be applied in a clean and easy way due to optimised trading units.



TWIST-CAP-for precise dispensing.
Outlet: 2 mm

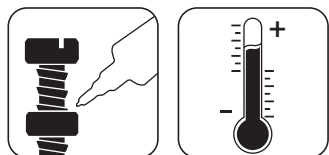


TWIST-CAP-for precise dispensing.
Outlet: 4 mm

Max. thread diameter	Breakaway torque (M10)	Fixture time	Full cure time	Temperature resistance
M 36	10 - 15 Nm	10 - 15 minutes	12 - 24 hours	-55 °C to +150 °C
M 12	10 - 20 Nm	5 - 15 minutes	12 - 24 hours	-55 °C to +150 °C
M 36	20 - 30 Nm	5 - 15 minutes	12 - 24 hours	-55 °C to +150 °C
M 36	20 - 30 Nm	5 - 15 minutes	12 - 24 hours	-55 °C to +150 °C
M 36	25 - 35 Nm	5 - 10 minutes	12 - 24 hours	-55 °C to +150 °C
M 12	10 - 20 Nm	5 - 15 minutes	12 - 24 hours	-55 °C to +150 °C
M 6	approx. 35 Nm	approx. 20 minutes	12 - 24 hours	-60 °C to +150 °C

THREADLOCKER high-strength and heat resistant

For heavily stressed screw connections.



- Threadlocker for screw connections that are difficult or impossible to disassemble
- Prevention of unwanted shifting as well as leaks and corrosion in threads
- Lasting resistance to vibrations

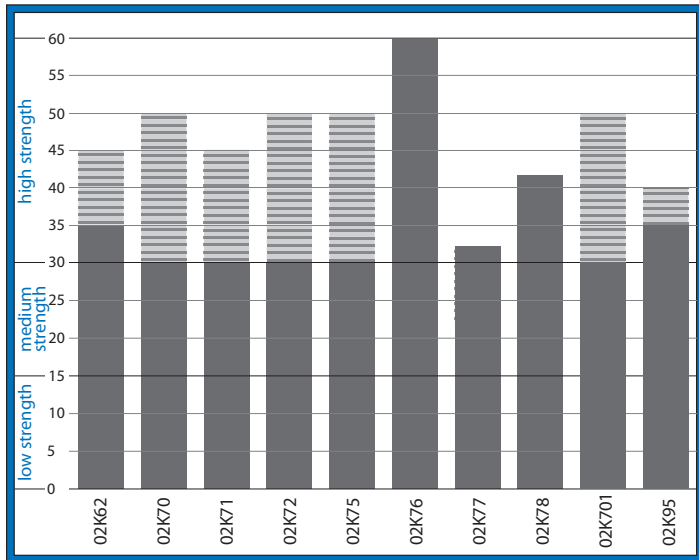
high-strength	10 ml
	50 ml
	250 ml
high-strength and heat resistant	50 ml
	250 ml

WIKO THREADLOCKERS high-strength and heat resistant reliably secure any screw and thread connections against unwanted shifting due to impact or vibration.

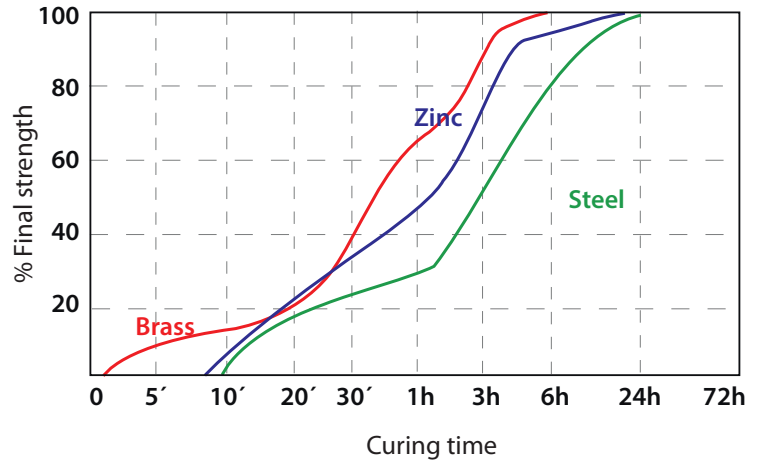
The screw connections secured with **WIKO THREADLOCKERS** high-strength and heat resistant are difficult to remove.

Product	Strength	Trading unit	Item no.	P.U.	Colour	Viscosity
02K62	high-strength	50 ml bottle 250 ml bottle	02K62.F50 02K62.F250	10 1	red (fluorescent)	1.500 - 3.000 mPa·s (Sp.4/RPM30) 1.400 - 2.000 mPa·s (Sp.4/RPM100)
02K70	high-strength	10 ml bottle 50 ml bottle 250 ml bottle	02K70.F10 02K70.F50 02K70.F250	30 10 1	green (fluorescent)	400 - 700 mPa·s
02K71	high-strength	50 ml bottle 250 ml bottle	02K71.F50 02K71.F250	10 1	red	400 - 600 mPa·s
02K72	high-strength and heat resistant	50 ml bottle 250 ml bottle	02K72.F50 02K72.F250	10 1	red	10.000 - 15.000 mPa·s
02K75	high-strength and heat resistant	50 ml bottle 250 ml bottle	02K75.F50 02K75.F250	10 1	red	10.000 - 15.000 mPa·s
02K76 (on request)	high-strength	50 ml bottle 250 ml bottle	02K76.F50 02K76.F250	10 1	green (fluorescent)	380 - 620 mPa·s
02K77 (on request)	high-strength	50 ml bottle 250 ml bottle	02K77.F50 02K77.F250	10 1	red (fluorescent)	6.000 - 8.000 mPa·s
02K78 (on request)	high-strength	50 ml bottle 250 ml bottle	02K78.F50 02K78.F250	10 1	green	2.000 - 5.000 mPa·s
02K95	high-strength and heat resistant	250 ml bottle	02K95.F250	1	green	2.000 - 3.000 mPa·s
02K701	high-strength	50 ml bottle 250 ml bottle	02K701.F50 02K701.F250	10 1	green (fluorescent)	400 - 700 mPa·s

WIKO Threadlocker in comparison:
Breakaway torque (M10) Nm



Curing profile (M10):



WIKO THREADLOCKERS feature capillary action due to the complete filling of interspaces in the threads.

Depending on the application, the one-component adhesives are available in high-strength and heat resistant versions.



TWIST-CAP-for
precise dispensing.
Outlet: 2 mm



TWIST-CAP-for
precise dispensing.
Outlet: 4 mm

Max. thread diameter	Breakaway torque (M10)	Fixture time	Full cure time	Temperature resistance
M 36	35 - 45 Nm	10 - 15 minutes	12 - 24 hours	-55 °C to +150 °C
M 20	30 - 50 Nm	5 - 10 minutes	12 - 24 hours	-55 °C to +150 °C
M 20	30 - 45 Nm	5 - 15 minutes	12 - 24 hours	-55 °C to +150 °C
M 36	30 - 50 Nm	20 - 40 minutes	12 - 24 hours	-50 °C to +200 °C
M 36	30 - 50 Nm	20 - 40 minutes	12 - 24 hours	-50 °C to +200 °C
M 20	approx. 60 Nm	approx. 5 minutes	approx. 24 hours	-55 °C to +150 °C
M 80	approx. 32 Nm	approx. 30 minutes	approx. 24 hours	-55 °C to +150 °C
M 36	approx. 42 Nm	approx. 20 minutes	approx. 24 hours	-55 °C to +200 °C
M 36	approx. 45 Nm	10 - 15 minutes	12 - 24 hours	-55 °C to +200 °C
M 20	30 - 50 Nm	5 - 10 minutes	12 - 24 hours	-55 °C to +150 °C

PIPE AND HYDRAULIC SEALANT

Immediate sealing effect at low pressure.



- Sealings can be stressed usually beyond burst pressure of pipelines
- Efficient replacement for hemp, sealant tapes and pastes
- Clean and easy handling

low-strength



50 ml

250 ml

medium-strength



50 ml

250 ml

high-strength



50 ml

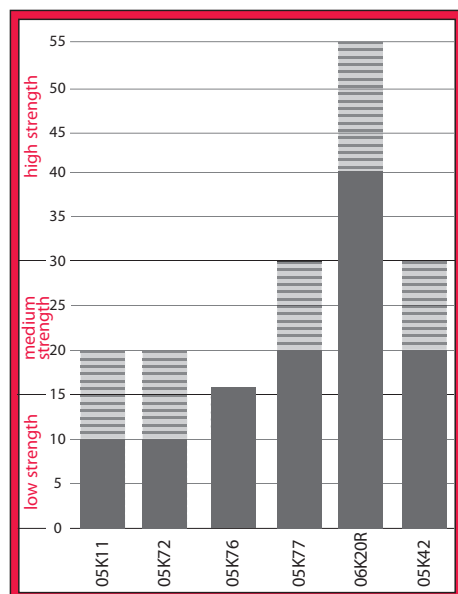
250 ml

WIKO PIPE SEALANTS feature an immediate sealing effect even at low pressure.

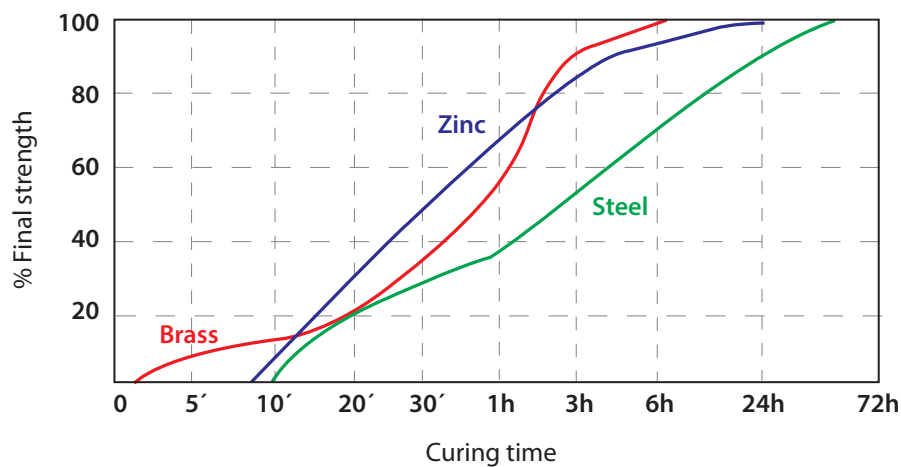
WIKO PIPE SEALANTS additionally prevent corrosion in threads and guarantee a reliable resistance to impact and vibration.

Product	Strength	Trading unit	Item no.	P.U.	Colour	Viscosity
05K11	low-strength with Teflon	50 ml concertina 250 ml tube	05K11.Z50 05K11.T250	10 1	white	15.000 - 30.000 mPa·s
05K42	medium-strength	50 ml bottle 250 ml bottle	05K42.F50 05K42.F250	10 10	brown (fluorescent)	500 - 800 mPa·s
05K72	low-strength with Teflon	50 ml concertina 250 ml tube	05K72.Z50 05K72.T250	10 1	white	15.000 - 30.000 mPa·s
05K76 (on request)	low-strength with Teflon	50 ml concertina 250 ml tube	05K76.Z50 05K76.T250	10 1	brown	2.000 - 3.000 mPa·s
05K77	medium-strength with Teflon	50 ml concertina 250 ml tube	05K77.Z50 05K77.T250	10 1	yellow	20.000 - 40.000 mPa·s
06K20R	hochfest	50 ml bottle 250 ml bottle	06K20R.F50 06K20R.F250	10 1	green (fluorescent)	5.000 - 10.000 mPa·s

WIKO Pipe sealants in comparison:
Breakaway torque (M10) Nm



Curing profile (M10):



Depending on the application, the one-component adhesives are available in low-strength, medium-strength and high-strength versions.

In accordance with the product viscosity there are different trading units available in order to minimise the product loss within the container.



TWIST-CAP-for
precise dispensing.
Outlet: 2 mm



TWIST-CAP-for
precise dispensing.
Outlet: 4 mm

Max. thread diameter	Breakaway torque (M10)	Fixture time	Full cure time	Temperature resistance
M 80 (R3")	10 - 20 Nm	5 - 15 minutes	12 - 24 hours	-55 °C to +150 °C
M 26 (R 3/4")	20 - 30 Nm	5 - 15 minutes	12 - 24 hours	-55 °C to +150 °C
M 80 (R3")	10 - 20 Nm	5 - 15 minutes	12 - 24 hours	-55 °C to +150 °C
M 80 (R3")	approx. 16 Nm	2 - 10 minutes	approx. 12 hours	-60 °C to +150 °C
M80 (R3")	20 - 30 Nm	10 -20 minutes	12 - 24 hours	-55 °C to +150 °C
M 50 (R2")	40 - 55 Nm	5 - 10 minutes	9 - 18 hours	-50 °C to +200 °C

RETAINING COMPOUNDS

100% contact between the metal surfaces.



- Excellent gap-filling even for high tolerances
- Excellent resistance to vibration
- Even transmission of loads onto adherent surfaces

medium-strength



50 ml

250 ml

high-strength



50 ml

250 ml

high-strength
and heat
resistant



10 ml

50 ml

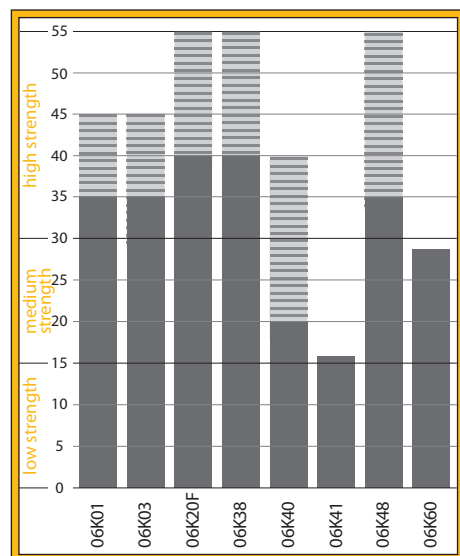
250 ml

WIKO RETAINING COMPOUNDS are used to secure roller bearings, bushes or cylindrical parts.

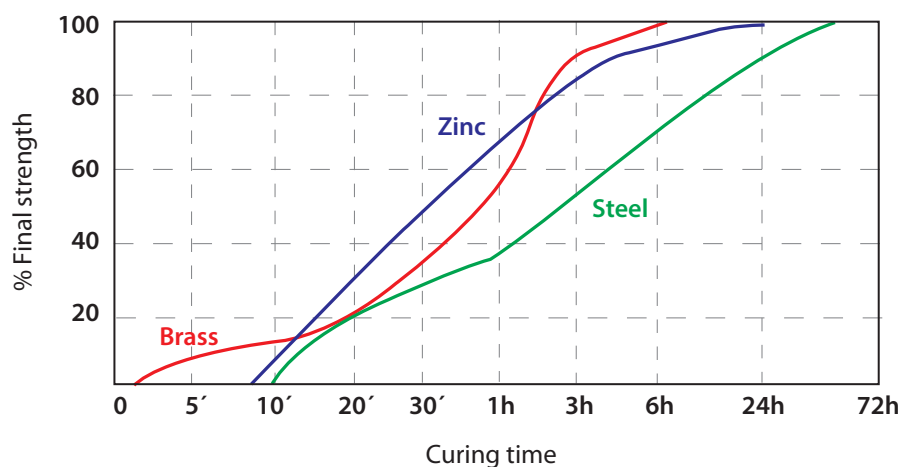
WIKO RETAINING COMPOUNDS enable a complete contact between designated surfaces, whereby contact corrosion, frictional corrosion and fitting tolerances are efficiently and permanently prevented.

Product	Strength	Trading unit	Item no.	P.U.	Colour	Viscosity
06K01	high-strength	50 ml bottle 250 ml bottle	06K01.F50 06K01.F250	10 1	green	100 - 200 mPa·s
06K03	high-strength	50 ml bottle 250 ml bottle	06K03.F50 06K03.F250	10 1	green	100 - 200 mPa·s
06K20F	high-strength and heat resistant	50 ml bottle 250 ml bottle	06K20F.F50 06K20F.F250	10 1	green (fluorescent)	5.000 - 10.000 mPa·s
06K38	high-strength	50 ml bottle 250 ml bottle	06K38.F50 06K38.F250	10 1	green (fluorescent)	3.000 - 4.000 mPa·s
06K40 (on request)	high-strength and heat resistant	50 ml bottle 250 ml bottle	06K40.F50 06K40.F250	10 1	green (fluorescent)	200 - 1.200 mPa·s
06K41	medium-strength	50 ml bottle 250 ml bottle	06K41.F50 06K41.F250	10 1	yellow	400 - 700 mPa·s
06K48	high-strength	10 ml bottle 50 ml bottle 250 ml bottle	06K48.F10 06K48.F50 06K48.F250	30 10 1	green (fluorescent)	500 - 900 mPa·s
06K60 (on request)	high-strength	50 ml concertina	06K60.Z50	10	metallic-grey	400.000 - 800.000 mPa·s

WIKO Retaining compounds in comparison:
Breakaway torque (M10) Nm



Curing profile (M10):



WIKO RETAINING COMPOUNDS prevent the discharge of liquids and therefore create high-strength and secure connections.

Depending on the application, the one-component anaerobic adhesives are available in medium-strength, high-strength, and high-strength and heat resistant versions.

In accordance with the product viscosity there are different trading units available in order to minimise the product loss within the container.



TWIST-CAP-for precise dispensing.
Outlet: 2 mm



TWIST-CAP-for precise dispensing.
Outlet: 4 mm

Max. thread diameter	Breakaway torque (M10)	Fixture time	Full cure time	Temperature resistance
0,15 mm	35 - 45 Nm	5 - 10 minutes	12 - 24 hours	-50 °C to +150 °C
0,15 mm	35 - 45 Nm	5 - 10 minutes	12 - 24 hours	-50 °C to +150 °C
0,20 mm	40 - 55 Nm	5 - 10 minutes	9 - 18 hours	-50 °C to +200 °C
0,30 mm	40 - 55 Nm	5 - 10 minutes	3 - 6 hours	-50 °C to +150 °C
0,10 mm	20 - 40 Nm	approx. 120 minutes	approx. 24 hours	-55 °C to +175 °C
0,20 mm	approx. 16 Nm	5 - 20 minutes	approx. 24 hours	-50 °C to +150 °C
0,25 mm	35 - 55 Nm	5 - 10 minutes	12 - 24 hours	-50 °C to +200 °C
0,30 mm	approx. 28 Nm	approx. 10 minutes	approx. 24 hours	-60 °C to +175 °C

FLANGE SEALANTS

Permanent prevention of leaks.



