



ANAEROBIC PRODUCTS · CA ADHESIVES · MS POLYMER ADHESIVES & SEALANTS
AEROSOL PRODUCTS · 1C ADHESIVES & SEALANTS · 2C ADHESIVES & SEALANTS
TAPES · PASTES · UV ADHESIVES · ACCESSORIES



GLUETEC

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KEEPING THE BEST PRACTICE! – SHAPING THE FUTURE!
Clear-cut brand worlds – and many product innovations !

Brand worlds

WIKO Klebtechnik e.K. and GLUETEC Industrieklebstoffe GmbH u. Co. KG have become known for their unique range of services and product line and have developed into a reliable partner for many national and international companies from most diverse sectors of trade and industry over the last years. In order to further increase the friendliness towards customer with regard to the future, the group of companies was restructured and repositioned with the beginning of 2012. The company **GLUETEC Industrieklebstoffe GmbH u. Co. KG** is the structural umbrella of the group and represents the product brands **WIKO**, **HYLOMAR**, **WELDYX** and **GLUETECplus**.

The product brand WIKO – Proven products and innovations in a new look!

According to basic principle that one should “facelift” the presentation of one’s products in regular intervals and create new modern design, we have redesigned the **appearance and brand identity of our WIKO products**. With the help of a logically structured colour scheme, the product groups present themselves clearly structured and facilitate an intuitive orientation across the portfolio.

A further improvement is the fact that the information on the product labels is now bilingually printed (German and English). And all this in a **technical modern and fresh design!**

WIKO – a lot has changed!

We have developed an entirely new bottle for our **anaerobic adhesives**. The bottle, besides its high quality and appealing design, primarily facilitates an easy handling and a clearly more precise application and dispensing respectively due to its newly developed quick fastener. This system is also applied for our **CA adhesives** whereby these products obtain a further convincing unique selling point, besides their high quality and diversity.

An essential key aspect of our product line revision is the extensive reorganization of our selection of **MS polymers**. The product line will be complemented in its width as well as in its depth. An example is the development of two-component MS polymers. This modern technology employs an additional component to reduce the curing time of the product many times over. Further significant improvements are the waxed thick-walled cartridges that considerably increase the shelf life of the products. Furthermore, the improved product quality sets new standards due to its extreme resistance to temperature. The product line is completed by cleaning agents and primers specifically designed for the products in order to ensure a professional application with optimal results.

With our product line, we are able to offer a solution for almost any application. Beyond our product line, **GLUETECplus** enables us to service specific requests of our customers with individual solutions!

GLUETECplus – WIKO plus even more!

With the brand **GLUETECplus** we are able to handle individual demands and wishes of our customers in a competent and professional manner by offering our customers numerous services for the product, design and involved processes. All from a single source – from the custom-designed product development to individual bottles, labels, dosages and packaging, even process-oriented concepts for application and marketing - **GLUETECplus** is the synonym for flexibility and individuality.

Please request additional information material or catalogues of our product brands **WIKO**, **HYLOMAR**, **WELDYX** and **GLUETECplus** without obligation or visit our company via the internet: www.starke-verbindingen.de or www.gluetec.de



STARKE VERBINDUNGEN

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The whole product line at one glance

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The symbol „Accessories“ indicates the corresponding accessories with the specific item number to the product displayed on the page.

THREADLOCKERS low-strength to medium-strength

For easily removable screw connections



Product	Strength	Trading unit	Item no.	Pack.	Colour	Viscosity*
02K22	low-strength	50 ml bottle 250 ml Bottle	02K22.F50 02K22.F250	10 1	purpur (fluorescent)	800 - 1,600 mPas
02K41	medium-strength	50 ml bottle 250 ml bottle	02K41.F50 02K41.F250	10 1	blue (fluorescent)	100 - 250 mPas
02K42	medium-strength	50 ml bottle 250 ml bottle	02K42.F50 02K42.F250	10 1	blue (fluorescent)	5,000 - 9,000 mPas 1,500 - 3,000 mPas
02K43	medium-strength	10 ml bottle 50 ml bottle 250 ml bottle	02K43.F10 02K43.F50 02K43.F250	30 10 1	blue (fluorescent)	2,000 - 4,000 mPas
02K45	medium-strength	50 ml bottle 250 ml bottle	02K45.F50 02K45.F250	10 1	blue (fluorescent)	6,500 - 8,500 mPas 2,800 - 4,500 mPas
02K74	medium-strength	250 ml bottle	02K74.F250	1	blue (fluorescent)	100 - 150 mPas

Advantages:

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



NEW

TWIST-CAP for precise dispensing.

low-strength



50 ml

250 ml

medium-strength



10 ml

50 ml

250 ml

WIKO THREADLOCKERS low-strength to medium-strength reliably secure any screw and thread connection against unwanted shifting due to impact or vibration. The screw connections secured with **WIKO THREADLOCKERS** low-strength to medium-strength can be removed without tools.