- Excellent filling of surface roughness
- Reliable sealing in case of zero-gap
- Outstanding resistance to corrosion and media

low-strength



50 ml

250 ml

medium-strength



50 ml

250 ml

high-strength



50 ml

250 ml

high-strength
and heat
resistant



50 ml

250 ml

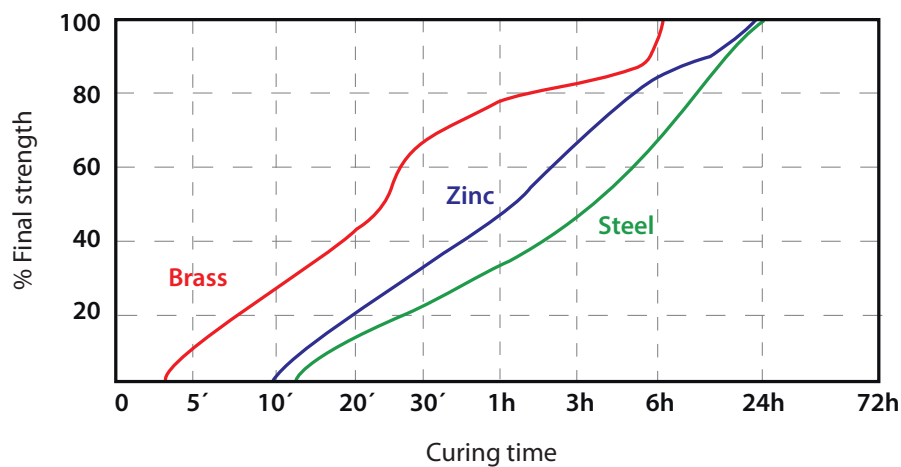
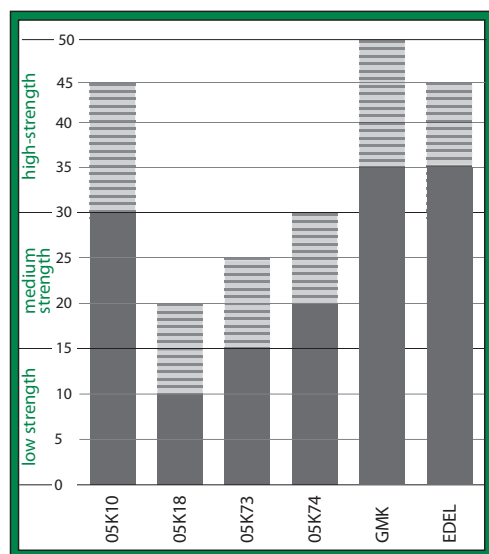
WIKO FLANGE SEALANTS are used to secure roller bearings, bushes or cylindrical parts.

WIKO FLANGE SEALANTS enable a complete contact between designated surfaces, whereby contact corrosion, frictional corrosion and fitting tolerances are efficiently and permanently prevented.

Product	Strength	Trading unit	Item no.	P.U.	Colour	Viscosity *
05K10	high-strength and heat resistant	50 ml concertina 250 ml tube	05K10.Z50 05K10.T250	10 1	red (fluorescent)	80.000 - 120.000 mPa·s
05K18	low-strength	50 ml concertina 250 ml tube	05K18.Z50 05K18.T250	10 1	red	300.000 - 500.000 mPa·s
05K73	medium- strength	50 ml concertina 250 ml tube	05K73.Z50 05K73.T250	10 1	green (fluorescent)	35.000 - 60.000 mPa·s (Sp4./RPM6) 8.000 - 15.000 mPa·s (Sp4./RPM30)
05K74	medium- strength	50 ml concertina 250 ml tube	05K74.Z50 05K74.T250	10 1	orange (fluorescent)	30.000 - 40.000 mPa·s
Glass-Metal Adhesive (on request)		250 ml bottle	GMK.F250	1	clear	5.000 - 6.000 Pa·s
Stainless steel Adhesive (on request)		250 ml bottle	EDEL.F250	1	green	2.000 - 3.000 Pa·s

WIKO Flange sealants in comparison:
Breakaway torque (M10) Nm

Curing profile (M10):



Depending on the application, the one-component anaerobic adhesives are available in low-strength, medium-strength, high-strength and heat resistant versions.

In accordance with the product viscosity there are different trading units available in order to minimise the product loss within the container.



TWIST-CAP-for precise dispensing.
Outlet: 2 mm

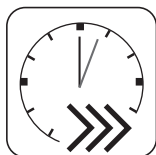


TWIST-CAP-for precise dispensing.
Outlet: 4 mm

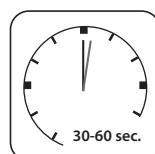
Max. thread diameter	Breakaway torque (M10)	Fixture time	Full cure time	Temperature resistance
0,30 mm	30 - 45 Nm	5 - 15 minutes	12 - 24 hours	-55 °C to +200 °C
0,35 mm	10 - 20 Nm	5 - 15 minutes	12 - 24 hours	-55 °C to +150 °C
0,35 mm	15 - 25 Nm	10 - 20 minutes	12 - 24 hours	-55 °C to +150 °C
0,35 mm	20 - 30 Nm	5 - 15 minutes	12 - 24 hours	-55 °C to +150 °C
0,25 mm	35 - 50 Nm	5 - 15 minutes	12 - 24 hours	-50 °C to +150 °C
0,35 mm	35 - 45 Nm	10 - 15 minutes	12 - 24 hours	-50 °C to + 150 °C

ANAEROBIC ACCESSORIES

Activator to increase cure speed.



Apply of activator onto inactive material.



Observe the flash-off time of 30 - 60 seconds.



Apply product.



Assemble substrates.

- Used to reaction acceleration of anaerobic adhesives
- Product supports faster curing in case of inactive materials

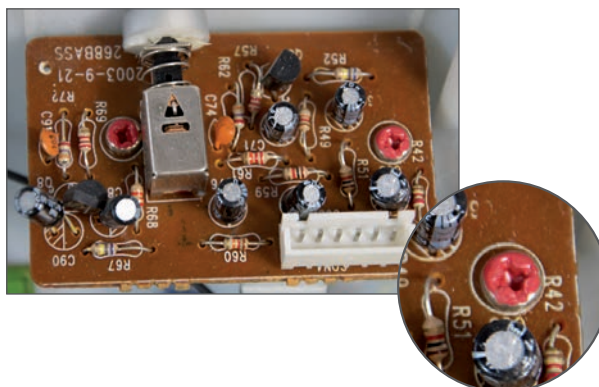
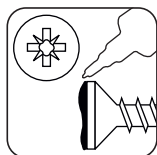
WIKO ANAEROBIC ACTIVATOR accelerates the curing of anaerobic adhesives and sealants. The time needed for the adhesive to be hand-tight will be decreased to approx. 20 - 120 seconds - time depends on chosen anaerobic adhesive, gap size as well as the room temperature.

WIKO ANAEROBIC ACTIVATOR is necessary in case of suboptimal environmental conditions (e.g. dry air, cold). Curing of the adhesive is considerably accelerated. Application of the product is especially suited in case of thick adhesive layers, to bond inactive materials and suboptimal processing conditions

Product	Trading unit	Item no.	P.U.
ANAEROBIC ACTIVATOR	200 ml aerosol can	ANAK.D200	12

PROTECTING LACQUER FOR SCREWS

To protect against interference by third parties.



- Temperature resistance of
–40 °C to +80 °C
- Excellent adhesion on many materials
- Flash-off time: > 10 seconds at 20 °C
- Curing: 30 minutes
Depending on layer thickness
- Processing temperature:
+18 °C to +30 °C

WIKO PROTECTIVE LACQUER FOR SCREWS is used for securing and marking and is removable. It also serves to protect against external intervention, to cover electroconductive parts and to protect against corrosion and interference by contact.

Product	Colour	Trading unit	Item no.	P.U.
Protective lacquer for screws	red	50 ml tube	SSL.T50R	10
Protective lacquer for screws	green	50 ml tube	SSL.T50G	10

CYANOACRYLATE-ADHESIVES

The **WIKO** product range offers cyanoacrylate adhesives that cure in seconds and can be varied in their viscosity.

The adhesive is kept in its liquid aggregate state by so-called acid stabilizers. In case of contact with slightly basic substrates and/or air humidity, the contained stabilizer is being neutralized and a polymerization is being initiated. Therefore, the best results are achieved at a relative air humidity of 40 - 60% and with a so-called zero gap.

If bonds are exposed to mechanical vibration or water contact, cyanoacrylate adhesives often reach their limit - but not the **WIKO CA** product line, which includes products that are specifically adapted to meet such demands.

Generally, the cross-linking system has the following advantages:

- Very fast curing
- Joining of a variety of materials is possible
- Good ageing resistance
- Zero gap is possible

We are glad to provide you with the specific product data sheet if you require technical/safety-related information or processing instructions.

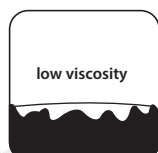
In general it can be distinguished in three viscosity classes:



- No uncontrolled running on non-horizontal surfaces
- Compensation of manufacturing tolerances
- No unintentional penetration of large-pored materials



- Accurate dosing, also for fine applications
- Suitability for controlled wetting of surfaces



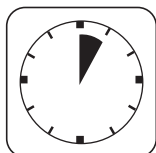
- The product is able to penetrate micro-porosities and hairline cracks due to its capillary action



Please consider: The featured examples are only application possibilities related to specific product groups. We are glad to provide you with the specific product data sheet if you require technical or safety-related information.

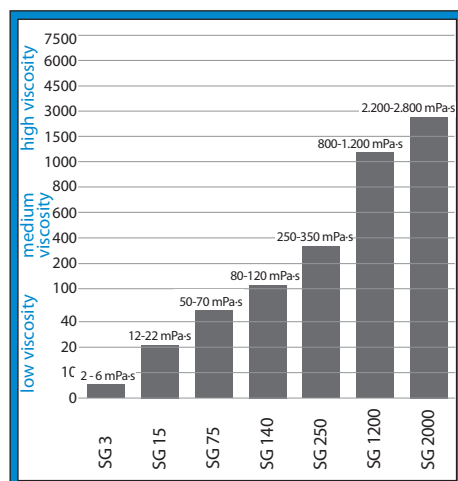
UNIVERSAL

Multiple application possibilities from A to Z.



Product	Trading unit	Item no.	P.U.	Cure speed (on EPDM rubber)	Viscosity	Tensile shear strength (on steel)
SUPER GLUE 3	10 g bottle	SG3.F10	50	1 - 3 seconds	2 - 6 mPa·s	15 - 25 N/mm ²
	20 g bottle	SG3.F20	30			
	50 g bottle	SG3.F50	20			
	500 g bottle	SG3.F500	1			
SUPER GLUE 15	10 g bottle	SG15.F10	50	3 - 6 seconds	12 - 22 mPa·s	> 15 N/mm ²
	20 g bottle	SG15.F20	30			
	50 g bottle	SG15.F50	20			
	500 g bottle	SG15.F500	1			
SUPER GLUE 75	10 g bottle	SG75.F10	50	3 - 6 seconds	50 - 70 mPa·s	15 - 25 N/mm ²
	20 g bottle	SG75.F20	30			
	50 g bottle	SG75.F50	20			
	500 g bottle	SG75.F500	1			
SUPER GLUE 140	10 g bottle	SG140.F10	50	< 5 seconds	80 - 120 mPa·s	15 - 25 N/mm ²
	20 g bottle	SG140.F20	30			
	50 g bottle	SG140.F50	20			
	500 g bottle	SG140.F500	1			
SUPER GLUE 250	10 g bottle	SG250.F10	50	< 7 seconds	250 - 350 mPa·s	15 - 25 N/mm ²
	20 g bottle	SG250.F20	30			
	50 g bottle	SG250.F50	20			
	500 g bottle	SG250.F500	1			
SUPER GLUE 1200	10 g bottle	SG1200.F10	50	< 7 seconds	800 - 1.200 mPa·s	15 - 25 N/mm ²
	20 g bottle	SG1200.F20	30			
	50 g bottle	SG1200.F50	20			
	500 g bottle	SG1200.F500	1			
SUPER GLUE 2000	20 g bottle	SG2000.F20	30	< 7 seconds	2.200 - 2.800 mPa·s	15 - 25 N/mm ²
	50 g bottle	SG2000.F50	20			
	500 g bottle	SG2000.F500	1			

WIKO CA Adhesives Universal in comparison:
Viscosity mPa·s:



- Fast curing within seconds
- Clean, almost invisible bonds
- Can be universally applied for most diverse materials
- Product can bond at zero-gap
- For warp resistant / static bonds

Every SUPER GLUE is available in a high temperature resistant version, if necessary.

WIKO SUPER GLUE UNIVERSAL products are very versatile and can be used for most diverse applications. **WIKO SUPER GLUE UNIVERSAL** products are available in different viscosities and cure speeds, whereby an individual customisation to specific needs is possible.

The **WIKO** cyanoacrylate „**Universal**“ series are suitable for a broad range of applications.

With these products you easily can bond different materials like various types of plastics, rubber, metals, woods and cork. They are even applicable for paper and cardboard.

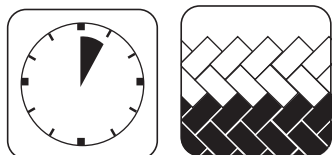


TWIST-CAP for precise dispensing

Temperature resistance	Suitability for plastics	Suitability for rubber	Suitability for metals	Suitability for porous materials
-40 °C to +85 °C	● ●	● ● ●	● ● ●	—
-55 °C to +80 °C	● ●	● ● ●	● ●	—
-40 °C to +85 °C	● ●	● ● ●	● ● ●	—
-40 °C to +85 °C	● ● ●	● ● ●	● ●	● ●
-40 °C to +85 °C	● ● ●	● ●	● ●	● ●
-40 °C to +85 °C	● ●	● ●	● ●	● ● ●
-40 °C to +85 °C	● ●	● ●	● ●	● ● ●

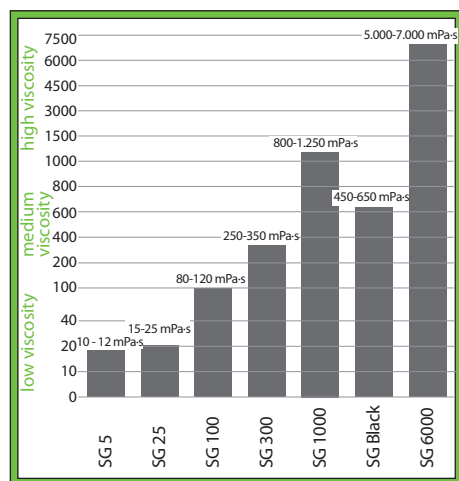
HIGH-PERFORMANCE

High initial strength for individual application possibilities.



Product	Trading unit	Item no.	P.U.	Cure Speed (on EDPM rubber)	Viscosity	Tensile shear strength (on steel)
SUPER GLUE 5	20 g bottle 50 g bottle 500 g bottle	SG5.F20 SG5.F50 SG5.F500	30 20 1	< 5 seconds	10 - 25 mPa·s	15 - 25 N/mm ²
SUPER GLUE 25	20 g bottle 50 g bottle 500 g bottle	SG25.F20 SG25.F50 SG25.F500	30 20 1	2 - 4 seconds	15 - 25 mPa·s	> 15 N/mm ²
SUPER GLUE 100	20 g bottle 50 g bottle 500 g bottle	SG100.F20 SG100.F50 SG100.F500	30 20 1	2 - 4 seconds	80 - 120 mPa·s	15 - 25 N/mm ²
SUPER GLUE 300	20 g bottle 50 g bottle 500 g bottle	SG300.F20 SG300.F50 SG300.F500	30 20 1	2 - 4 seconds	250 - 350 mPa·s	> 15 N/mm ²
SUPER GLUE 1000	20 g bottle 50 g bottle 500 g bottle	SG1000.F20 SG1000.F50 SG1000.F500	30 20 1	2 - 4 seconds	800 - 1.250 mPa·s	15 - 25 N/mm ²
SUPER GLUE 500 Black	20 g bottle 50 g bottle 500 g bottle	SGB500.F20 SGB500.F50 SGFB500.F500	30 20 1	15 seconds	450 - 650 mPa·s	> 15 N/mm ²
SUPER GLUE 6000 Flexible	20 g bottle 20 g tubw 50 g bottle 500 g bottle	SGFX6000.F20 SGFX6000.T20 SGFX6000.F50 SGFX6000.F500	30 30 20 1	< 15 seconds	5.000 - 7.000 mPa·s	15 - 25 N/mm ²

WIKO CA Adhesives Universal in comparison:
Viscosity mPa·s:



- Highly resistant to moisture
- Stable on paper and cardboard - no soaking
- Clean, almost invisible bonds
- For special applications with a very wide variety of materials
- For highly stressed bonds

Every SUPER GLUE is available in a high temperature resistant version, if necessary.

WIKO SUPER GLUE HIGH-PERFORMANCE products are developed for special applications and are used if universal super glues are unable to deliver an optimal result.

WIKO SUPER GLUE HIGH-PERFORMANCE products are available in different viscosities and cure speeds, whereby an individual customisation to specific needs is possible.

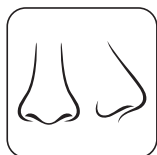
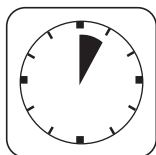


TWIST-CAP-for precise dispensing

Temperature resistance	Suitability for plastics	Suitability for rubber	Suitability for metals	Suitability for porous materials
-40 °C to +85 °C	● ●	● ● ●	● ● ●	—
-40 °C to +85 °C	● ● ●	● ● ●	● ● ●	—
-40 °C to +85 °C	● ● ●	● ● ●	● ● ●	● ● ●
-40 °C to +85 °C	● ● ●	● ● ●	● ● ●	● ● ●
-40 °C to +85 °C	● ● ●	● ● ●	● ● ●	● ● ●
-40 °C to +125 °C	● ● ●	● ● ●	● ● ●	● ● ●
-40 °C to +85 °C	● ●	● ● ●	● ● ●	● ● ●

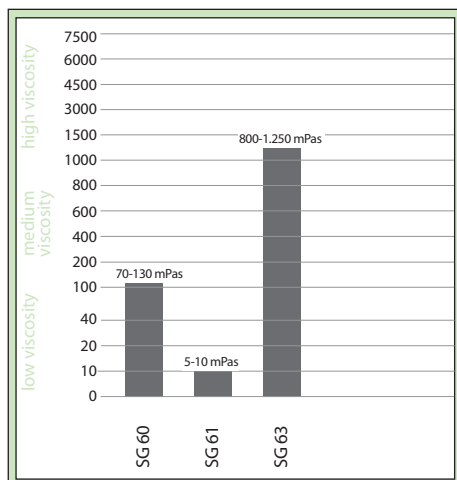
ODOURLESS

Non-blooming - Especially for bonds in modelling.



Product	Trading unit	Item no.	P.U.	Cure speed (on EPDM rubber)	Viscosity	Tensile shear strength (on steel)
SUPER GLUE 60	10 g bottle	SG60.F10	50	< 10 seconds	70 - 130 cP	> 14 N/mm ²
	20 g bottle	SG60.F20	30			
	50 g bottle	SG60.F50	20			
	500 g bottle	SG60.F500	1			
SUPER GLUE 61	20 g bottle	SG61.F20	30	< 10 seconds	5 - 10 mPa·s	14 - 20 N/mm ²
	50 g bottle	SG61.F50	20			
	500 g bottle	SG61.F500	1			
SUPER GLUE 63	20 g bottle	SG63.F20	30	10 - 15 seconds	800 - 1.250 mPa·s	14 - 20 N/mm ²
	50 g bottle	SG63.F50	20			
	500 g bottle	SG63.F500	1			

WIKO CA Adhesives Universal in comparison:
Viscosity mPa·s:



- Odourless - non-blooming
- Clean, almost invisible bonds
- Especially for applications in model making
- Product has no corrosive effect on Styrofoam® used in model making

Every SUPER GLUE is available in a high temperature resistant version, if necessary.

WIKO SUPER GLUE ODOURLESS products are perfectly suited for modelling and bonding Styrofoam®. WIKO SUPER GLUE ODOURLESS products have a non-blooming characteristic and are available in different viscosities and cure speeds, whereby an individual customisation to specific needs is possible.

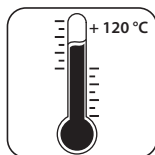
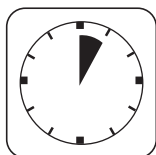


TWIST-CAP-for
precise dispensing

Temperature resistance	Suitability for plastics	Suitability for rubber	Suitability for metals	Suitability for porous materials
-40 °C to +80 °C	● ●	● ● ●	● ●	● ●
-40 °C to +85 °C	● ● ●	● ●	● ●	● ●
-40 °C to +80 °C	● ●	● ●	● ●	● ●

HIGH TEMPERATURE

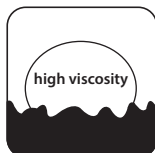
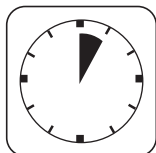
For high temperature resistant bonds and high flexibility.



Product	Trading unit	Item no.	P.U.	Cure speed (on EPDM rubber)	Viscosity	Tensile shear strength (on steel)
SUPER GLUE HT 20	10 g bottle	SGHT20.F10	50	< 6 seconds	20 - 30 mPa·s	> 15 N/mm ²
	20 g bottle	SGHT20.F20	30			
	50 g bottle	SGHT20.F50	20			
	500 g bottle	SGHT20.F500	1			
SUPER GLUE HT 300	500 g bottle	SGHT300.F500	1	7 - 10 seconds	250 - 350 mPa·s	15 - 25 N/mm ²
SUPER GLUE HT 1000	20 g bottle	SGHT1000.F20	30	7 - 10 seconds	800 - 1-200 mPa·s	15 - 25 N/mm ²
	500 g bottle	SGHT1000.F500	1			
SUPER GLUE HT 2500	10 g bottle	SGHT2500.F10	50	< 10 seconds	2.200 - 2.800 cP	> 15 N/mm ²
	20 g bottle	SGHT2500.F20	30			
	50 g bottle	SGHT2500.F50	20			
	500 g bottle	SGHT2500.F500	1			

GEL

Perfect for vertical surfaces and porous materials.



Product	Trading unit	Item no.	P.U.	Cure speed (on EPDM rubber)	Viscosity	Tensile shear strength (on steel)
SUPER GLUE GEL	20 g tube	SGG.T20	30	< 7 seconds	80.000 - 120.000 mPa·s	> 15 N/mm ²

HIGH TEMPERATURE-CA-ADHESIVE	
120 °C	
100 °C	
STANDARD-CA-ADHESIVE	
80 °C	
40 °C	
20 °C	
10 °C	
0 °C	

WIKO SUPER GLUE HIGH TEMPERATURE adhesives are the optimal choice for applications that demand for a high temperature resistant adhesive bond as well as above-average flexibility.



TWIST-CAP-for precise dispensing

Temperature resistance	Suitability for plastics	Suitability for rubber	Suitability for metals	Suitability for porous materials
-40 °C to +125 °C	● ●	● ● ●	● ●	—
-40 °C to +120 °C	● ●	● ● ●	● ●	●
-40 °C to +120 °C	● ●	● ● ●	● ●	● ●
-40 °C to +120 °C	● ●	● ●	● ●	● ● ●

● ● ● perfectly suited ● ● well suited ● limited suited — not suited

- Stable adhesive bead with high viscosity - no unintended drift of the adhesive
- Increased resistance to vibration
- Perfect for overhead applications as well as for vertical surfaces

WIKO SUPER GLUE GEL enables a comfortable application at difficult spots, e.g. working overhead or at vertical surfaces.

WIKO SUPER GLUE GEL guarantees a stable adhesive bead as well as the prevention of unwanted drift of the adhesive.

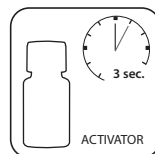
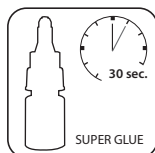
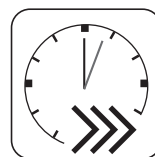
Every SUPER GLUE is available in a high temperature resistant version, if necessary.

Temperature resistance	Suitability for plastics	Suitability for rubber	Suitability for metals	Suitability for porous materials
-40 °C to +85 °C	● ● ●	● ● ●	● ● ●	● ● ●

● ● ● perfectly suited ● ● well suited — not suited

ACCESSORIES FOR CA-ADHESIVES

For professional and perfect bonding.



WIKO SUPERGLUE ACTIVATOR

• Curing accelerator for superglue

WIKO SUPERGLUE ACTIVATOR is especially applied at suboptimal environmental conditions (e.g. dry air or cold), thick adhesive layers as well as inactive materials. Moreover, WIKO SUPERGLUE ACTIVATOR is used to cure spilled adhesive.

The recommended processing temperature is between +10 °C to +30 °C.

WIKO Activator spray can be used in two different ways:

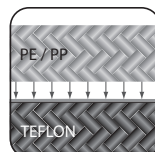
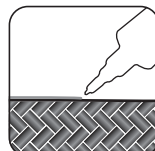
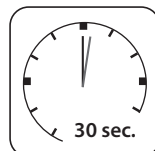
Before bonding:

Apply the spray one-sided and allow the product to evaporate. Apply WIKO SUPER GLUE onto the surfaces that were not prepared with activator. Assemble the parts immediately afterwards and wait for the adhesive to cure.

After bonding:

Spray the adhesive with activator and let it cure. In order to achieve a smooth surface, keep a sufficient spray distance (approx. 30 cm)

Product	Trading unit	Item no.	P.U.
ACTIVATOR	15 ml bottle	SGAK.F15	50
	200 ml aerosol can	SGAK.D200	12
	1000 ml can	SGAK.D1000	1



WIKO SUPERGLUE PRIMER

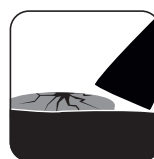
• supports the bonding of plastics that are difficult to bond like polyethylene (PE), polypropylene (PP), PTFE and thermoplastics

WIKO SUPERGLUE PRIMER is used to improve the adhesion of CA adhesives. WIKO SUPERGLUE PRIMER even enables the bonding of plastics that are difficult to bond like polyethylene, polypropylene, PTFE as well as viton / silicone.

Application:

Apply a thin layer of primer onto the designated surfaces and allow the primer 30 seconds to evaporate. Apply the adhesive on one or both sides immediately afterwards and add the substrates afterwards.

Product	Trading unit	Item no.	P.U.
PRIMER	15 ml bottle	SGP.F15	50
	1000 ml can	SGP.D1000	1



WIKO SUPERGLUE REMOVER (CA Adhesive remover)

• **WIKO SUPERGLUE REMOVER** is used for easy removal of adhesive residues

WIKO SUPERGLUE REMOVER is the ideal product to remove adhesive residues from cushions, plastics as well as lots of other materials.

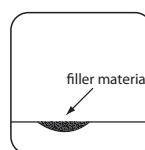
Application:

Coat the adhesive designated for removal with **WIKO SUPERGLUE REMOVER**. After a residence time of approx. 5 minutes, the adhesive can be scraped off with a scraping tool or with a smooth fabric while making circular movements.

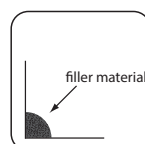
Test the material for compatibility before the application.

To remove adhesive from textiles, it is recommended to put an absorbent cloth behind the textiles and to repeat the cleaning procedure several times. Afterwards, the cleaned surfaces ought to be washed thoroughly with lukewarm water.

Product	Trading unit	Item no.	P.U.
REMOVER	20 ml bottle 1000 ml can	SGR.F20 SGR.D1000	30 1



To fill surface defects
(holes/cracks).



To structurally stiffen flexible
materials.



WIKO SUPERGLUE FILLER

• **WIKO SUPERGLUE FILLER** is used to fill and level out holes, cracks and gaps in connection with CA adhesives

Application:

Variant 1:

Fill the designated spot with **WIKO SUPERGLUE FILLER**. Apply the CA adhesive onto the surface of the filler and allow time for the adhesive to cure.

Variant 2:

Fill the designated spot with CA adhesive, apply **WIKO SUPERGLUE FILLER** immediately afterwards onto the CA adhesive and allow time for the adhesive to cure.

Product	Trading unit	Item no.	P.U.
FILLER	30 g bottle	SGF.F30	30

MS POLYMER - ADHESIVES AND SEALANTS

WIKO MS POLYMERS are adhesives and sealants that cure into an elastomer under the influence of moisture. The WIKO products cross-link at room temperature due to the migration of moisture. This can happen via air humidity or material moisture (e.g. residual moisture in wood) as well as by adding a dosed B-component. The adding of a B-component affects a reliable and accelerated cross-linking.

WIKO MS POLYMERS form due to their specific properties an outstanding group within the segment of elastic adhesives and sealants. This can be demonstrated by the following factors:

- Good adhesion spectrum on a variety of substrates
- excellent UV stability
- No health risk during application as the product contains no solvents or isocyanates
- Can be varnished with wet-on-wet method
- Compensation of thermal expansion and prevention of peak stress / material distortion
- Permanent resistance to torsional loads / deformation stresses, vibration and shock

Other factors that decisively influence cross-linking in addition to air humidity:

- Thickness of applied adhesive
- Ambient temperature and temperature of material
- Air humidity has to be supplied until the completion of cross-linking

If you require more detailed technical / safety information or instructions for application, we will supply you with the relevant data sheet.



MS POLYMER – BONDING AND SEALING

For universal application in industry and handcraft.



Certified quality!



- Elastic and moisture-curing adhesive and sealant for assembly and construction
- Weather and moisture resistant
- Free of isocyanates, solvents and silicones
- High temperature resistance
- Higher storage stability due to a waxed double cartridge

WIKO MS POLYMER products are universally applicable for industrial and manual production of vehicles, bodywork as well as for the marine sector vessels. The products are also applied in air conditioning and ventilation technology, electrical engineering, apparatus production, metal working, sheet metal forming as well as plastics engineering.

WIKO MS POLYMER products can be recoated with the wet-on-wet method. The odourless characteristic provides a comfortable application. Moreover, the low volume of shrinkage achieves optimal results during application.

white	290 ml
	600 ml
grey	290 ml
	600 ml
black	290 ml
	600 ml
transparent	290 ml
	600 ml

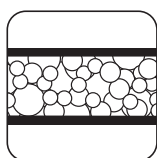
Product	Trading unit	Item no.	P.U.	Temperature resistance
MS POLYMER WHITE	290 ml cartridge 600 ml bag	MSPW.K290 MSPW.B600	12 20	–40 °C to +100 °C short-term up +180 °C
MS POLYMER GREY	290 ml cartridge 600 ml bag	MSPG.K290 MSPG.B600	12 20	–40 °C to +100 °C short-term up +180 °C
MS POLYMER BLACK	290 ml cartridge 600 ml bag	MSPS.K290 MSPS.B600	12 20	–40 °C to +100 °C short-term up +180 °C
MS POLYMER TRANSPARENT	290 ml cartridge 600 ml bag (on request)	MSPT.K290 MSPT.B600	12 20	–40 °C to +90 °C short-term up +120 °C



Vehicle and
bodywork
construction



Weatherproof



Low volume shrinkage



High temperature
resistance



An extensive selection
of accessories is listed on
pages 88 - 91.

Application areas:

- industrial and manual vehicle/body construction
- maritime, ventilating and air-conditioning systems
- electrical and apparatus engineering
- metal and sheet metal processing
- plastics technology
- crafts and assembly
- sealing of seams, overlaps, joints and cracks
- applicable on the interior and exterior
- elastic bonding of lasts, profiles, metal sheets etc.

EMICODE: Products which meet strict emission requirements are exclusively labelled as “very low in emissions” with the “EMICODE EC 1PLUS” certificate. Products that carry the label “EC1” commit their manufacturers to quality and control in order to adhere to the EMICODE-specifications at any time.

FABES: The product is used as a sealant for joints on the interior of food transportation vehicles (no liquids) and for floor jointing used by food processing companies. Thus, the cured sealant can come into contact with packaged foods which are transported or placed on the ground.

CE-Labeling: According to the European Construction Products Regulation (BauPVO), construction products that are covered by a harmonised standard need a CE-labelling. Joint sealant compounds with an application area within the scope of the EN 15651 norm are thus subjected to this labelling requirement as well. Therefore, the product has a declaration of performance for the intended purpose of the construction products according to the applicable harmonised technical specifications: joint sealant for facade elements on the interior or exterior.



Dispensing gun
for 310 ml / 400 ml cartridge
maual, made of metal



Dispensing gun
for 600 ml tubular bag
pneumatic, made of metal



Dispensing gun
for 290 ml / 310 ml cartridge
manual, made of metal

Item no.	P.U.
DPM310/400S	1

Item no.	P.U.
DPP600S	1

Item no.	P.U.
DPM290/310S	1

Shelf life	Skin formation time	Shore-hardness A	Tensile strength	Elongation at break
15 months 15 months	approx. 20 minutes	approx. 60	approx. 2,5 N/mm ²	approx. 500 %
15 months 15 months	approx. 20 minutes	approx. 60	approx. 2,5 N/mm ²	approx. 500 %
15 months 15 months	approx. 20 minutes	approx. 60	approx. 2,5 N/mm ²	approx. 500 %
12 months 12 months	approx. 10 minutes	approx. 40	approx. 3 N/mm ²	approx. 300 %

MS POLYMER – CONSTRUCTION

Certified adhesive and sealant with high stability.



- Elastic and moisture-curing industrial construction adhesive and sealant
- Weatherproof
- Free of isocyanates, solvents and silicones
- High stability and tensile strength
- Wide adhesion spectrum
- High temperature resistance

WIKO MS POLYMER products are universally applicable for industrial or manual production of vehicles, bodywork as well as for the marine sector vessels. The products are also applied in air conditioning and ventilation technology, electrical engineering, apparatus production, metal working, sheet metal forming as well as plastics engineering.

WIKO MS POLYMER CONSTRUCTION can be re-coated with the wet-on-wet method. The odourless characteristic provides for a comfortable application. Moreover, the low volume shrinkage as well as the low bubble formation ensure an optimal result during application.

white	290 ml
	600 ml

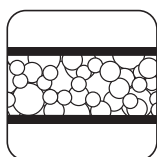
Product	Trading unit	Item no.	P.U.	Temperature resistance
CONSTRUCTION WHITE	290 ml cartridge	MSPKW.K290	12	-40 °C to +90 °C short-term to +180 °C
	600 ml bag (on request)	MSPKW.B600	20	



Vehicle and
bodywork
construction



Weatherproof



Low volume shrinkage



High temperature
resistance

Application areas:

- Industrial and manual production of vehicles and bodywork
- Marine, air conditioning and ventilation technology
- Electrical engineering and apparatus production
- Metal working and sheet metal forming
- Plastics engineering
- Environmental protection
- Handcraft and assembly
- Sealing of seams, overlaps, gaps and cracks
- Elastic bonding of battens, sight rails, sheet metals, etc.
- For indoor and outdoor applications
- For fast seals directly before varnishing



Dispensing gun
for 310 ml / 400 ml cartridge
manual, made of metal

Item no.	P.U.
DPM310/400S	1



Dispensing gun
for 290 ml / 310 ml cartridge
manual, made of metal

Item no.	P.U.
DPM290/310S	1



Dispensing gun
for 600 ml tubular bag
pneumatic, made of metal

Item no.	P.U.
DPP600S	1



An extensive selection
of accessories is listed on
pages 88-91.

Shelf life

9 months
12 months

Skin formation time

approx. 10 minutes

Shore-hardness A

approx. 55

Tensile strength

approx. 3,2 N/mm²

Elongation at break

approx. 400 %

MS POLYMER – 2C BOOSTER

Accelerated construction adhesive for indoors and outdoors.



- Accelerated, elastic and moisture-curing construction adhesive
- Free of isocyanates, solvents and silicones
- Quick and controlled curing
- UV resistant

WIKO MS POLYMER products are universally applicable for industrial and manual production of vehicles, bodywork as well as for the marine sector vessels. The products are also applied in air conditioning and ventilation technology, electrical engineering, apparatus production, metal working, sheet metal forming as well as plastics engineering.



black

2C-double cartridge

490 ml



white

2C-double cartridge

490 ml

WIKO MS POLYMER 2C BOOSTER products can be recoated with the wet-on-wet method and is UV resistant. The odourless characteristic provides a comfortable application. Moreover, the low volume of shrinkage achieves optimal results during application.