WIKO THREADLOCKERS additionally feature a sealing effect due to the complete filling of the interspaces in the threads. Anaerobic adhesives cure under exclusion of oxygen.

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

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

Max. thread diameter	Breakaway torque (M10)	Hand-tight after	Final strength after	Temperature resistance
M 36	10 - 18 Nm	15 - 30 minutes	5 - 10 hours	-55 °C to +150 °C
M 12	~ 15 Nm	10 - 20 minutes	5 - 10 hours	- 55 °C to + 150 °C
M 36	~ 21 Nm	5 - 15 minutes	1 - 3 hours	- 55 °C to + 150 °C
M 36	18 - 25 Nm	10 - 15 minutes	3 - 6 hours	- 50 °C to + 150 °C
M 36	14 - 22 Nm	2 - 4 minutes	1 - 3 hours	- 55 °C to + 150 °C
M 12	~ 15 Nm	10 - 20 minutes	5 - 10 hours	- 55 °C to + 150 °C

*25°C Brookfield RVT spindle 2/20 rpm

THREADLOCKERS high-strength and heat resistant

For heavily stressed screw connections



Product	Strength	Trading unit	Item no.	Pack.	Colour	Viscosity *
02K62	high-strength	50 ml bottle	02K62.F50	10	red (fluorescent)	1,000 - 1,500 mPas
		250 ml bottle	02K62.F250	1		
02K70	high-strength	10 ml bottle	02K70.F10	30	green (fluorescent)	400 - 700 mPas
		50 ml bottle	02K70.F50	10		
		250 ml bottle	02K70.F250	1		
02K71	high-strength	50 ml bottle	02K71.F50	10	red	500 - 900 mPas
		250 ml bottle	02K71.F250	1		
02K72	high-strength and heat resistant	50 ml bottle	02K72.F50	10	red	8,000 - 12,000 mPas
		250 ml bottle	02K72.F250	1		
02K75	high-strength and heat resistant	50 ml bottle	02K75.F50	10	red	8,000 - 12,000 mPas
		250 ml bottle	02K75.F250	1		
02K77	high-strength	50 ml bottle	02K77.F50	10	red (fluorescent)	6,000 - 7,000 mPas
		250 ml bottle	02K77.F250	1		
02K90	with capillary action	50 ml bottle	02K90.F50	10	green (fluorescent)	40 - 55 mPas
		250 ml bottle	02K90.F250	1		
02K701	high-strength	50 ml bottle	02K701.F50	10	green (fluorescent)	500 - 900 mPas
		250 ml bottle	02K701.F250	1		

Advantages:

- 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



NEW

TWIST-CAP for precise dispensing.

high-strength



10 ml

50 ml

250 ml

high-strength &
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 or to some extent are impossible to remove.

WIKO THREADLOCKERS additionally feature a sealing effect due to the complete filling of the interspaces in the threads. Anaerobic adhesives cure under exclusion of oxygen.

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

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

Max. thread diameter	Breakaway torque (M10)	Fixture time	Full cure time	Temperature resistance
M 36	28 - 35 Nm	9 - 13 minutes	3 - 6 hours	- 50 °C to + 150 °C
M 20	35 - 40 Nm	8 - 12 minutes	3 - 6 hours	- 50 °C to + 150 °C
M 20	> 30 Nm	5 - 15 minutes	10 hours	- 55 °C to + 150 °C
M 36	> 23 Nm	1 - 3 hours	12 - 24 hours	- 55 °C to + 200 °C
M 36	> 23 Nm	1 - 3 hours	12 - 24 hours	- 55 °C to + 200 °C
M 36	> 25 Nm	40 - 60 minutes	12 - 24 hours	- 55 °C to + 150 °C
M 5	> 18 Nm	10 - 20 minutes	3 - 6 hours	- 55 °C to + 150 °C
M 25	> 25 Nm	5 - 15 minutes	5 - 10 hours	- 55 °C to + 150 °C

*25°C Brookfield RVT spindle 2/20 rpm

PROTECTIVE LACQUER FOR SCREWS

To protect against external intervention



PIPE AND HYDRAULIC SEALANT

Immediate sealing effect at low pressure

ANAEROBIC ADHESIVES



Product	Strength	Trading unit	Item no.	Pack.	Colour	Viscosity *
05K11	low-strength with Teflon	50 ml concertina 250 ml tube	05K11.Z50 05K11.T250	10 1	white	40,000 - 60,000 mPas 15,000 - 20,000 mPas
05K72	low-strength with Teflon	50 ml concertina 250 ml tube	05K72.Z50 05K72.T250	10 1	white	40,000 - 60,000 mPas 15,000 - 20,000 mPas
05K76	low-strength with Teflon	50 ml concertina	05K76.Z50	10	blue	40,000 - 60,000 mPas 15,000 - 20,000 mPas
05K77	medium-strength with Teflon	50 ml concertina 250 ml tube	05K77.Z50 05K77.T250	10 1	ochre (fluorescent)	20,000 - 40,000 mPas
06K20R	high-strength	50 ml bottle 250 ml bottle	06K20R.F50 06K20R.F250	10 1	green	10,000 - 16,000 mPas
05K42 Hydraulic sealant	medium-strength	50 ml bottle 250 ml bottle	05K42.F50 05K42.F250	10 1	brown (fluorescent)	600 - 800 mPas

WIKO PROTECTIVE LACQUER FOR SCREWS is used for securing and marking and can be removed. It also serves as protection against external intervention.

WIKO PROTECTIVE LACQUER FOR SCREWS has a temperature resistance of -40 °C to +80 °C. The evaporating time is (dependent on the layer thickness) > 10 seconds at 20 °C.

Product	Trading units	Item no.	Pack.
SSL red	50 ml tube	SSL.T50R	10
SSL green	50 ml tube	SSL.T50GR	10

Advantages:

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

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.

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



low-strength



50 ml

250 ml

medium-strength



50 ml

250 ml

high-strength



50 ml

250 ml

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

Max. thread diameter	Breakaway torque (M10)	Fixture time	Full cure time	Temperature resistance
M80 (R3")	5 - 10 Nm	15 - 30 minutes	~ 12 hours	- 55 °C to +200 °C
M80 (R3")	5 - 10 Nm	15 - 30 minutes	~ 12 hours	- 55 °C to +200 °C
M80 (R3")	5 - 10 Nm	15 - 30 minutes	~ 12 hours	- 55 °C to +200 °C
M80 (R3")	18 - 25 Nm	9 - 14 minutes	3 - 6 hours	- 50 °C to + 150 °C
M 56 (R2")	> 30 Nm	30 - 40 minutes	12 - 24 hours	- 55 °C to +200 °C
R 3/4"	18 - 24 Nm	10 - 13 minutes	3 - 6 hours	-50 °C to +150 °C

*25°C Brookfield RVT spindle 2/20 rpm

RETAINING COMPOUNDS

100% contact between the metal surfaces



Product	Strength	Trading unit	Item no.	Pack.	Colour	Viscosity *
06K01	high-strength	50 ml bottle 250 ml bottle	06K01.F50 06K01.F250	10 1	green	100 - 200 mPas
06K03	high-strength	50 ml bottle 250 ml bottle	06K03.F50 06K03.F250	10 1	green	101 - 200 mPas
06K20F	high-strength & heat resist.	50 ml bottle 250 ml bottle	06K20F.F50 06K20F.F250	10 1	green (fluorescent)	10,000 - 16,000 mPas
06K38	high-strength	50 ml bottle 250 ml bottle	06K38.F50 06K38.F250	10 1	green (fluorescent)	1,500 - 2,500 mPas
06K40	high-strength & heat resist.	50 ml bottle 250 ml bottle	06K40.F50 06K40.F250	10 1	green (fluorescent)	300 - 700 mPas
06K41	medium-str.	50 ml bottle 250 ml bottle	06K41.F50 06K41.F250	10 1	yellow	500 - 650 mPas
06K48	high-strength & heat resist.	10 ml bottle 50 ml bottle 250 ml bottle	06K48.F10 06K48.F50 06K48.F250	30 10 1	green (fluorescent)	500 - 900 mPas
06K60	high-strength	50 ml concertina	06K60.Z50	10	metallic-grey	1,225,000 cps