The b-component of the WIKO MS-POLYMER 2C BOOSTER mixes moisture into the MS-Polymer. This effect guarantees process reliability by fast and well-defined curing.

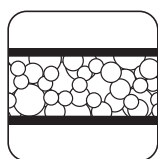
Product	Trading unit	Item no.	P.U.	Temperature resistance
2C BOOSTER BLACK	490 ml cartridge	MSPBS.K490	10	-30 °C to +100 °C short-term to +120 °C
2C BOOSTER WHITE (on request)	490 ml cartridge	MSPBW.K490	10	-30 °C to +100 °C short-term to +120 °C



Product contained in 2C cartridge



UV-resistant



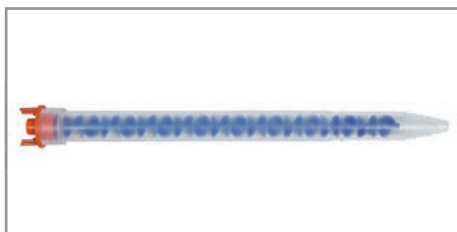
Low volume shrinkage



High temperature resistance

Application areas:

- Industrial and manual production of vehicles and bodywork
- Marine, air conditioning and ventilation technology
- Electrical engineering and apparatus production
- Metal working and sheet metal forming
- Plastics engineering
- Handcraft and assembly
- Sealing of seams, overlaps, gaps and cracks
- Elastic bonding of battens, sight rails, sheet metals, etc.
- For indoor and outdoor applications
- For fast seals directly before varnishing



Mixing nozzle, 10:1
for MS Polymer Booster, 490 ml

Item no.	P.U.
MXB490b	1



Dispensing gun for 490 ml cartridge
manual, made of plastic

Item no.	P.U.
DPM490P	1



Dispensing gun for 490 ml cartridge
pneumatic, made of plastic

Item no.	P.U.
DPP490P	1

If the application of increased material application rate is required, it is possible to obtain an uprated pneumatic dispensing gun on request.

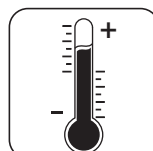


An extensive selection of accessories is listed on pages 88-91.

Shelf life	Skin formation time	Shore-hardness A	Tensile strength	Elongation at break
9 months	approx. 10 minutes	approx. 45	approx. 2 N/mm ²	approx. 450%
9 months	approx. 10 minutes	approx. 45	approx. 2 N/mm ²	approx. 450%

MS POLYMER – HIGH TACK

Permanently elastic adhesive and sealant with high initial adhesion.

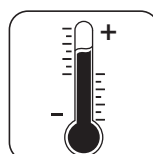
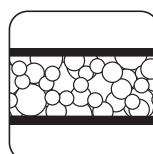


- High strength
- Free of isocyanates and silicones
- Weather, salt water and moisture resistant
- Reduces vibration and oscillation

Product	Trading unit	Item no.	P.U.	Temperature resistance
MS POLYMER HIGH TACK WHITE	290 ml cartridge 600 ml bag	MSPHT.K290 MSPHT.B600	12 20	-40 °C to +90 °C
MS POLYMER HIGH TACK BLACK	290 ml cartridge 600 ml bag	MSPHTS.K290 MSPHTS.B600	12 20	-40 °C to +90 °C

MS POLYMER – SPRAYABLE

Elastic adhesive and sealant for assembly and seam sealing.



- Free of isocyanates, solvents and silicones
- For indoor and outdoor applications
- Permanently elastic
- Thin-layer sealing

Product	Trading unit	Item no.	P.U.	Temperature resistance
MS POLYMER SPRAYABLE GREY	290 ml cartridge	MSPSG.K290	12	-40 °C to +80 °C short-term to +120 °C

MS POLYMER - ADHESIVES AND SEALANTS

WIKO MS POLYMER HIGH TACK is a high-quality 1-component, elastic, MS polymer-based adhesive with a high wet strength and instant adhesion strength.

The assembly and construction adhesive can be used to bond mirrors, natural stones, gypsum, PSPU, PVC, different synthetics, enamel, copper, lead, zinc, aluminium, stainless steel, different metals, HPL panels and cement fibre panels, colour systems, wood, glass etc.

The sealant features no odour development and a permanent elasticity. **WIKO MS POLYMER HIGH TACK** can be re-varnished with the wet-on-wet method.



Dispensing gun
for 290 ml / 310 ml cartridge
manual, aus Metall

Item no.	P.U.
DPM290/310S	1



Dispensing gun
for 600 ml bag
pneumatic, made of metal

Item no.	P.U.
DPP600S	1



Dispensing gun
for 310 ml / 400 ml cartridge
manual, made of metal

Item no.	P.U.
DPM310/400S	1



An extensive selection of accessories is listed on pages 88-91.

Shelf life	Skin formation time	Shore-hardness A	Tensile strength	Elongation at break
12 months	approx. 10 - 15 minutes	approx. 55	approx. 2,2 N/mm ²	approx. 335 %
12 months	approx. 10 - 15 minutes	approx. 55	approx. 2,2 N/mm ²	approx. 335 %

MS POLYMER - ADHESIVES AND SEALANTS

WIKO MS POLYMER SPRAYABLE is universally applicable for industrial or manual production of vehicles, bodywork as well as for the marine sector vessels.

The product is also applied in air conditioning and ventilation technology, electrical engineering, apparatus production, metal working, sheet metal forming as well as plastics engineering.

The elastic, moisture-curing adhesive and sealant features low volume shrinkage, no bubble formation and is odourless. The product can be recoated with the wet-on-wet method.



Dispensing gun
for 310 ml cartridge, spray application
pneumatic, made of metal

Item no.	P.U.
DPP310SS	1



An extensive selection of accessories is listed on pages 88-91.

Shelf life (for cartridge)	Skin formation time	Tack free	Shore-hardness A	Tensile strength	Elongation at break
15 months	approx. 25 minutes	approx. 4 hours	approx. 40	approx. 1,6 N/mm ²	approx. 270 %

APPLICATION SURVEY

For different materials.

MS POLYMER
BONDING AND SEALING

Material		Pre-treatment	
		Generally, a cleaning of the materials with plastic or metal cleaner is sufficient and further pre-treatment necessary. The pre-treatment advice is only a recommendation to improve the application and the process reliability.	
Metals	Aluminium	Adhesive cleaner universal	● ● ●
	Copper	Adhesive cleaner universal	● ●
	Brass	Adhesive cleaner universal	● ●
	Stainless	Adhesive cleaner universal	● ● ●
	Steel	Adhesive cleaner universal	● ● ●
	Cast iron	Adhesive cleaner universal	● ● ●
	Hot-dip galvanized parts	Adhesive cleaner universal	● ● ●
	Galvanized parts	Adhesive cleaner universal	● ● ●
Plastics	ABS	Primer for plastics and paint	● ● ●
	Polyethylene (PE)	Corona / plasma	● ●
	PMMA (Acryl)	Primer for plastics and paint	● ● ●
	Polyamides (PA 6, PA 6.6, Nylon®)	Primer for plastics and paint	● ● ●
	Polycarbonate (PC)	Primer for plastics and paint	● ● ●
	Other Polyester (PBT, PET)	Primer for plastics and paint	● ●
	Polystyrole (PS)	Primer for plastics and paint	● ● ●
	Polysulfone (PSU)	Primer for plastics and paint	● ●
	Polypropylen (PP)	Primer for PP	● ● ●
	PVC	Primer for plastics and paint	● ● ●
Paints	Water-based paints *	Primer for plastics and paint	● ● ●
	Powder paint systems *		● ● ●
	Synthetic resin paints *		● ● ●
Composites	Celluloses (CAB, CAP)	Primer for plastics and paint	● ● ●
	Carbon (CFRP)	Primer for plastics and paint	● ● ●
	Gel coat **		● ● ●
	Fibreglass (GFK)	Primer for plastics and paint	● ● ●
	Polyester resin (UP)	Primer for plastics and paint	● ● ●
	Polyurethane (PU)	Primer for plastics and paint	● ● ●
	PTFE (Teflon®)		—
	Epoxy	Primer for plastics and paint	● ● ●
	Silicons		—
Wood	Wood (hard and soft)	Remove dust	● ● ●
	Wood-based material	Remove dust	● ● ●
	Plywood	Remove dust	● ● ●
Miscellaneous	Glass	Primer for plastics and paint	● ● ●
	Ceramics	Adhesive cleaner universal	● ● ●
	Concret	Primer for plastics and paint	● ● ●
	Bricks	Primer for plastics and paint	● ● ●

● ● ● = excellently suited

● ● = well suited

— = not recommended

MS POLYMER
SPRAYABLE

^{**}The large variety of gel coats available makes individual tests necessary to determine the lowest possible pre-treatment.

ACCESSORIES FOR MS POLYMER

For professional and optimal results.



CLEANING AND PRE-TREATMENT

Always ensure that the substrates to be bonded are free of dust and grease. Glutec offers a number of cleaning agents tuned to the corresponding substrates.

Always ensure to apply the cleaning agents with a lint-free fabric or cloth onto the surface of the substrate.

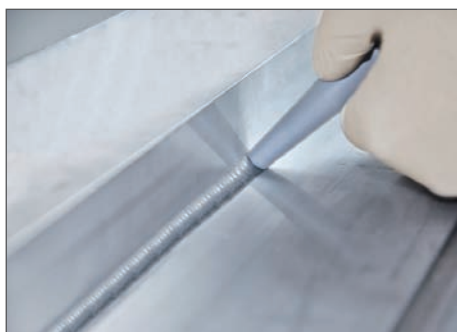
Pay attention to wipe only in one direction to remove impurities from the surface of the substrate otherwise the impurities will spread on the surface.

In case of demanding substrates with low surface energy and thus poor wetting properties or metals with a strong propensity to surface oxidation, the application ought to include a further pre-treatment step with an adhesive cleaner or primer.



1. PREPARATION

Clean the substrate with a suitable cleaning agent from the WIKO product range.



2. APPLICATION OF MS POLYMER

Apply the adhesive or sealant.



3. TOOLING

The adhesive joint is modelled using a tooling agent.

UNIVERSAL ADHESIVE CLEANER

- Improves the adhesion of sealants based on MS polymer
- Provides good adhesion of WIKO MS POLYMER products on metal, glass and plastics
- Quick drying time
- Product evaporates completely

WIKO MS POLYMER UNIVERSAL ADHESIVE CLEANER is a 1-component cleaner and primer for adhesion optimization of MS polymer products.

Application:

Strongly contaminated surfaces must be cleaned with WIKO BRAKE CLEANER or WIKO ASSEMBLY CLEANER prior to the application of universal adhesive cleaner.

Apply the UNIVERSAL ADHESIVE CLEANER with a brush or lint-free cloth onto the designated surface.

Please pay attention to apply the **UNIVERSAL ADHESIVE CLEANER** in such a way that you always wipe in one direction only.

This ensures that you do not spread possible impurities but instead remove them from the surface of the substrate.

Following the application, allow the product to evaporate for 10 minutes. Please consider that in your planning for the application. Please test the compatibility of sensitive materials before applying the product.

Product	Trading unit	Item no.	P.U.
UNIVERSAL ADHESIVE CLEANER	250 ml brush-in-cap can	MSPR.U.PD250	1
	1000 ml can	MSPR.U.D1000	1

PRIMER FOR PLASTICS AND PAINT

- Good adhesion on porous surfaces
- Free of isocyanates

Improves the adhesion of sealants based on MS polymer on various plastics as well as the adhesion of various coating systems.

Application:

Please test the compatibility of sensitive materials before applying the product.

The area to be treated must be clean, dry and free of dust and grease.

Apply the primer for plastics & paint with a brush or lint-free cloth evenly onto the adhesive surface so that it is completely wetted. Following the application, allow the product to evaporate for 15 minutes.

Product	Trading unit	Item no.	P.U.
PRIMER FOR PLASTICS AND PAINT	250 ml brush-in-cap can	MSPP.KL.PD250	1
	1000 ml can	MSPP.KL.D1000	1

POLYPROPYLENE (PP) PRIMER

- Improves the adhesion on diverse plastics, especially polypropylene (PP)

WIKO MS POLYMER - POLYPROPYLENE PRIMER is an adhesion promoter that is applied specifically to improve adhesion on plastics.

Application:

The area to be treated must be clean, dry and free of dust and grease.

Apply the **POLYPROPYLENE PRIMER** with a brush or lint-free cloth evenly onto the adhesive surface so that it is completely wetted. Following the application, allow the product to evaporate for 15 minutes. Please consider that in your planning for the application.

Please test the compatibility of sensitive materials before applying the product.

Product	Trading unit	Item no.	P.U.
POLYPROPYLENE PRIMER	250 ml brush-in-cap can	MSPP.PP.PD250	1
	1000 ml can	MSPP.PP.D1000	1

AEROSOL-PRODUCTS

An aerosol can is a pressurized can of metal for spraying low to medium viscosity fluids (hairspray, deodorant, shaving cream, paints, furniture polish, oil, aerosol cream). Propane, butane, dimethyl ether or mixtures thereof are used as propellant gases. In rare cases, carbon dioxide (CO₂), compressed air or nitrogen are used instead.

The specific mixing ratio regulates the so-called pressure gas level. This term designates internal gas pressure of the propellant. Commercial pressure gas le-

vels are at 1.4-2.4 bar (low pressure) and at 4-5 bar (high pressure). However, all other pressure gas levels from 1.4 to 8.0 bar are also possible.

The valve-spray head-system of the aerosol can is tuned to the ingredients. The mechanism enables the product to be atomized and applied. Depending on the application and the amount of propellant gas, the fluid after being discharged forms an aerosol, a foam or a spray jet.

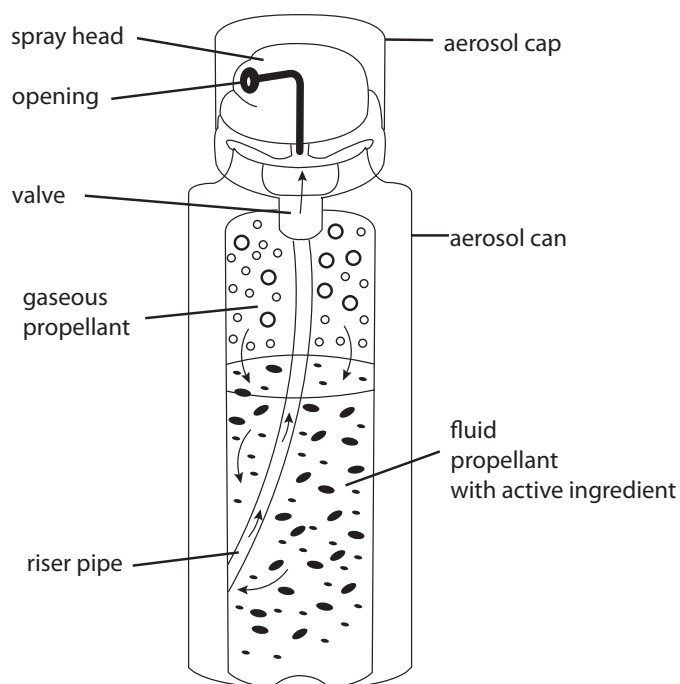
Generally, the pressure of aerosol cans is

higher and the aerosol is finer than that of alternative spray pumps. Compared to other atomizers, spray cans offer high spraying capacity paired with a small design.

Since the propellant gases and usually also the actual ingredients are flammable, they ought not be brought into contact with flames. In addition a spray can ought not be heated above 50 °C as it may burst otherwise.

TECHNICAL STRUCTURE OF AN AEROSOL CAN

In most cases, an aerosol consists of a metal can, a valve-spray head-system (spray head, valve, riser pipe), ingredients (active ingredient, propellant) and a protective cap



WIKO AEROSOL-GROUPS

CLEANING & MAINTENANCE

For the removal of impurities and subsequent maintenance.

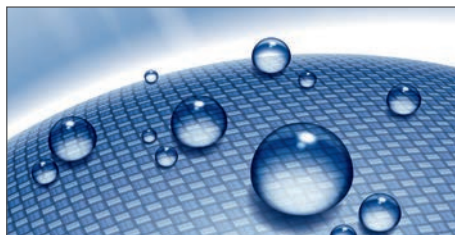
WIKO offers an extensive product range for the cleaning and maintenance of surfaces. The products are excellently suited for the removal of dirt and deposits as well as for the subsequent maintenance of the materials.



SURFACE PROTECTION AND PREPARATION

Based on mineral, organic and synthetic oils.

WIKO offers a complete product line of special lubricants and products for the preparation, protection and conservation of surfaces.



GREASING - OILING - LUBRICATING

For chains, joints, gear wheels, bolt connections and many more.

WIKO offers an extensive product range to reduce friction and abrasive wear as well as for load transmission, vibration dampening and sealing.



SPRAY PAINTS

For a smooth and nonporous surface coating.

The sprays from the product line **WIKO SPRAY PAINTS** create a perfectly smooth and nonporous surface coating on the sprayed metal.

The high degree of gloss provides a considerable optical upgrade. Simultaneously, the coating serves as protection against corrosion.



MAINTENANCE AND REPAIR

To increase the performance and operating life of machines.

The product line **WIKO MAINTENANCE & REPAIR** covers a broad application range to increase the performance and operating life of machines, installations and electrical equipment, e.g. used in mechanical engineering, electronics (vehicles, data processing equipment) and medical engineering.



SPRAY ADHESIVES

From modelling to handcraft up to vehicles.

WIKO SPRAY ADHESIVES are used for a permanent and fast bonding of plastics, foam material, cork, plastic films, metal, wood, paper and Styrofoam®.



CLEANING & MAINTENANCE

For the removal of impurities and subsequent maintenance.



- Fast, easy and thorough removal of labels
- Efficient removal of adhesive residues
- Non-corrosive

WIKO LABEL REMOVER is used to remove adhesive labels and adhesive residues quickly and effectively.

WIKO LABEL REMOVER also cleans and removes grease, oil, tar, resin and ballpen staining easily and quickly without residues.

Product	Trading unit	Item no.	P.U.
LABEL REMOVER	400 ml aerosol can	AETL.D400	12



- Completely residue-free
- Product leaves no film behind and is non-corrosive
- Extremely fast evaporation

WIKO Industrial Fast Cleaner is a high-performance cleaner based on hydrocarbon solvents, alcohols and ether solvents. The cleaning agent contains more than 90% active ingredients and is the perfect solution for most cleaning procedures in workshops, industry and businesses.

Product	Trading unit	Item no.	P.U.
INDUSTRIAL FAST CLEANER	400 ml aerosol can	AISR.D400	12



- Effective cleaning, degreasing and dissolving of old impurities
- Conservation of cleaned contacts
- Prevention of electricity loss and breakdowns

WIKO CONTACT CLEANER is used to clean and degrease old encrustations, which can lead to electricity loss and breakdowns.

The remaining active substances are based on mineral oil and provide a conserving effect that prevents an oxidation of the cleaned contacts.

Product	Trading unit	Item no.	P.U.
CONTACT CLEANER	400 ml aerosol can	AKTR.D400	12



- Residue-free removal of dirt
- Excellent, extremely fast and thorough cleaning
- Extremely fast evaporation

WIKO ASSEMBLY CLEANER is the perfect cleaner for industrial maintenance and assembly as well as for applications in the areas of handcraft and repair. The cleaner quickly and thoroughly removes even the most heavy staining.

Product	Trading unit	Item no.	P.U.
ASSEMBLY CLEANER	500 ml aerosol can	AMRE.D500	12



- Strong and sensitive foam cleaning agent
- Excellent and stainless removal of stains and persistent impurities
- Product dries without creating streaks

WIKO SUPER FOAM is a universally applicable, powerful cleaner that removes impurities and stains of all sorts on most diverse materials in a careful but in an efficient way. WIKO SUPER FOAM is an essential cleaner for cars, household, sports and hobby.

Product	Trading unit	Item no.	P.U.
SUPER FOAM	400 ml aerosol can	ASUS.D400	12



- Especially for metal surfaces
- Excellent, thorough and extremely fast cleaning
- Residue-free cleaning

WIKO METAL CLEANER is the ideal cleaner when it comes to repair, maintenance and assembly work. It is especially suited for metal surfaces and quickly and thoroughly removes even heavy staining as well as residues from oil, grease, resin, adhesives, coupling and break abrasion.

Product	Trading unit	Item no.	P.U.
METAL CLEANER	500 ml aerosol can	AMTR.D500	12
	1000 ml can	AMTR.D1000	1



- Especially for plastic surfaces
- Excellent, thoroughly and extremely fast cleaning
- For sensitive surfaces

WIKO PLASTIC CLEANER is the perfect cleaner for repair, maintenance and assembly. The product is especially suited for plastic surfaces. It quickly and thoroughly removes even heavy staining as well as residues from oil, grease, resin, adhesives, etc.

Product	Trading unit	Item no.	P.U.
PLASTIC CLEANER	500 ml aerosol can	AKSR.D500	12
	1000 ml can	AKSR.D1000	1



- Highly concentrated and strong universal cleaner
- Mild formulation and especially low consumption rate, because dilutable concentrate
- Outstanding suitability for highly sensitive surfaces

WIKO BIO CLEAN is a highly concentrated, neutral, non-corrosive universal cleaner that cleans especially careful and effective due to its tenside combination. The cleaner contains amongst others anionic and nonionic tensides, alkalis and water-soluble solvents. Therefore, the product is highly biodegradable.

Product	Trading unit	Item no.	P.U.
BIO-CLEAN	1000 ml bottle	ABIO.F1000	15



- Cleaning of drum brakes, disc brakes, brake pads as well as coupling parts
- Thorough cleaning of machine parts covered heavily with dirt and oil

WIKO BRAKE CLEANER is based on hydrocarbon solvents. WIKO BRAKE CLEANER is suited for cleaning even the most heavy dirt without difficulty and guarantees an easy application due to its fast evaporation. The product is noncorrosive and can be applied on rubber and plastic components.

Product	Trading unit	Item no.	P.U.
BRAKE CLEANER	600 ml aerosol can	ABRE.D600	12



- Highly efficient foam cleaner for displays and sensitive surfaces
- Provides a surface free of streaks
- Also suited for lenses, cameras, eyeglasses and many more

WIKO DISPLAY CLEANER is perfect to clean surfaces made of plastic, metal or glass. Due to its sensitive cleaning that is free of streaks, WIKO DISPLAY CLEANER removes dirt, dust and grease efficiently and provides a long-lasting brilliant image on plasma displays, LCDs, TVs and computer displays.

Product	Trading unit	Item no.	P.U.
DISPLAY CLEANER	400 ml aerosol can	ABSR.D400	12



- Perfectly cleans, maintains and seals all stainless steel surfaces and coated surfaces
- Creates a permanent protective coating
- Lasting protection against corrosion and oxidation

WIKO STAINLESS STEEL MAINTENANCE is used as a cleaning, maintenance and protection agent for all stainless steel surfaces (matt and polished) indoors or outdoors. The permanent protective coating prevents corrosion and has an anti-static, dust and dirt-repellent effect.

Product	Trading unit	Item no.	P.U.
STAINLESS STEEL MAINTENANCE	400 ml aerosol can	AESP.D400	12



- Powerful removal of seals, paint, lacquer and glued residues
- Easy and fast removal of oil, resin, grease, tar and residues of lubricants

WIKO GLUE AND SEAL REMOVER quickly and efficiently removes residues from adhesives, seals, packaging, paint and lacquer, even at vertical surfaces. The product eliminates the need for cleaning by mechanical means.

Product	Trading unit	Item no.	P.U.
GLUE AND SEAL REMOVER	400 ml aerosol can	ADEF.D400	12



- Dry and non-contact cleaning by means of compressed air
- Perfectly suited for sensitive surfaces
- Quick cleaning of inaccessible spots and corners

WIKO COMPRESSED AIR SPRAY flammable is used for cleaning by means of compressed air.

Product	Trading unit	Item no.	P.U.
COMPRESSED AIR SPRAY flammable	400 ml aerosol can	ADLB.D400	12

SURFACE PROTECTION AND PREPERATION

Based on mineral, organic and synthetic oils.



- Lasting conservation of metals and plastics
- For painted surfaces
- High penetrability and long-lasting protection against corrosion

WIKO ANTI RUST WAX is used to conserve metals like iron, steel, brass, tin, nickel, chrome, zinc and many more as well as plastics. After drying, the product transforms into a firmly adhering, tough-plastic, colourless and waterproof layer.

Product	Trading unit	Item no.	P.U.
ANTI RUST WAX	400 ml aerosol can	ARSW.D400	12



- Waterproof and breathable
- Lasting protection of the original paint of fabrics and leather

WIKO WATERPROOFING SPRAY is a universal waterproofing spray that makes most materials and surfaces impervious to water but maintains their breathability.

Product	Trading unit	Item no.	P.U.
WATERPROOFING SPRAY	400 ml aerosol can	AIMS.D400	12



- Excellent protection during the welding procedure
- Prevents the sticking of weld splatter
- Extends the service life of gas and contact nozzles

WIKO WELDING SPRAY is used to maintain welding nozzles as well as to protect the workpiece against weld splatter without interfering with the weld seam. The protective film prevents the sticking of weld splatter.

Weld beads remain loosely on the surface and can be easily wiped off.

Product	Trading unit	Item no.	P.U.
WELDING SPRAY	400 ml aerosol can	ASWS.D400	12

GREASING – OILING – LUBRICATING

For chains, joints, gear wheels, bolt connections and many more.



- Excellent protection against corrosion and seizing
- Perfect lubrication of heavily stressed antifriction surfaces
- Temperature range: -40°C to $+1.100^{\circ}\text{C}$

WIKO ANTI-SEIZE SPRAY is a high-performance lubricant that does not lose its lubrication properties even at very high temperatures. The product can also be used during the assembly of screw connections exposed to high temperatures to facilitate a later disassembly. The ingredient of the special paste is used to lubricate and facilitate the separation of materials. The product offers secure protection against corrosion, seizing and abrasive wear.

Product	Trading unit	Item no.	P.U.
ANTI-SEIZE SPRAY	400 ml aerosol can	AANS.D400	12



- Increases operating life of machining tools
- Low consumption rate

WIKO DRILL AND CUTTING OIL is a special high-performance lubrication oil without aggressive additives. The lubricant increases the operating life of machining tools multiple times and considerably reduces waste - even in case of hard or brittle materials.

Product	Trading unit	Item no.	P.U.
DRILL AND CUTTING OIL	400 ml aerosol can	ABUS.D400	12



- High capillary action and excellent adhesive strength
- Excellent long-term resistance to water
- Temperature resistance: -40°C to $+150^{\circ}\text{C}$ (short-term up to $+250^{\circ}\text{C}$)

WIKO GREASE SPRAY guarantees a long-term functional reliability of expensive installations by reducing downtimes and repairs. **WIKO GREASE SPRAY** is used to lubricate e.g. gear wheels, toothed racks, chains and steel cables, open gear mechanisms or driving rods.

Product	Trading unit	Item no.	P.U.
GREASE SPRAY	400 ml aerosol can	AFES.D400	12



- Easy and fast loosening of seized connections, as screws, nuts and bolts
- Reliable protection against corrosion
- Prevention of squeaking and creaking

WIKO Multifunctional Spray is a silicone-free, low viscosity oil for lubrication and maintenance of metal parts. The spray is mainly applied in the areas of car industry, machine building, metal-working shops, hobby and households.

Product	Trading unit	Item no.	P.U.
MULTIFUNCTIONAL SPRAY	400 ml aerosol can	AMFS.D400	12



- Reliable protection against oxidation and corrosion
- Waterproof and antistatic
- Temperature resistance: $-30\text{ }^{\circ}\text{C}$ to $+150\text{ }^{\circ}\text{C}$ (short-term up to $+180\text{ }^{\circ}\text{C}$)

WIKO SILICONE SPRAY is a perfect lubricant and release agent for production and maintenance. The greaseless spray is used for protection as well as maintenance and provides a long-lasting separation layer and a good surface property respectively. Excellent sliding effect on parts made of plastic, rubber and metal.

Product	Trading unit	Item no.	P.U.
SILICONE SPRAY	400 ml aerosol can	ASIS.D400	12



- Invisible lubrication film with high capillary action
- Effective prevention of corrosion and abrasive wear
- Temperature resistance: $-30\text{ }^{\circ}\text{C}$ to $+150\text{ }^{\circ}\text{C}$

The transparent WIKO ADHESIVE GREASE SPRAY consists of a mixture of polyisobutene and corrosion protection additives. The spray is perfectly suited as long-term lubrication of heavily stressed bearings, spindles and guidelines. Moreover, it is used to lubricate gear wheels, gearboxes or steel cables.

Product	Trading unit	Item no.	P.U.
ADHESIVE GREASE SPRAY	400 ml aerosol can	AHFS.D400	12



- Excellent lubricity and penetrability
- Free of resin, silicone and acid
- High pressure resistance and temperature range: $-30\text{ }^{\circ}\text{C}$ to $+260\text{ }^{\circ}\text{C}$

WIKO HIGH TEMPERATURE OIL is a synthetic lubrication oil. In addition to its excellent temperature resistance of up to $+260\text{ }^{\circ}\text{C}$, the product offers outstanding lubrication properties and a first-rate protection against wearing.

Product	Trading unit	Item no.	P.U.
HIGH TEMPERATURE OIL	400 ml aerosol can	AHTO.D400	12



- Lasting lubrication of chains, joints, couplings
- Long-term protection against corrosion
- Excellent penetrability

WIKO CHAIN SPRAY with MoS₂ is a transparent, synthetic adhesive lubricant for a long-lasting (internal and external) lubrication of all kinds of chains and wire cables exposed to high stress. The product is waterproof, suppresses moisture and has a conserving effect.

Temperature range: $-35\text{ }^{\circ}\text{C}$ to $+200\text{ }^{\circ}\text{C}$.

Product	Trading unit	Item no.	P.U.
CHAIN SPRAY with MoS ₂	400 ml aerosol can	AKTS.D400	12



- Temperature resistance: -190°C to $+260^{\circ}\text{C}$
- Reliable prevention of wearing
- Prevention of jamming, friction, squeaking and creaking

WIKO PTFE SPRAY is used in industrial sectors, workshops, plastics processing, paper industry and textile industry and can be almost universally applied. The product is a colourless lubricant and release agent for metal, rubber, plastics and other materials. WIKO PTFE SPRAY features an excellent penetrability and lubricity.

Product	Trading unit	Item no.	P.U.
PTFE SPRAY	400 ml aerosol can	APTF.D400	12



- Excellent lubrication for assembly and effective protection against corrosion
- Temperature resistance: -30°C to $+1.100^{\circ}\text{C}$
- Prevents galling, burning-in and seizing

WIKO COPPER SPRAY is used for a durable assembly lubrication of screw joints and plug connections that are exposed to high temperatures and corrosive influences during operation.

Product	Trading unit	Item no.	P.U.
COPPER SPRAY	400 ml aerosol can	AKUS.D400	12

SPRAY PAINTS

For a smooth and nonporous surface coating.



- Fast-drying, extremely abrasion-proof protection against corrosion
- Suited for all ferrous metals
- Creates surfaces with a high degree of gloss
- Temperature resistance: up to $+500^{\circ}\text{C}$

WIKO ALUMINIUM SPRAY creates a smooth, non-porous dry film. The resulting surface is brilliant and extremely abrasion-resistant. WIKO ALUMINIUM SPRAY provides a permanent corrosion protection that is highly resistant to heat, weathering, acids and alkalis.

Product	Trading unit	Item no.	P.U.
ALUMINIUM SPRAY	400 ml aerosol can	AALS.D400	12



- Perfect for repair of stainless steel parts
- High degree of gloss
- Extremely high adhesive strength and resistance to abrasion
- Temperature resistance: up to $+300^{\circ}\text{C}$

WIKO STAINLESS STEEL VARNISH is a corrosion protection that creates a brilliant and abrasion-proof surface in stainless steel colour. The spray paint efficiently repairs any type of stainless steel parts and provides an optical upgrade for problematic spots like welding points and cutting sites.

Product	Trading unit	Item no.	P.U.
STAINLESS STEEL VARNISH	400 ml aerosol can	AESL.D400	12



- Fast-drying protection against corrosion
- Efficient repair of damaged zinc coatings
- Temperature resistance: up to +200 °C (short-term up to +300 °C)

WIKO ZINC REPAIR SPRAY is a mixture of aluminium and zinc and offers heat-resistant corrosion protection for many basic metals. The spray creates an optical similarity with newly galvanized materials. The newly painted surface can be recoated without difficulty.

Product	Trading unit	Item no.	P.U.
ZINC REPAIR SPRAY	400 ml aerosol can	AZAS.D400	12



- Fast-drying protection against corrosion with excellent adhesive strength
- High degree of gloss due to high metal portion
- Temperature resistance: up to +250 °C (short-term up to +500 °C)

WIKO ZINC ALUMINIUM SPRAY is used to galvanize and repair damaged zinc coatings or to galvanize welding points and cutting sites. The spray provides corrosion protection and creates an optical adjustment with freshly zinc materials due to its colour similarity. The newly painted surface can be recoated without difficulty.

Product	Trading unit	Item no.	P.U.
ZINC ALUMINIUM SPRAY	400 ml aerosol can	AZIA.D400	12



- Excellent protection against corrosion for metallic surfaces
- High metal portion
- Excellently suited for all ferrous metals

WIKO ZINC SPRAY bright is an excellent corrosion protection for metallic surfaces. The product can be used for repair and to add new zinc coatings to old ones.

Product	Trading unit	Item no.	P.U.
ZINC SPRAY bright	400 ml aerosol can	AZIH.D400	12



- Fast-drying protection against corrosion for metallic surfaces
- Temperature resistance: up to +500 °C
- 99% zinc purity

WIKO ZINC SPRAY provides as a secure corrosion protection for drilled and welded spots or cutting sites as well as a priming coat for installations and machine parts that are permanently exposed to atmospheric conditions. The spray creates a fast-drying, smooth film free of pores.

Product	Trading unit	Item no.	P.U.
ZINC SPRAY	400 ml aerosol can	AZIN.D400	12

MAINTENANCE AND REPAIR

To increase the performance and operating life of machines.



- Extremely fast and effective cooling down of max. -45°C
- Mode of operation: cools down – freezes – shrinks

WIKO COOLING SPRAY is used for a fast and effective cooling down of max. -45°C . The cooling spray is perfectly suited for a fast and easy error search in case of thermal disruptions.

Product	Trading unit	Item no.	P.U.
COOLING SPRAY flammable	400 ml aerosol can	AKSP.D400	12



- Very fast loosening of rusted and seized up screw connections
- Free of silicone and grease
- Based on alcohol

WIKO RUST SHOCK is based on a twofold function. The special composition of the active substances causes a "cold shock" on the corroded work piece. This process creates smallest inter-spaces that can be penetrated by the spray due to its high capillary action. Subsequently, the product dissolves the rust crystals and removes the connection between the rust layers.

Product	Trading unit	Item no.	P.U.
RUST SHOCK	400 ml aerosol can	AROS.D400	12



- Effortless detection and easy control of leaky spots
- Temperature range: 0°C to $+50^{\circ}\text{C}$
- Non-flammable and noncorrosive

WIKO LEAK DETECTOR enables an effortless detection of leaky spots at pressurized screw connections, flanged joints, pipes and welds.

Product	Trading unit	Item no.	P.U.
LEAK DETECTOR	300 ml aerosol can	ALSU.D400	12



- Fast loosening of corroded or seized up connections
- Reliable protection against corrosion
- Excellent cleaning and maintenance effect

WIKO RUST DISSOLVER with MoS₂ is an essential tool for maintenance, repair and production. The product is based on mineral oils, isoparaffinic hydrocarbon and corrosion protection inhibitors. Moreover, WIKO RUST SHOCK is an approved lubricant and contacting agent.

Product	Trading unit	Item no.	P.U.
RUST DISSOLVER with MoS ₂	400 ml aerosol can	AROL.D400	12

SPRAY ADHESIVES

From modelling to handcraft up to vehicles.



- Transparent
- Extremely high initial adhesion
- Excellently suited for porous materials
- Suited for assembly and contact bonds

WIKO SPRAY ADHESIVE HOBBY is a high-quality adhesive based on synthetic caoutchouc. The product is suited for large-scale bonding as well as for smaller applications occurring in household and hobby.

Product	Trading unit	Item no.	P.U.
SPRAY ADHESIVE HOBBY	400 ml aerosol can	ASPH.D400	12



- Fast, strong and reliable initial adhesion
- Low odour and transparent
- Excellently suited for porous materials

WIKO SPRAY ADHESIVE BODYWORK is a low odour, transparent, high-performance contact adhesive with fast initial adhesion. The product also bonds materials that are difficult to adhere and creates permanent and inseparable connections.