Advantages:

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



NEW

TWIST-CAP for precise dispensing.

medium-strength



50 ml

250 ml

high-strength



50 ml

250 ml

high-strength & 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 the surfaces to be joined whereby contact corrosion, frictional corrosion and fitting tolerances are efficiently and permanently prevented.

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

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

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

Max. thread diameter	Max. gap-filling	Breakaway torque (M10)	Fixture time	Full cure time	Temperature resistance
M 12	0.05 - 0.15 mm	> 25 Nm	5 - 10 minutes	3 - 6 hours	- 55 °C to + 150 °C
M 12	0.05 - 0.15 mm	> 25 Nm	5 - 10 minutes	3 - 6 hours	- 55 °C to + 150 °C
M 36	0.05 - 0.15 mm	> 25 Nm	30 - 40 minutes	12 - 24 hours	- 55 °C to +200 °C
M36	0.05 - 0.30 mm	30 - 40 Nm	8 - 12 minutes	3 - 6 hours	- 50 °C to + 150 °C
M 20	0.05 - 0.10 mm	> 20 Nm	1 - 2 hours	20 - 24 hours	- 55 °C to + 175 °C
M 12	0.05 - 0.15 mm	10 - 20 Nm	5 - 10 minutes	3 - 6 hours	- 55 °C to + 150 °C
M 20	0.05 - 0.25 mm	35 - 45 Nm	10 - 13 minutes	3 - 6 hours	- 50 °C to + 150 °C
all threads	0.07 - 0.25 mm	> 20 Nm	10 minutes	24 hours	- 55 °C to + 150 °C

*25°C Brookfield RVT spindle 2/20 rpm

FLANGE SEALANTS

Permanent prevention of leaks



Product	Strength	Trading unit	Item no.	Pack.	Colour	Viscosity *
05K10	high-strength & heat resistant	50 ml concertina	05K10.Z50	10	red (fluorescent)	30,000 - 600,000 mPas
		250 ml tube	05K10.T250	1		60,000 - 100,000 mPas
		310 ml cartridge	05K10.K310	12		
05K18	high-strength	50 ml concertina	05K18.Z50	10	red	1,500,000 - 2,300,000 mPas
		250 ml tube	05K18.T250	1		160,000 - 360,000 mPas
		310 ml cartridge	05K18.K310	12		
05K73	low-strength	50 ml concertina	05K73.Z50	10	green (fluorescent)	55,000 - 80,000 mPas
		250 ml tube	05K73.T250	1		15,000 - 25,000 mPas
05K74	medium-strength	50 ml concertina	05K74.Z50	10	orange (fluorescent)	100,000 - 180,000 mPas
		250 ml tube	05K74.T250	1		27,000 - 40,000 mPas

ANAEROBIC ACCESSORIES

Activator to increase cure speed

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

Advantages:

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

WIKO FLANGE SEALANTS fill scratches or surface roughness reliably and therefore provide for a lasting prevention of leaks and also protect against vibration. Already immediately after the assembly, the sealings are resistant to low pressure.

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



NEW

TWIST-CAP for precise dispensing.

low-strength



50 ml

250 ml

medium strength



50 ml

250 ml

high-strength



50 ml

250 ml

310 ml

high-strength & heat resistant



50 ml

250 ml

310 ml

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

Max. gap-filling	Breakaway torque (M10)	Fixture time	Full cure time	Temperature resistance
0.40 mm	> 15 Nm	10 - 15 minutes	6 - 12 hours	- 55 °C to +200 °C
0.50 mm	> 8 Nm	10 - 15 minutes	< 72 hours	- 55 °C to + 150 °C
0.10 mm	6 - 10 Nm	15 - 30 minutes	6 - 24 hours	- 55 °C to + 150 °C
0.50 mm	> 8 Nm	10 - 20 minutes	6 - 24 hours	- 55 °C to + 150 °C

*25°C Brookfield RVT spindle 2/20 rpm

- Special suitability for anaerobic products
- Supports a faster curing at inactive materials