Product	Trading unit	Item no.	P.U.
SPRAY ADHESIVE BODYWORK	400 ml aerosol can	ASPK.D400	12

HIGH TEMPERATURE SILICONE SEALANTS

The high-temperature silicones contained in the **WIKO** range are modified silicones that are especially tuned to long-term resistance against high temperatures. The WIKO products cross-link at room temperature by the migration of air humidity and by the inclusion of water molecules contained within the air humidity.

In general, the following cross-linking systems can be distinguished:

- Acidic cross-linking, e.g. acetate cross-linking systems
- Neutral cross-linking, e.g. oxime cross-linking systems
- Alkaline cross-linking, e.g. amine cross-linking systems

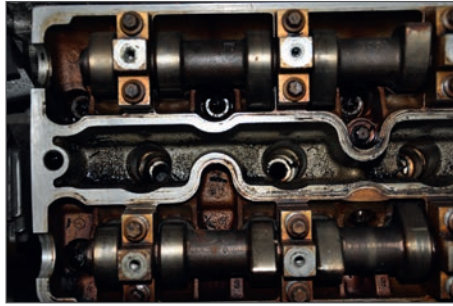
The WIKO range exclusively contains neutral cross-linking systems, which has the following advantages in contrast to other cross-linking systems:

- No by-products are created during cross-linking, which could have an corrosive effect on metal substrates or influence electronic components
- Above-average cross-linking speed, skin formation and reduced stickiness
- No pungent odours during application

Other factors that decisively influence cross-linking besides the availability of air humidity:

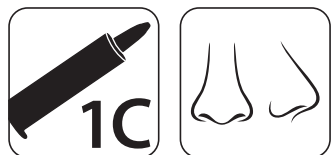
- Layer thickness of the applied material
- Temperature of the material and ambient temperature
- Adequate hydration until the completion of cross-linking

If you require more detailed technical / safety information or instructions for application, we will supply you with the relevant data sheet.



HIGH TEMPERATURE SILICONE SEALANTS

High temperature resistant, permanently elastic silicone sealants.

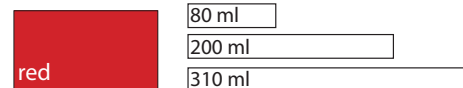
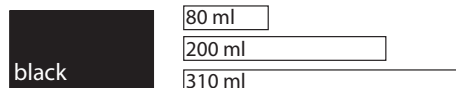
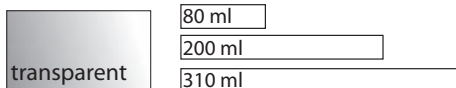
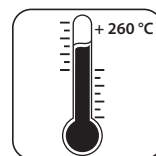
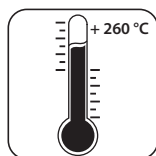
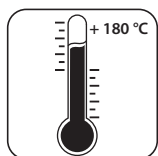


Product advantage of the 200ml pressure pack:

Ready-to-use compressed gas packaging enables a simple and precise application without any technical aids.

Product advantage of the 80ml cartridge:

Processing-plunger including a dosing tip inside attached to the cartridge.



Product	Colour	Trading unit	Item no.	P.U.	Skin formation time
HT SILICONE BLACK	black	80 ml cartridge	SIOS.K80	12	approx. 8 minutes*
		200 ml pressure pack	SIOS.K200	12	
		310 ml cartridge	SIOS.K310	20	
HT SILICONE RED	red	80 ml cartridge	SIOR.K80	12	approx. 8 minutes*
		200 ml pressure pack	SIOR.K200	12	
		310 ml cartridge	SIOR.K310	20	
HT SILICONE TRANSPARENT	transparent	80 ml cartridge	SIOT.K80	12	approx. 10 minutes*
		200 ml pressure pack	SIOT.K200	12	
		310 ml cartridge	SIOT.K310	20	

- Resistance to atmospheric exposures, UV light and ageing
- Above-average cross-linking speed, skin formation and reduced stickiness
- In compliance with most chemical resistance requirements of the automotive industry, e.g. engine oil, gearbox oil and antifreezing agents
- Product application will not result in negative impact on electrical / electronic components
- Product does not promote corrosion and is suitable for application on surfaces sensitive to acids due to its neutral cross-linking system.
- Compensation of stresses between the assembly parts, which occur due to changing thermal stress and different expansion coefficients
- Compensation of manufacturing tolerances at assembly parts
- It is possible to create a reversible connection by varying / minimizing the amount of applied product

The neutral cross-linking, one-component adhesive and sealant based on silicone is perfectly suited for professional applications in production, construction and maintenance. Special features of the product include high temperature resistance, resistance to impact and vibration as well as excellent gap-filling capability.

The neutral cross-linking system features only minimal pungent odours in contrast to similar adhesives and sealants. Moreover, the product guarantees a rapid functionality.

- The product is applied in the automotive industry, e.g. sealing/bonding of models, caravans, flanges, axles, water and oil pumps, front covers, oil pans, valve covers, sunroofs, lamp housings, body parts and doors.
- The product is applied in the industrial sector, e.g. sealing/bonding of worktops and in exterior applications during construction of ovens and chimneys.



An extensive accessory selection can be found on pages 88 - 91.



Dispensing gun
for 310 ml/400 ml cartridge
pneumatic, made of metal

Item no.	P.U.
DPM310/400	1



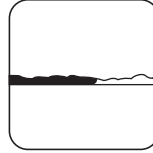
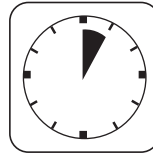
Dispensing gun
for 290 ml/310 ml cartridge
manual, made of metal

Item no.	P.U.
DPM290/310S	1

Curing rate	Tensile strength	Elongation at break	Shore-hardness A	Temperature resistance
approx. 2 - 3 mm / 24 h	approx. 3,3 N/mm ²	> 300 %	approx. 28	-65 °C to +260 °C short-term to +315 °C (cured sealant)
approx. 2 - 3 mm / 24 h	approx. 3,3 N/mm ²	> 300 %	approx. 28	-65 °C to +260 °C short-term to 315 °C (cured sealant)
approx. 2 - 3 mm / 24 h	approx. 1,5 N/mm ²	> 300 %	20 ± 5	-50 °C to +180 °C short-term to 240 °C (cured sealant)

1C ASSEMBLY ADHESIVE

Construction adhesive based on polyurethane.



- Excellent resistance to atmospheric conditions
- Extremely fast response time
- Outstanding gap bridging
- Stable adhesive and therefore very suitable for vertical application
- Adhesive can be grinded and painted
- Hand-tight after approx. 60 minutes
- Cure time: 24 - 48 hours
- Open time: 15 - 30 minutes
- Shear strength: 10 N/mm²

1C CONTACT ADHESIVE

Based on synthetic caoutchouc and epoxy resin.



- Flexible open time / wet life
- Free of phenol and toluol
- Temperature resistance: -40 °C to +110 °C
- Low bonding pressure is needed for joining
- Low compressing time necessary after flash-off

1C ADHESIVES AND SEALANTS

WIKO ASSEMBLY ADHESIVE is an one-component polyurethane construction adhesive and offers an extremely fast response time, excellent gap bridging and a high and permanent adhesive strength on most diverse materials. The product can not only be applied for viscoplastic adhesive joints but also to bond wood, metal, stone, concrete, plastics and insulating materials like PU foam, PS foam, Rockwool and glass wool.

WIKO ASSEMBLY ADHESIVE is free of solvents and can be grinded and painted. After curing, the adhesive is resistant to temperature within a range of -30 °C to +80 °C. Due to its high resistance to atmospheric conditions, the adhesive can be used for outdoor applications.



Dispensing gun
for 290ml/310ml cartridge
manual, made of metal

Product	Trading unit	Item no.	P.U.
ASSEMBLY ADHESIVE	310 ml cartridge	MONT.K310	12

Item No.	P.U.
DPM290/310S	1

1C ADHESIVES AND SEALANTS

WIKO CONTACT is a multi-purpose contact adhesive with flexible open time / wet life and features an excellent adhesion on a variety of materials.

Application areas:

- Product can be applied on coated plastics
- Reliable bonding of most diverse materials like cardboard, inlays, rubber edging strips, foam, wood and chipboard, cork, felt, rigid-PVC, leather, concrete and stone

Product	Trading unit	Item no.	P.U.
CONTACT	650 g can	KON.D800	1

2C ADHESIVES AND SEALANTS

METHYL METHACRYLATE ADHESIVES

The methyl methacrylate adhesives listed in the WIKO catalogue are 2-component reaction adhesives. The cross-linking is initiated by mixing the two components, the mixing ratio can be varied. The mixing can be performed manually or in a static mixing nozzle. One ought to keep in mind that the substrates have to be joined within the so-called pot life and a minimum gap of 1 mm has to be observed.

Since one of the two components to be mixed contains reactive radicals, this component is called curing agent, its counterpart is called resin and the cross-linking process is called radical chain polymerisation.

EPOXY RESIN ADHESIVES

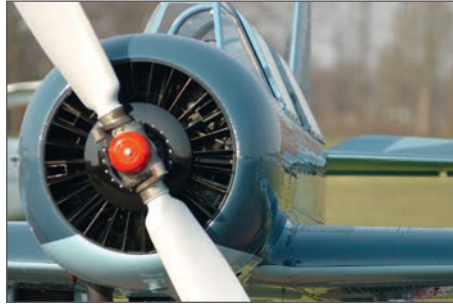
The epoxy resin adhesives listed in the WIKO catalogue are 2-component reaction adhesives. The cross-linking is initiated by a so-called polyaddition reaction. The following curing systems have to be distinguished:

- The so-called hot curing comes uses an acidic medium. The cross-linking takes place comparatively slowly, however, the reaction rate can be increased by the controlled addition of external heat
- The so-called cold curing takes place at room temperature. The application affects a clearly perceptible exothermic reaction

POLYURETHANE ADHESIVES

The polyurethane adhesives listed in the WIKO catalogue are 2-component reaction adhesives. The cross-linking is initiated by a polyaddition reaction of at least two different monomers. The reaction does not create by-products. In relation to the WIKO range, the reaction takes place between isocyanate and alcohols.

If you require more detailed technical / safety information or instructions for application, we will supply you with the relevant data sheet.

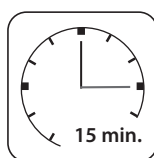
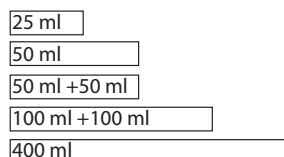
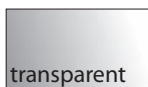


2C EPOXY RESIN ADHESIVES

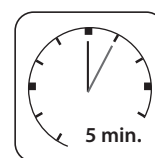
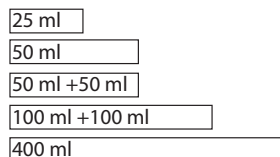
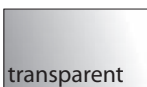
For high-strength bonds and repairs.



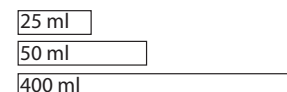
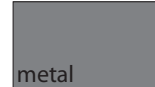
processing time



processing time



processing time



Product	Trading unit	Item no.	P.U.	Mixing ratio	Processing time / Skin formation
EPOXY TRANSPARENT 5	25 ml twin syringe	EPOT5.S25	10	1:1	approx. 5 minutes
	50 ml double cartridge	EPOT5.K50	10		
	400 ml double cartridge (on request)	EPOT5.K400	1		
EPOXY TRANSPARENT 5 resin and curing agent	set – 2 x 50 g bottle	EPOT5.Set50	1	1:1	approx. 5 minutes
	set – 2 x 100 g bottle	EPOT5.Set100	1		
EPOXY TRANSPARENT 30	25 ml twin syringe	EPOT30.S25	10	1:1	approx. 15 minutes
	50 ml double cartridge	EPOT30.K50	10		
	400 ml double cartridge	EPOT30.K400	1		
EPOXY TRANSPARENT 30 resin and curing agent	set – 2 x 50 g bottle	EPOT30.Set50	1	1:1	approx. 15 minutes
	set – 2 x 100 g bottle	EPOT30.Set100	1		
EPOXY METAL 5	25 ml twin syringe	EPOM.S25	10	1:1	4 - 6 minutes
	50 ml double cartridge	EPOM.K50	10		
	400 ml double cartridge	EPOM.K400	1		

- **Universal suitability to connect most diverse material combinations**
- **High tensile strength**
- **Product can be grinded and painted**
- **Rapid curing**

WIKO Epoxy Resin Adhesives are fast curing two-component systems that enable a wide application range in the areas of manufacture, assembly and repair. The product bonds different materials reliably, the connections are highly resistant to impact, peeling and shock, and feature high tensile strength.

WIKO EPOXY TRANSPARENT is suited for bonds that have high optical demands and is the perfect product for most diverse do-it-yourself applications.

WIKO EPOXY METAL is perfectly suited to bond and fill damaged component parts as well as to repair gaps due to its metallic colour.



Mixing nozzle 3D-Dynamix
for 25 ml and 50 ml, 1:1

Item no.	P.U.
MXD25/37/50s	1



Mixing nozzle Quadro
for 400 ml, 1:1

Item no.	P.U.
MXQ200/400	1



An extensive accessory selection can be found on pages 88 - 91.



Dispensing gun for 400 ml cartridge
manual, made of metal

Item no.	P.U.
DPM400P	1



Cap with child-proof lock for bottle sets

Item no.	P.U.
VKKISIW	1



Dispensing gun for 50 ml cartridge
manual, made of metal

Item no.	P.U.
DPM50P	1



Dispensing gun for 50 ml cartridge
manual, made of metal

Item no.	P.U.
DPM50S	1

Fixture time	Curing time	Viscosity	Tensile shear strength	Shore hardness D	Temperature resistance
approx. 10 - 15 minutes	2 - 3 hours	5.000 - 10.000 mPa·s mixed viscosity	20 N/mm ²	78 - 80	-40 °C to +120 °C
approx. 10 - 15 minutes	2 - 3 hours	5.000 - 10.000 mPa·s mixed viscosity	20 N/mm ²	78 - 80	-40 °C to +120 °C
25 - 35 minutes	4 - 6 hours	15.000 - 20.000 mPa·s mixed viscosity	18 - 24 N/mm ²	78 - 80	-40 °C to +120 °C
25 - 35 minutes	4 - 6 hours	15.000 - 20.000 mPa·s mixed viscosity	18 - 24 N/mm ²	78 - 80	-40 °C to +120 °C
10 - 12 minutes	2 - 3 hours	20.000 - 25.000 mPa·s mixed viscosity	14 - 18 N/mm ²	–	to +120 °C

EPOXY BLACK

Especially for fibre-reinforced plastics.



WIKO EPOXY BLACK was developed for bonding most diverse materials, e.g. metals, ABS, polycarbonate, PMMA, unplasticised PVC, GRP, CRP and other materials.

The main characteristics of the adhesive are its very high strength, which is maintained even at higher temperatures, and its good ageing characteristics . The product can be easily processed with a mixer.



- The processing time depends on the quantity, temperature, container:
approx. 60 min. for 50 g (20 °C / 50 %)
approx. 30 min. for 100 g (25 °C / 50 %)
- Curing time: 7 days (at 25 °C)
- Tensile shear strength: 26 - 32 N/mm² (20 °C / 50 % humidity)
- Temperature resistance: -75 °C to +60 °C
- Good resistance to ageing
- High-strength adhesive

- Optimum application temperature: +15 °C to +25 °C
- Optimum gap: 0.1 mm x 0.2 mm
- Max. gap: Product is suitable as a sealing compound
- Processing time: 5 - 6 hours (at 25 °C)
- Curing can be accelerated through increase of temperature
final strength after 7 days at 25 °C
final strength after 2 hours at 60 °C
final strength after 1 hour at 80 °C

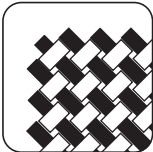
Trading unit	Item no.	P.U.
50 ml cartridge	EPOS.K50	10

The product is available on request.

An increase in temperature can affect the adhesive to drift or even run off in case of unfavourable process parameters (large gap size, diagonal or vertical fitting surfaces). Complex bonding processes can be achieved by adhering to a precuring of max. 24 hours.

It has to be checked in particular cases whether a precuring is required.

A uniform adhesive thickness can be obtained by inserting spacers (glass fibres or glass beads).



Spiral mixing nozzle, 1:1 and 2:1 for 25 ml and 50 ml

Item no.	P.U.
MXW25/50G	1



Dispensing gun for 50 ml cartridge manual, plastic, for 2:1

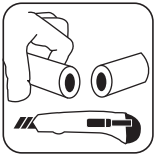
Item no.	P.U.
DPM50_2:1	1



An extensive selection of accessories is listed on pages 88-91.

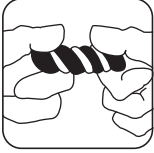
2C EPOXY REPAIR PUTTY

Manually kneadable putty based on epoxy material.



Application:
Wear protective gloves!

Cut off vertical an even piece in the desired amount from the material.



Knead the material for approx. 2 minutes



Subsequently, apply the product onto the surface designated for repair.



- **Fixing time: 8 – 12 minutes**
- **Temperature resistance: up to +120 °C**
(short-term up to +150 °C
Steel short-term up to +200 °C)
- **Kneadable and shapeable**
- **Universal suitability for most diverse materials**
- **Product cures also if applied under-water**

WIKO EPOXY STICKS are kneadable 2C epoxy resin adhesives that are easy to apply. The products offer multiple application possibilities during repair, maintenance, construction and assembly. **WIKO EPOXY STICKS** are not only suited for repair and sealing but also for fixing, connecting and bonding.

WIKO EPOXY STICKS feature an excellent resistance to oil, petrol, water and many other chemicals. **WIKO EPOXY STICKS** are perfectly suited for finishing methods like grinding, drilling and painting.

Application areas are the sealing and the repair of leakages, cracks, holes and incorrect drills at tanks, containers or cylindrical drums as well as repairs of broken edges and porous spots. Further possible applications with **WIKO EPOXY-STICKS** are modelling of replacements as well as fixing of hooks on walls.

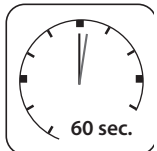
WIKO EPOXY STICK WOOD is especially suited for wood and wood-based materials, softwood, hardwood, chipboards, hardboards, MDF panels but also concrete and ceramics.

Universal	56 g	Alu	56 g
	114 g		114 g
Wood	56 g	Steel	56 g
	114 g		114 g

Product	Trading unit	Item no.	P.U.	Processing time	Tensile shear strength	Shore hardness D
EPOXY STICK Universal	56 g stick 114 g stick	ESTU.56 ESTU.114	24 12	3 - 4 minutes	5 - 10 N/mm ²	82
EPOXY STICK Wood	56 g stick 114 g stick	ESTH.56 ESTH.114	24 12	3 - 4 minutes	5 - 10 N/mm ²	80
EPOXY STICK Aluminium	56 g stick 114 g stick	ESTA.56 ESTA.114	24 12	3 - 4 minutes	5 - 10 N/mm ²	87
EPOXY STICK Steel	56 g stick 114 g stick	ESTS.56 ESTS.114	24 12	3 - 4 minutes	7 - 10 N/mm ²	84

2C-REPAIR ADHESIVES

2C polyurethane adhesive for demanding repairs and bonds.



processing time



processing time

black 90

25 ml

50 ml

black 300

25 ml

50 ml

Product	Trading unit	Item no.	P.U.	colour	Processing time
REPAIR 90	25 ml twin syringe 50 ml double cartridge	REP90.S25 REP90.K50	10 10	black	60 - 100 seconds
REPAIR 300	25 ml twin syringe 50 ml double cartridge	REP300.S25 REP300.K50	10 10	black	4 - 7 minutes

- Fast structural and cosmetic repair of most diverse plastics (e.g. bumpers) and other materials
- Perfectly suited for mechanical finishing (grinding, drilling, cutting) and painting
- Extremely resistant to atmospheric exposures and ageing

WIKO REPAIR is a 2C polyurethane adhesive that is especially suited for structural and cosmetic repairs of most diverse plastics as well as metal, wood, stone, concrete or glass.

The adhesive features extreme resistance to water, oil, gasoline, solvents as well as numerous acids and bases.

The bonds are resistant to impact, atmospheric exposures and ageing. **WIKO REPAIR** is primarily used during bodywork and automobile construction due to its black colour that enables optically demanding bonds in the interior and exterior. Moreover, the special formulation provides for a comfortable modelling of the material during its pot life.



Mixing nozzle 3D-Dynamix for 25 ml and 50 ml, 1:1

Item no.	P.U.
MXD25/37/50s	1



Mixing nozzle long (approx. 13 cm) for 25 ml and 50 ml, 1:1

Item no.	P.U.
MXL25/37/50	1



Fine dosing nozzle made of metal for MXL/25/37/50

Item no.	P.U.
20030G	1



Dispensing gun for 50 ml cartridge manual, made of plastic

Item no.	P.U.
DPM50P	1



Dispensing gun for 50 ml cartridge manual, made of metal

Item no.	P.U.
DPM50S	1



An extensive selection of accessories is listed on pages 88-91.

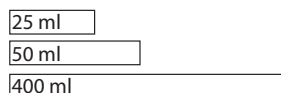
Fixture time	Viscosity	Tensile shear strength	Shore hardness D	Temperature resistance
approx. 3 - 5 minutes	resin: 30.000 mPa·s hardener: 30.000 mPa·s	6 - 28 N/mm ² (depending on material)	70	-40 °C to +120 °C
approx. 50 - 60 minutes	resin: 30.000 - 60.000 mPa·s hardener: 70.000 - 140.000 mPa·s	8 - 28 N/mm ² (depending on material)	65 - 70	-40 °C to +120 °C

2C METHACRYLATE ADHESIVES

For high-performance bonds of most diverse materials.



MULTI POWER 3



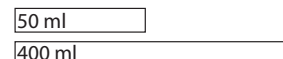
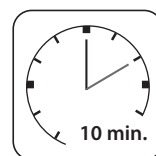
processing time

MULTI POWER 3 black



processing time

MULTI POWER 10



processing time

Product	Trading unit	Item no.	P.U.	Colour	Processing time
MULTI POWER 3	25 ml twin syringe	MP3.S25	10	whitely/beige	4 - 7 minutes
	50 ml double cartridge	MP3.K50	10		
	400 ml double cartridge	MP3.K400	1		
MULTI POWER 3 black	50 ml double cartridge	MPS.K50	10	black	4 - 7 minutes
MULTI POWER 10	50 ml double cartridge	MP10.K50	10	whitely/beige	10 - 20 minutes
	400 ml double cartridge	MP10.K400			

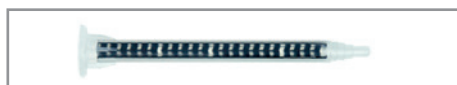
- No necessity for the priming and grinding of a large amount of surfaces
- High lap shear strength even on untreated surfaces
- Fast formation of mechanical properties allows a prompt processing of the composites
- Excellent resistance against environmental influences
- Simplified storage temperature conditions
- Appropriate colour compatibility with various substrates

MULTI POWER 3 MINUTES is a 2-component methacrylate-based adhesive with a mixing ratio of 1:1 intended for high-strength structural bonding.

Because of the broad adhesion spectrum, the product is suited for numerous of composites, synthetics and metals without the necessity of priming for surface pre-treatment.

Additionally, after full cure, the product features an excellent resistance against impact, peeling, pressure and fatigue, whereby even complex applications can be mastered.

On request, the MULTI POWER series is available in litre barrels for application with dispensing systems and in individual processing times.



Mixing nozzle 3D-Dynamix
for 25 ml and 50 ml, 1:1

Item no.	P.U.
MXD25/37/50s	1



Dispensing gun for 400 ml cartridge
manual, plastic

Item no.	P.U.
DPM400P	1



Dispensing gun for 50 ml cartridge
manual, plastic

Item no.	P.U.
DPM50P	1



Mixing nozzle Quadro
for 400 ml, 1:1

Item no.	P.U.
MXQ200/400	1

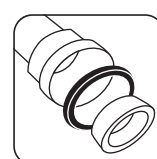
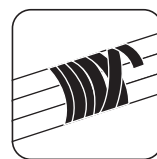
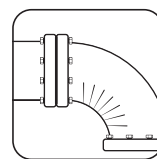


An extensive selection of accessories is listed on pages 88-91.

Fixing time	Viscosity	Tensile strength	Final strength	Tensile elongation	Temperature resistance	Gap-filling capability
approx. 18 - 22 minutes	comp. A: 50.000 - 70.000 mPa·s comp. B: 30.000 - 50.000 mPa·s	23 - 25 N/mm ²	24 hours	33 - 37 %	-40 °C to +100 °C	1 - 5 mm
approx. 18 - 22 minutes	comp. A: 50.000 - 70.000 mPa·s comp. B: 30.000 - 50.000 mPa·s	23 - 25 N/mm ²	24 hours	33 - 37 %	-40 °C to +100 °C	1 - 5 mm
approx. 30 - 45 minutes	comp. A: 50.000 - 70.000 mPa·s comp. B: 30.000 - 50.000 mPa·s	22 - 24 N/mm ²	24 hours	29 - 37 %	-40 °C to +100 °C	1 - 5 mm

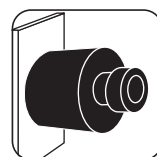
PIB TAPE

Self-fusing insulating tape.



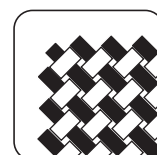
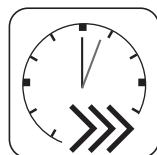
POWER ZIP

Double-sided adhesive tape.



CLOTH TAPE

Universal high-performance fibre tapes.



- Good physical and electrical properties and a high degree of stability
- Compatible with a wide range of substrates
- Melts quickly under tension without the need for external heat or pressure
- Excellent resistance to water and ozone

The black **WIKO PIB TAPE** is perfectly suited for insulation and repair in industry, electrical engineering, vehicle maintenance and construction, assembly as well as household and hobby.

WIKO PIB TAPE is a medium stress type based on polyisobutylene. The tape features excellent chemical and physical properties and resistance to electricity.

WIKO PIB TAPE is activated by elongation and subsequently melts into an airtight and waterproof mass. **WIKO PIB TAPE** insulates and protects the designated material against corrosion and moisture.

Trading units	Item no.	P.U.
5 metre	PIB.1905	96
10 metre	PIB.1910	48

- Assembly and construction tape
- For fixing of decorative battens and profiles as well as emblems and mirrors
- Tape is able to compensate for unevenness
- Excellent peel and shear strength
- Transparent

WIKO POWER ZIP is a transparent, double-sided adhesive tape made of acrylic foam. The product is resistant to atmospheric conditions and UV radiation. It is universally applicable in the areas of industry, handcraft and hobby.

WIKO Power Zip can be completely removed if desired. The fixing of decorative strips and profiles as well as emblems and rearview mirrors are no problem with **WIKO POWER ZIP**.

Trading unit	Item no.	P.U.
1,5 metre	PZIP.19150	20

- Extremely tear-resistant and water-resistant surface
- For bonding ,repairing and sealing
- For insulating, sealing, packing, marking
- Can be used indoors and outdoors

The universally applicable high-performance fibre tape is available in two colours: silver and olive. Regardless if used for production, maintenance or handcraft: **WIKO CLOTH TAPE** enables a fast, strong and permanent connection of most diverse materials and objects.

WIKO CLOTH TAPE is not only suited for bonding and repair but also excellently suited for sealing due to its extremely tearproof and waterproof surface.

Trading units	Item no.	P.U.
olive	PBO.5050	18
silver	PBS.5050	18

HAND WASHING PASTE

Effective hand cleaning for workshops and industry.

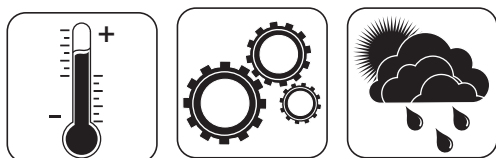


- Special hand cleaner for employees in workshops and industrial enterprises
- Forms when using an active cleaning foam

Trading unit	Item no.	P.U.
500 ml can	HWP.D500	12
3 l can	HWP.D3000	6

HIGH TEMPERATURE PASTES

For lasting and reliable protection.



WIKO PROTECT high temperature pastes offer a lasting and reliable protection against external influences, corrosion and seizing. The pastes are perfectly suited for applications that are exposed to high pressures. The products offer

lasting protection of sealings, flanges, screws, valve liners and bolts. The pastes are also used as lubricant for highly stressed antifriction surfaces of all kinds.

WIKO HAND WASHING PASTE is an effective, pleasant fresh scented hand cleaner which can be used in workshops, body shops and many other industries. If applied, the hand cleaner produces a mild, active cleaning foam that leaves a pleasant feeling on the skin.

Application:

WIKO HAND WASHING PASTE is designed specifically for the thorough removal of oil, grease, bitumen, ink and other stubborn stains that may occur in the industrial sector.

Wall bracket for WIKO HAND WASHING PASTE:

A wall bracket made of chrome-plated metal is available for the refillable 3 litre plastic pump bottle.

- Outer diameter approx. 163 mm
- Total height approx. 225 mm



Trading unit	Item no.	P.U.
Bracket	HWPH	1

WIKO PROTECT ANTI-SEIZE

Application areas:

- Screw and plug connections - especially those made of stainless steel
- Seals
- Flanges
- Guides
- Bolts

Characteristics:

- Universally applicable
- Reduces friction and wear
- Facilitates assembly and disassembly
- Free of lead and nickel
- Prevents burning and scaling

Application:

The surface to be machined ought to be free of dirt, dust and oil. Apply the product with a brush or a leather cloth thinly and evenly. Excess paste does not have to be removed.

WIKO PROTECT COPPER

Application areas:

- Screw and plug connections
- Seals
- Flanges
- Guides

Characteristics:

- Optimum protection against corrosion
- Reduces friction and wear
- Facilitates assembly and disassembly

Application:

The surface to be machined ought to be free of dirt, dust and oil. Apply the product with a brush or a leather cloth thinly and evenly. Excess paste does not have to be removed.

WIKO PROTECT CERAMICS

Application areas:

- Lubricating and assembly paste
- Paper and textile industry
- Automotive industry
- Mechanical engineering

Characteristics:

- Universally applicable
- Clean product application
- Prevents fretting corrosion
- Extremely adhesive
- Reduces friction and wear
- High temperature stability
- High temperature range

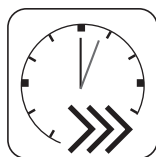
Application:

The surface to be machined ought to be free of dirt, dust and oil. Apply the product with a brush or a leather cloth thinly and evenly. Remove excess paste.

Product	Colour	Trading unit	Item no.	P.U.	Temperature resistance
PROTECT ANTI-SEIZE	silver-grey	500 g can 1000 g can	PAS.D500 PAS.D1000	1 1	-20 °C to +1.000 °C
PROTECT COPPER	copper	50 g concertina 500 g can 1000 g can	PKU.Z50 PKU.D500 PKU.D1000	10 1 1	-20 °C to +1.000 °C
PROTECT CERAMICS	white (contains no metallic pigments)	500 g can 1000 g can	PKE.D500 PKE.D1000	1 1	-20 °C to +1.400 °C
		200 g pressure pack	PKE.K200	12	-20 °C to +1.500 °C

UV-ADHESIVES

Acrylate adhesive, cures in UV light



WIKO UV ADHESIVE encompasses a product line of high-performance, one-component, modified acrylate adhesives that fully cure in UV light. The adhesives feature excellent optical characteristics as well as high adhesive strength on glass, metal and plastics. **WIKO UV** adhesives are perfectly suited for a bubble-free bonding of most diverse materials.

WIKO UV acrylate adhesives are industrial products that can be individually modified. We are always at your disposal to tune the **WIKO UV ADHESIVES** to your specific applications.

The curing parameters are dependent on the thickness and the absorbent capacity of the materials, the adhesive layer thickness and type of ultraviolet lamp as well as distance between UV lamp and adhesive.

Product	Trading unit	Item no.	P.U.	Colour
UV-ADHESIVE 100 (on request)	50 ml bottle 250 ml bottle 1000 ml bottle	UV100.F50 UV100.F250 UV100.F1000	10 1 1	clear
UV-ADHESIVE 800 (on request)	50 ml bottle 250 ml bottle 1000 ml bottle	UV800.F50 UV800.F250 UV800.F1000	10 1 1	clear
UV-ADHESIVE 3000 (on request)	50 ml bottle 250 ml bottle 1000 ml bottle	UV3000.F50 UV3000.F250 UV3000.F1000	10 1 1	clear

Acrylates or epoxies usually form the basis for **UV ADHESIVES**. In the liquid state of the adhesive, monomers and photoinitiators are juxtaposed without initiating a chemical reaction. In this context, a photoinitiator is a compound that generates a reactive substance in absorbing ultraviolet light. Therefore, the initiators are able to activate catalyze chemical reactions that affect the aggregate state of the original product. The reaction splits off free radicals that initiate the formation of monomer chains.

One distinguishes between two chemical systems:

- Anionic systems must be exposed to UV light during the entire curing process, i.e., one of the parts to be joined must be transparent
- Cationic systems only need UV light to initiate the cross-linking

Within these chemical systems a differentiation can be made according to the following criteria:

a) Depth of cure by UV radiation

Generally, depth of cure requires UV sources with wavelength between 300-400 nm.

b) Surface curing by UV radiation

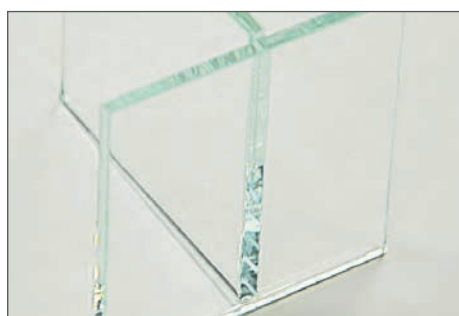
Surface curing is of great importance during casting or coating with UV systems. The application of unsuitable UV sources can result in a sticky or soapy surface.

The procedure requires an UV lamp with high intensity and a wavelength range below 300 nm.

c) Curing by other secondary systems

In general, UV curing systems are characterized by the following properties:

- High strength
- Very short, definable curing times („curing on demand“)
- Good media resistance
- Precise dosing



Please consider: The featured examples are only application possibilities related to specific product groups. We are glad to provide you with processing advice or the specific product data sheet if you require technical or safety-related information.

Viscosity	Tensile strength	Ultimate elongation	Temperature resistance
100 mPa·s	42 N/mm ²	7 %	–60 °C to +125 °C
800 mPa·s	39 N/mm ²	7 %	–60 °C to +150 °C
3.000 mPa·s	38 N/mm ²	8 %	–60 °C to +120 °C

DISPENSING GUNS

For an easy and clean application of cartridge systems.



Product	Item no.	P.U.
Dispensing gun manual, plastic for 50 ml cartridge, 1:1	DPM50P	1



Product	Item no.	P.U.
Dispensing gun manual, plastic for 37 ml cartridge, 10:1	DPM37P	1



Product	Item no.	P.U.
Dispensing gun manual, plastic for 37 ml, 10:1 and 50 ml cartridge, 1:1	DPM37/50P	1



Product	Item no.	P.U.
Dispensing gun manual, metal for 50 ml cartridge, 1:1	DPM50S	1



Product	Item no.	P.U.
Dispensing gun manual, plastic for 400 ml cartridge, 1:1	DPM400P	1



Product	Item no.	P.U.
Dispensing gun pneumatic, plastic, for 400 ml cartridge, 1:1	DPP400P	1



Product	Item no.	P.U.
Dispensing gun manual, plastic for 490 ml cartridge, 10:1	DPM490P	1



Product	Item no.	P.U.
Dispensing gun manual, plastic for 50 ml cartridge, 1:1 and 2:1	DPM50P_2M	1



Product	Item no.	P.U.
Dispensing gun pneumatic, plastic, for 490 ml cartridge, 10:1	DPP490P	1



Product	Item no.	P.U.
Dispensing gun manual, metal for 410 ml cartridge	DPM410S	1



Product	Item no.	P.U.
Dispensing gun manual, metal for 400 ml cartridge, 1:1 und 2:1	DPM400S	1



Product	Item no.	P.U.
Conversion set 10:1 from 400 ml to 490 ml	DPUM400/490	1



Product	Item no.	P.U.
Dispensing gun manual, metal for 290 ml and 310 ml 1K-cartridge	DPM290/310S	1



Product	Item no.	P.U.
Dispensing gun pneumatisch, metal for 600 ml tubular bag	DPP600S	1



Product	Item no.	P.U.
Dispensing gun manual, plastic for 250 ml cartridge, 10:1	DPM250P	1



Product	Item no.	P.U.
Dispensing gun manual, metal, for 310 ml cartridge and 400 ml tubular bag	DPM310/400S	1

Additional dispensing guns are available on request.