Product	Trading units	Item no.	Pack.
ACTIVATOR	200ml aerosol can	ANAK.D200	12

UNIVERSAL

Multiple application possibilities from A to Z

CYANOACRYLATE ADHESIVES



Product	Trading units	Item no.	Pack.	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 mPas	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	< 5 seconds	20 - 30 mPas	15 - 25 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	< 5 seconds	40 - 60 mPas	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	70 - 90 mPas	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	< 5 seconds	250 - 350 mPas	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 - 1200 mPas	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 mPas	15 - 25 N/mm ²
	50 g bottle	SG2000.F50	20			
	500 g bottle	SG2000.F500	1			

Advantages:

- Fast curing within seconds
- Clean, almost invisible bonds
- Can be universally applied for most diverse materials



Low viscosity	20 g	50 g	500 g
Med. viscosity	20 g	50 g	500 g
High viscosity	20 g	50 g	500 g

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.

WIKO SUPER GLUE UNIVERSAL products not only bond plastics, rubber, metal and paper but also porous and absorbent materials like cork and wood.

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 +85 °C	● ●	● ●	● ●	● ● ●
-40 °C to +85 °C	● ●	● ●	● ●	● ● ●

HIGH-PERFORMANCE


High initial strength for individual application possibilities



Product	Trading units	Item no.	Pack.	Cure speed (on EPDM rubber)	Viscosity	Tensile shear strength (on steel)
SUPER GLUE 5	20 g bottle	SG5.F20	30	1 - 3 seconds	2 - 6 mPas	15 - 25 N/mm ²
	50 g bottle	SG5.F50	20			
	500 g bottle	SG5.F500	1			
SUPER GLUE 25	20 g bottle	SG25.F20	30	2 - 4 seconds	20 - 30 mPas	> 15 N/mm ²
	50 g bottle	SG25.F50	20			
	500 g bottle	SG25.F500	1			
SUPER GLUE 100	20 g bottle	SG100.F20	30	1 - 3 seconds	90 - 130 mPas	15 - 25 N/mm ²
	50 g bottle	SG100.F50	20			
	500 g bottle	SG100.F500	1			
SUPER GLUE 300	20 g bottle	SG300.F20	30	2 - 4 seconds	250 - 350 mPas	> 15 N/mm ²
	50 g bottle	SG300.F50	20			
	500 g bottle	SG300.F500	1			
SUPER GLUE 1000	20 g bottle	SG1000.F20	30	< 7 seconds	800 - 1.200 mPas	15 - 25 N/mm ²
	50 g bottle	SG1000.F50	20			
	500 g bottle	SG1000.F500	1			
SUPER GLUE FX 6000	20 g bottle	SGFX6000.F20	30	< 10 seconds	5,000 - 7,000 mPas (thixotropic)	15 - 25 N/mm ²
	50 g bottle	SGFX6000.F50	20			
	500 g bottle	SGFX6000.F500	1			
SUPER GLUE 500 Black	20 g bottle	SGB500.F20	30	15 seconds	450 - 650 mPas	> 15 N/mm ²
	50 g bottle	SGB500.F50	20			
	500 g bottle	SGB500.F500	1			

Advantages:

- Highly resistant to moisture
- Provides stability on paper and cardboard - no soaking
- Clean, almost invisible bonds
- For special applications with most diverse materials



NEW

TWIST-CAP for precise dispensing.

Low viscosity	<div>20 g</div> <div>50 g</div> <div>500 g</div>
Med. viscosity	<div>20 g</div> <div>50 g</div> <div>500 g</div>
High viscosity	<div>20 g</div> <div>50 g</div> <div>500 g</div>

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

WIKO SUPER GLUE HIGH-PERFORMANCE products not only bond plastics, rubber, metal and paper but also porous and absorbent materials like cork and wood.