MIXING NOZZLES

For a perfect mixture of components and precise dispensing.



Product	Item no.	P.U.
Mixing nozzle, 3D-Dynamix for 25 ml, 37 ml and 50 ml		
3D-Dynamix transparent	MXD25/37/50t	10
3D-Dynamix black	MXD25/37/50s	10
3D-Dynamix red	MXD25/37/50r	10
3D-Dynamix green	MXD25/37/50gr	10
3D-Dynamix yellow	MXD25/37/50g	10
3D-Dynamix blue	MXD25/37/50b	10



Product	Item no.	P.U.
Mixing nozzle with widened outlet (chopped outlet) for 25 ml, 37 ml and 50 ml	MXDCO25/37/50t	10



Product	Item no.	P.U.
Mixing nozzle with narrow outlet for 25 ml, 37 ml und 50 ml	MXE25/37/50	10

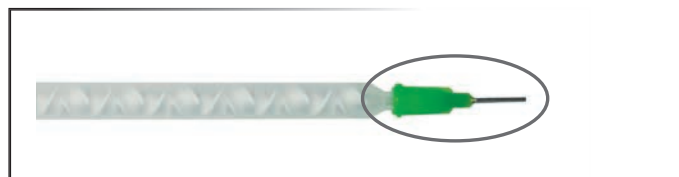


Product	Item no.	P.U.
Mixing nozzle, long, approx. 13 cm for 25 ml, 37 ml and 50 ml	MXL25/37/50	10

Product	Item no.	P.U.
Mixing nozzle, 3D-Dynamix Set with 10 units (PE-packaging) (Colour selectable, 1 colour per Set)	MXD.SET	1



Product	Item no.	P.U.
Mixing nozzle fine, bent nozzle for 25 ml, 37 ml and 50 ml	MXF25/37/50	10



Product	Item no.	P.U.
Fine dosing nozzle made of metal for MXL/25/37/50	20030G	1



Product	Item no.	P.U.
Mixing nozzle, 1:1 and 2:1 for 25 and 50 ml	MXW25/50G	10



Product	Item no.	P.U.
Mixing nozzle, 1:1 and 2:1 for 200 ml and 400 ml	MXQ200/400	10



Product	Item no.	P.U.
Mixing nozzle, 1:1 and 2:1 for 200 ml and 400 ml	MX200/400	10



Product	Item no.	P.U.
Mixing nozzle, shorter version, 1:1 and 2:1 for 200 ml and 400 ml	MXQ200/400_k	10



Product	Item no.	P.U.
Mixing nozzle, 4:1 and 10:1 for 250 ml and 490 ml	MX250/490	10



Product	Item no.	P.U.
Mixing nozzle, 4:1 and 10:1 for 250 ml and 490 ml	MXQ250/490	10



Product	Item no.	P.U.
Mixing nozzle, special 10:1 for 150 ml, 380 ml and 490 ml	MPSP17.QM	10

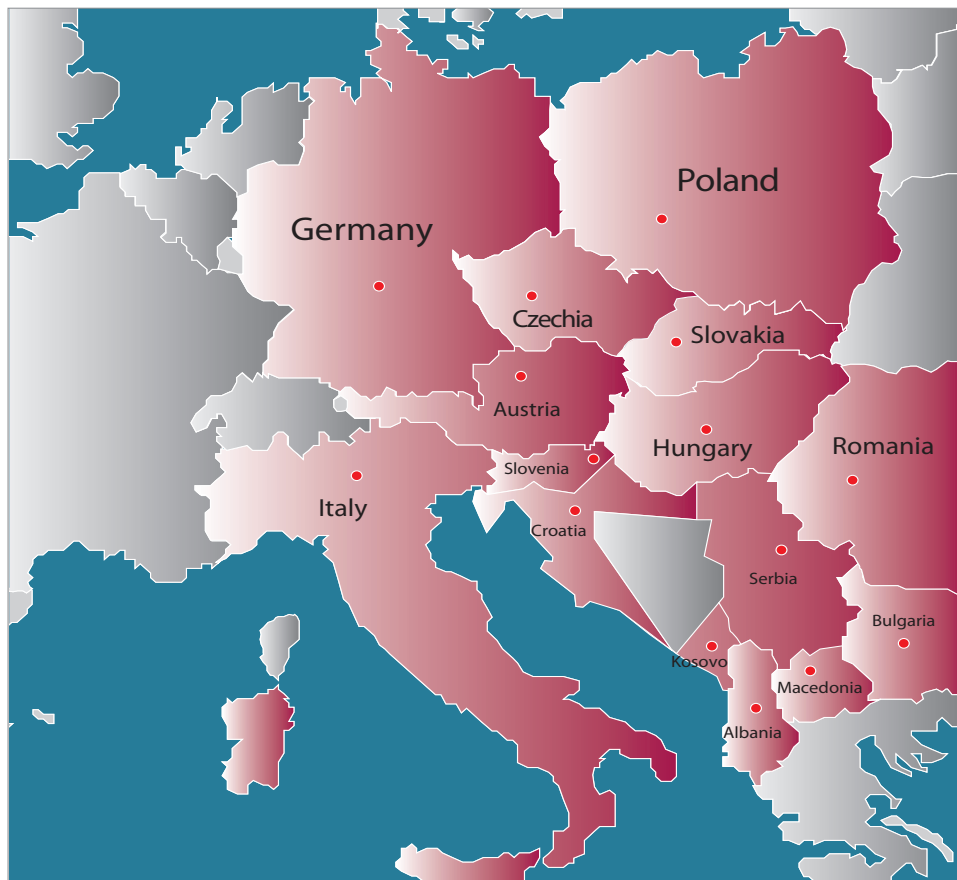


Product	Item no.	P.U.
Mixing nozzle, 10:1 for MS Polymer Booster, 490 ml	MXB490b	10



Product	Item no.	P.U.
Mixing nozzle, straight tip 2:1 for 265 ml	MXQ265GS	10

Gluetec has an European network of strong partners.
In addition Gluetec supplies its customers worldwide.



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www.seal-engineering.com.mk

I. Field of application

1. The following terms of sale apply to all contracts concluded between the buyer and the company Gluetec Industrieklebstoffe GmbH & Co. KG concerning the supply of goods. These conditions of sale shall furthermore apply to all future business relations, even if they are not expressly agreed upon once more in a renewed agreement. Deviating terms and conditions of the contractual partner of Gluetec Industrieklebstoffe GmbH & Co. KG exert no effect if they are not approved by Gluetec Industrieklebstoffe GmbH & Co. KG. The following sales conditions are effective, even if Gluetec Industrieklebstoffe GmbH & Co. KG is aware of conflicting or differing terms and conditions of the buyer and a buyer's order is executed without reservation.

1.2. The sales contracts, concluded between Gluetec Industrieklebstoffe GmbH & Co. KG and the customer on the occasion of the contract conclusion, include the basic agreements between the buyer and Gluetec Industrieklebstoffe GmbH & Co. KG, additional contract conditions - not included in the sales contracts - are replaced by the present terms and conditions.

II. Minimum order value

2.1. The minimum order value per order to deliver to Germany and foreign countries is € 50 (net value). Purchase orders with low purchase order value can also be executed. For those small orders under the minimum order value we invoice an minimum-order surcharge of € 15 per order.

III. Offer and conclusion of contract

3.1. An order of the buyer that qualifies as an offer for the conclusion of a sales contract can be regarded as accepted by Gluetec Industrieklebstoffe GmbH & Co. KG within two weeks by transmitting an order confirmation or by sending the ordered products within the same period of time.

Gluetec Industrieklebstoffe GmbH & Co. is also entitled to a right of refusal without giving any reasons in respect to an offer to buy compiled for Gluetec Industrieklebstoffe GmbH & Co. KG. Gluetec Industrieklebstoffe GmbH & Co. is not required to explicitly reject an offer, however, cannot be held liable if an offer by the buyer is not answered and no delivery or dispatch of the products is effected.

3.2. The offers of Gluetec Industrieklebstoffe GmbH & Co. KG are subject to change and without obligation, unless the offers have expressly been declared as binding.

IV. Conditions of payment

4.1. The prices of Gluetec Industrieklebstoffe GmbH & Co. KG are ex works inclusive of packaging unless nothing else has been agreed upon contractually. The value added tax is not included in these prices, the prices indicate the net cost. The value added tax is separately shown in the customer invoice in its statutory amount on the day of invoicing.

4.2. A deduction of discount is only valid in case of a specific written agreement between Gluetec Industrieklebstoffe GmbH & Co. KG and the buyer. The purchase price is due for payment immediately without any deduction (net price) starting with receipt of the invoice by the purchaser, insofar as the order confirmation offers no different payment target or no different payment target has been agreed upon.

A payment shall be deemed as completed when the value dated purchase price has been transferred to an account of Gluetec Industrieklebstoffe GmbH & Co. KG. In the case of payment by check, a payment shall only be deemed as completed if the check was actually cashed.

4.3. If the buyer is in default of payment, the statutory provisions apply, and Gluetec Industrieklebstoffe GmbH & Co. KG shall charge interests for delay at the rate of 8 % (percentage points) above the respectively applicable base interest rate.

4.4. In case notifications of defects or counterclaims are made, the purchaser is only entitled to an offset if these counterclaims have been established as final and absolute or have been acknowledged by Gluetec Industrieklebstoffe GmbH & Co. KG

4.4. The buyer shall only be entitled to set off against the purchase price (whether from notice of defects or other counterclaims) if these counterclaims have been legally established, or have been approved by Gluetec Industrieklebstoffe GmbH & Co. KG. Otherwise, the buyer is not entitled to set off against the purchase price. The buyer is not entitled to exercise a right of lien.

V. Period of delivery and time of performance

5.1. Delivery dates or periods of delivery that have not been expressly agreed upon as obligatory are solely information without obligation by Gluetec Industrieklebstoffe GmbH & Co. KG. The delivery date stated by Gluetec Industrieklebstoffe GmbH & Co. KG begins not until all technical questions have been clarified with the customer. Likewise, the buyer has to fulfil all his obligations in an orderly and timely manner.

5.2. Gluetec Industrieklebstoffe GmbH & Co. KG is entitled to extend the agreed delivery deadlines unilaterally with a prior corresponding notice to the buyer.

A liability of Gluetec Industrieklebstoffe GmbH & Co. KG against the buyer in the event of a delay in delivery is limited to 15 % of the (defaulting) delivery value.

5.3. Gluetec Industrieklebstoffe GmbH & Co. KG is entitled to partial deliveries and partial performances of each issued order, and the buyer is obligated contrariwise to accept partial deliveries and partial performances at all times.

5.4. In the event of default of acceptance by the buyer, Gluetec Industrieklebstoffe GmbH & Co. KG is entitled to claim compensation for resulting damages and possible additional expenses from the buyer. The same is in effect if the purchaser culpably violates obligations to co-operate.

In the event of default of acceptance or culpable delay, the danger of accidental deterioration and accidental sinking is transferred to the buyer.

VI. Passing of risk – Shipping/Packaging

6.1. Loading of goods and shipping take place uninsured at buyer's risk. Gluetec Industrieklebstoffe GmbH & Co. KG will conclude appropriate shipping insurances if the buyer expressly requires this. The additional costs in this regard are at the expense of the buyer and will be - separately listed - charged on the buyer by Gluetec Industrieklebstoffe GmbH & Co. KG.

6.2. Transport packaging or other packaging (with the exception of euro-pallets) will not be taken back by Gluetec Industrieklebstoffe GmbH & Co. KG. The buyer has to take care of the disposal of the packaging at his own expense.

6.3. In the event that the shipping is delayed by request or by fault of the buyer, Gluetec Industrieklebstoffe GmbH & Co. KG will store the goods, ordered and ready for delivery, at the risk and expense of the purchaser. In this case, the announcement of readiness for delivery is equal to shipping and from that date Gluetec Industrieklebstoffe GmbH & Co. KG is entitled to invoice the ordered goods.

VII. Warranty/liability

7.1. The buyer is obligated to inspect and examine all received goods according to § 377 HGB (German commercial code) and to immediately complain to Gluetec Industrieklebstoffe GmbH & Co. KG about possible defects or defects claimed by the buyer.

Belated objections of or failure to inspect / assess the transferred goods lead to loss of warranty claims of the buyer against Gluetec Industrieklebstoffe GmbH & Co. KG.

7.2. In the case that Gluetec Industrieklebstoffe GmbH & Co. KG actually recognises a defect in the delivered goods, Gluetec Industrieklebstoffe GmbH & Co. KG is entitled (with the exclusion of the right of the buyer to withdraw from the contract or to claim a reduction in purchase price) to carry out an appropriate improvement (in the form of a new delivery of goods).

7.3. In the case that Gluetec Industrieklebstoffe GmbH & Co. KG asserts that the defect claimed by the buyer is non-existent, Gluetec Industrieklebstoffe GmbH & Co. KG is under no obligation to provide supplementary performance.

In the case of „supplementary performance“ (i.e. exchange of defective goods), the buyer has to grant Gluetec Industrieklebstoffe GmbH & Co. KG an adequate deadline for this supplementary performance that corresponds in its length of time to the originally agreed time for delivery.

The supplementary performance can be carried at the choice of Gluetec Industrieklebstoffe GmbH & Co. KG by eliminating the defect (rectification) or by the delivery of new goods.

Gluetec Industrieklebstoffe GmbH & Co. KG will bear the expenses necessary for the supplementary performance, in so far as these will not increase due to the subject matter the contract being at a different place than the place of delivery.

Only after failed supplementary performance, the buyer is entitled to either rescind the contract or to demand a reduction in price.

7.4. Warranty claims of the purchaser (provided a timely notice of defect has been made) become time-barred six months after delivery of the goods to the buyer.

7.5. If customers of the buyer claim a defect, the buyer is obliged to inform Gluetec Industrieklebstoffe GmbH & Co. KG immediately on these defect claims, moreover, the buyer is obliged to return reference material to Gluetec Industrieklebstoffe GmbH & Co. KG for the performance of laboratory tests.

Obligations arising from defects liability or indemnity claims are not acknowledged by Gluetec Industrieklebstoffe GmbH & Co. KG and shall be deemed as excluded, as far as the defects arise from advertising messages not authorised by Gluetec Industrieklebstoffe GmbH & Co. KG or other contractual agreements between the buyer and his customers.

7.6. Nor is Gluetec Industrieklebstoffe GmbH & Co. KG liable to the buyer for special guarantees given on part of the buyer to further consumers.

Nor is Gluetec Industrieklebstoffe GmbH & Co. KG liable, if the buyer himself was not obliged by the legal regulations to exercise the warranty rights with respect to further customer or final consumers or did not carry out this claim against a demand made to him.

Nor is Gluetec Industrieklebstoffe GmbH & Co. KG liable for obligations, which extend the legal standards and have been given by the buyer to further consumers / his customers.

7.7. Indemnity claims of the buyer due to a defect become time-barred one year after transfer of the goods to the buyer.

VIII. Reservation of proprietary rights

8.1. Until all claims have been settled, including all claims on current account balances that Gluetec Industrieklebstoffe GmbH & Co. KG is entitled to against the buyer now at present or in the future, the delivered goods remain the property of Gluetec Industrieklebstoffe GmbH & Co. KG

In case that the purchaser acts against the contractual regulations (e.g. delay of payment), Gluetec Industrieklebstoffe GmbH & Co. KG has the right to claim back the goods subject to retention after previously setting an appropriate deadline. If the goods subject to retention are actually reclaimed, then this constitutes a withdrawal from the contract. The same applies in the event that Gluetec Industrieklebstoffe GmbH & Co. KG seizes the goods subject to retention.

Similarly, Gluetec Industrieklebstoffe GmbH & Co. KG is entitled to commercialize goods subject to retention after the return, and Gluetec Industrieklebstoffe GmbH & Co. KG is entitled to deduct, i.e. to offset, the amount realized from these proceeds (less the selling costs) from the amount originally owed by the buyer.

8.2. The purchaser has to handle the goods subject to retention with care and sufficiently insure the goods at replacement value at his own expense against damages caused by fire, water and theft. Necessary maintenance and inspection works have to be carried out adequately by the purchaser in time and at his own expense.

8.3. The buyer is entitled to process and/or sell reserved goods in orderly business activities as long as the buyer is not overdue on payment. Garnishments or chattel mortgages of the goods subject to retention is not permitted. The buyer is obliged to assign proceeds arising from the resale or any other legal basis relating to the goods subject to retention (including all demands relating to current account balances) to Gluetec Industrieklebstoffe GmbH & Co. KG in their full amount for the purpose of security. In this regard, a separate cession / subrogation agreement has to be acknowledged between Gluetec Industrieklebstoffe GmbH & Co. KG and the buyer.

8.4. Processing or re-building of the goods subject to retention leads in the case of processing with materials, which are not the property of Gluetec Industrieklebstoffe GmbH & Co. KG, to a proportionate joint ownership of the „new object“ proportional to the value of the goods subject to retention.

8.5. In case of access of third parties to the goods subject to retention, especially in case of garnishments, the purchaser has to refer to the property of Gluetec Industrieklebstoffe GmbH & Co. KG and immediately notify Gluetec Industrieklebstoffe GmbH & Co. KG, to enable Gluetec Industrieklebstoffe GmbH & Co. KG to enforce its rights of ownership. If the third party should not be able to refund. The buyer has to bear expenses and costs concerning this matter.

IX. Place of fulfilment/Place of venue/Applicable law

9.1. The place of jurisdiction for each contract concluded with Gluetec Industrieklebstoffe GmbH & Co. KG is Würzburg.

9.2. The exclusively applicable law agreed upon between buyer and Gluetec Industrieklebstoffe GmbH & Co. KG is the German law (with the exception of the UN purchasing law whose application is excluded).

9.3. Place of fulfilment: All payments (as well as check payments / cash payments / bank transfers) must be made to the disclosed accounts of Gluetec Industrieklebstoffe GmbH & Co. KG or, in case of cash payment, must take place directly at the place of business of Gluetec Industrieklebstoffe GmbH & Co. KG.



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