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

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 +85 °C	● ● ●	● ● ●	● ● ●	● ● ●
-40 °C to +120 °C	● ●	● ● ●	● ● ●	● ● ●

ODOURLESS


Non-blooming - Especially for bonds in modelling



Product	Trading units	Item no.	Pack.	Cure speed (on EPDM rubber)	Viscosity	Tensile shear strength (on steel)
SUPER GLUE 60	10 g bottle	SG60.F10	50	< 10 seconds	90 - 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 - 15 seconds	5 - 10 mPas	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 mPas	14 - 20 N/mm ²
	50 g bottle	SG63.F50	20			
	500 g bottle	SG63.F500	1			

Advantages:

- Odourless - non-blooming
- Leaves no white edges on clearly visible spots.
- Clean, almost invisible bonds
- Especially for applications in model making
- Does not damage Styrofoam® used in model making



NEW

TWIST-CAP for precise dispensing.

Low viscosity	20 g	50 g	500 g
Med. viscosity	20 g	50 g	500 g
High viscosity	20 g	50 g	500 g

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.

WIKO SUPER GLUE ODOURLESS products not only bond plastics, rubber, metal and paper but also porous and absorbent materials like cork and wood.

Temperature resistance	Suitability for plastics	Suitability for rubber	Suitability for metals	Suitability for porous materials
-40 °C to +80 °C	<div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div></div>
-40 °C to +80 °C	<div><div></div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div></div>
-40 °C to +80 °C	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>

HIGH TEMPERATURE

For high temperature resistant bonds and high flexibility



Product	Trading units	Item no.	Pack	Cure speed (on EPDM rubber)	Viscosity	Tensile shear strength (on steel)
SUPER GLUE HT 20	20 g bottle	SGHT20.F20	30	< 10 seconds	20 - 30 cP (Brookfield)	> 15 N/mm ²
	50 g bottle	SGHT20.F50	20		12 - 22 cP (cone and plate)	
	500 g bottle	SGHT20.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 units	Item no.	Pack.	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 mPas	> 15 N/mm ²

Advantages:

- High temperature resistant bonds (up to +120 °C)
- Excellent impact resistance
- High flexibility

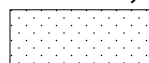
WIKO SUPER GLUE HIGH TEMPERATURE adhesives are the optimal choice for applications that demand for a high temperature resistant adhesive bond that also has to be highly flexible.



NEW

TWIST-CAP for precise dispensing.

Low viscosity



20 g

50 g

500 g

High viscosity



20 g

50 g

500 g

Temperature resistance

Suitability for plastics

Suitability for rubber

Suitability for metals

Suitability for porous materials

-40 °C to +120 °C



-40 °C to +120 °C



● ● ● perfectly suited

● ● well suited

— not suited

Advantages:

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

High viscosity



20 g

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

Temperature resistance

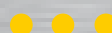
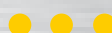
Suitability for plastics

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

CYANOACRYLATE ADHESIVES



WIKO SUPERGLUE ACTIVATOR

WIKO SUPERGLUE ACTIVATOR is especially applied at sub-optimal 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.

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

WIKO SUPERGLUE PRIMER

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 and other thermoplastics.

Product	Trading units	Item no.	Pack.
PRIMER	15 ml bottle	SGPF15	50
	1000 ml can	SGP.D1000	1

Advantages:

- **WIKO SUPERGLUE ACTIVATOR** accelerates the cure speed of super glues
- **WIKO SUPERGLUE PRIMER** supports the bonding of plastics that are difficult to bond like polyethylene (PE), polypropylene (PP), PTFE and thermoplastics
- **WIKO SUPERGLUE REMOVER** is used for an easy removal of adhesive residues
- **WIKO SUPERGLUE FILLER** is used to fill and level out holes, cracks and gaps in connection with CA adhesives

Aerosol can



ACTIVATOR

Open trading units



ACTIVATOR

PRIMER

REMOVER

Small trading units



FILLER

ACTIVATOR

PRIMER

REMOVER

WIKO SUPERGLUE REMOVER

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

Product	Trading units	Item no.	Pack.
REMOVER	20 ml bottle	SGR.F20	30
	1000 ml can	SGR.D1000	1

WIKO SUPERGLUE FILLER

As a filling material, **WIKO SUPERGLUE FILLER** is used to fill and level out holes, cracks and gaps in connection with **WIKO SUPERGLUE**.

Product	Trading units	Item no.	Pack.
FILLER	30 g bottle	SGF.F30	30

MS POLYMER - BONDING & SEALING

For universal application in industry and handcraft

MS POLYMER
ADHESIVES & SEALANTS





NEW



Product	Trading units	Item no.	Pack.	Temperature resistance	Shelf life
MS POLYMER TRANSPARENT	290 ml cartridge	MSPT.K290	12	-40 °C to +100 °C	12 months
	600 ml tubular bag	MSPT.B600	15		12 months
MS POLYMER WHITE	290 ml cartridge	MSPW.K290	12	-40 °C to +120 °C short-term up to +180 °C	18 months
	600 ml tubular bag	MSPW.B600	15		15 months
MS POLYMER GREY	290 ml cartridge	MSPG.K290	12	-40 °C to +120 °C short-term up to +180 °C	18 months
	600 ml tubular bag	MSPG.B600	15		15 months
MS POLYMER BLACK	290 ml cartridge	MSPS.K290	12	-40 °C to +120 °C short-term up to +180 °C	18 months
	600 ml tubular bag	MSPS.B600	15		15 months

Advantages:

- Elastic and moisture-curing adhesive and sealant for assembly and construction
- UV resistant
- Free of isocyanates, solvents and silicones
- High temperature resistance
- Extensive shelf life

 Black	290 ml
	600 ml
 Grey	290 ml
	600 ml
 White	290 ml
	600 ml
 Transparent	290 ml
	600 ml

WIKO MS POLYMER products are universally applicable for industrial or manual production of vehicles, bodywork and marine 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 by a wet-on-wet process. The odourless characteristic provides for a comfortable application and the low volume of shrinkage as well as the low bubble formation ensure an optimal result.



An extensive accessory selection can be found on pages 66 - 69.

Description	Item no.	Pack.
Dispensing gun for 290 ml cartridge manual, made of steel	DPM290/310S	1
Dispensing gun for 600 ml tubular bag pneumatic	DPP600S	1

Skin formation time	Tack free time	Shore hardness A	Tensile strength	Elongation
approx. 10 - 15 minutes	after approx. 4 hours	approx. 38	approx. 1.8 N/mm ²	approx. 250 %
approx. 10 - 15 minutes	after approx. 4 hours	approx. 50	approx. 2.2 N/mm ²	approx. 300 %
approx. 10 - 15 minutes	after approx. 4 hours	approx. 50	approx. 2.2 N/mm ²	approx. 300 %
approx. 10 - 15 minutes	after approx. 4 hours	approx. 50	approx. 2.2 N/mm ²	approx. 300 %

MS POLYMER - CONSTRUCTION

Certified adhesive and sealant with high stability

MS POLYMER
ADHESIVES & SEALANTS

NEW



Product	Trading units	Item no.	Pack.	Temperature resistance	Shelf life
CONSTRUCTION BLACK	290 ml cartridge 600 ml tubular bag	MSPKS.K290 MSPKS.B600	12 15	-40 °C to +120 °C short-term up to +180 °C	18 months 15 months
CONSTRUCTION GREY (On request)	290 ml cartridge 600 ml tubular bag	MSPKG.K290 MSPKG.B600	12 15	-40 °C to +120 °C short-term up to +180 °C	18 months 15 months
KONSTRUKTION WHITE (On request)	290 ml cartridge 600 ml tubular bag	MSPKW.K290 MSPKW.B600	12 15	-40 °C to +120 °C short-term up to +180 °C	18 months 15 months

Advantages:

- Elastic and moisture-curing industrial construction adhesive and sealant
- High stability and tensile strength
- Certificates: Germanischer Lloyd (WP 0840006 HH), ISEGA (Harmless to foodstuff)
- Highly resistant to UV light
- Free of isocyanates, solvents and silicones
- High temperature resistance
- Extensive storage life

Black	290 ml
	600 ml
Grey	290 ml
	600 ml
White	290 ml
	600 ml



An extensive accessory selection can be found on pages 66 - 69.

WIKO MS POLYMER products are universally applicable for industrial or manual production of vehicles, bodywork and marine 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 recoated by a wet-on-wet process. The odourless characteristic provides for a comfortable application and the low volume shrinkage as well as the low bubble formation ensure an optimal result.

Description	Item no.	Pack.
Dispensing gun for 290 ml cartridge manual, made of steel	DPM290/310S	1
Dispensing gun for 600 ml tubular bag pneumatic	DPP600S	1

Skin formation time	Tack free time	Shore Hardness A	Tensile strength	Elongation
approx. 8 minutes	after approx. 4 hours	approx. 55	approx. 3.0 N/mm ²	approx. 350 %
approx. 8 minutes	after approx. 4 hours	approx. 55	approx. 3.0 N/mm ²	approx. 350 %
approx. 8 minutes	after approx. 4 hours	approx. 55	approx. 3.0 N/mm ²	approx. 350 %

MS POLYMER - SPRAYABLE

Elastic adhesive and sealant for assembly and seam sealing

MS POLYMER
ADHESIVES & SEALANTS

NEW



Product	Trading units	Item no.	Pack.	Colour	Temperature resistance	Shelf life
MS POLYMER SPRAYABLE	290 ml cartridge	MSPSG.K290	12	grey	-30 °C to +90 °C short-term up to +120 °C	15 months

MS POLYMER - HIGH TACK

Permanently elastic adhesive and sealant with high initial adhesion

MS POLYMER
ADHESIVES & SEALANTS

NEW



Product	Trading units	Item no.	Pack.	Colour	Temperature resistance	Shelf life
MS POLYMER HIGH TACK	290 ml cartridge	MSPHTW.K290	12	white	-40 °C to +100 °C	12 months
	600 ml tubular bag	MSPHTW.K290	15			

Advantages:

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



An extensive accessory selection can be found on pages 66 - 69.

Description	Item no.	Pack.
Dispensing gun for dispensing beads for 290 ml cartridge, manual, made of steel	DPM290/310S	1
Dispensing gun for spraying <i>Please ask us for information and advice.</i>		

WIKO MS POLYMER SPRAYABLE is universally applicable for industrial or manual production of vehicles, bodywork and marine 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.

WIKO MS POLYMER SPRAYABLE features low volume shrinkage, no bubble formation and is odourless. The elastic, moisture-curing adhesive and sealant can be recoated in a wet-on-wet process.

Skin formation time	Open time	Tack free time	Shore hardness A	Tensile strength	Elongation
approx. 15 minutes	60 minutes	approx. 4 hours	approx. 35	approx. 2.0 N/mm ²	approx. 425 %

Advantages:

- High initial adhesion
- Free of isocyanates, solvents, PVC, phthalate and silicones
- High colour fastness and highly resistant to UV light
- For indoor and outdoor applications



An extensive accessory selection can be found on pages 66 - 69.

Description	Item no.	Pack.
Dispensing gun for 290 ml cartridge manual, made of steel	DPM290/310S	1
Dispensing gun for 600 ml bag pneumatic	DPP600S	1

WIKO MS POLYMER HIGH TACK is an elastic and moisture-curing adhesive and sealant with universal application possibilities for buildings under construction, maintenance, renovation, sealing of gaps in single sheet or insulation glazing and glazing in frame connectors.

The construction adhesive can be used to bond stone, concrete, mirrors, natural stone, gypsum, polycarbonate, PSPU, PVC,

different plastics, ceramic tiles, enamel, copper, lead, zinc, aluminium, stainless steel, different metals, HPL panels, cement fibre panels, colour systems, wood, glass, etc.

WIKO MS POLYMER HIGH TACK features low volume shrinkage, no bubble formation and is odourless. The elastic, moisture-curing adhesive and sealant can be recoated in a wet-on-wet process.

Skin formation time	Tack free time	Shore hardness A	Tensile strength	Elongation
approx. 10 -15 minutes	4 hours	approx. 55	approx. 2.2 N/mm ²	approx. 335 %

MS POLYMER - 2C BOOSTER

Accelerated construction adhesive for indoors and outdoors

MS POLYMER
ADHESIVES & SEALANTS

NEW



Product	Trading units	Item no.	Pack	Temperature resistance	Shelf life
2C BOOSTER BLACK	490 ml cartridge	MSPBS.K490	1	-40 °C to +120 °C short-term up to +180 °C	9 months
2C BOOSTER GREY (On request)	490 ml cartridge	MSPBG.K490	1	-40 °C to +120 °C short-term up to +180 °C	9 months
2C BOOSTER WHITE (On request)	490 ml cartridge	MSPBW.K490	1	-40 °C to +120 °C short-term up to +180 °C	9 months

Advantages:

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

Black	2C double cartridge 490 ml
Grey	2C double cartridge 490 ml
White	2C double cartridge 490 ml

WIKO MS POLYMER 2C BOOSTER is perfectly suited for serial production due to its fast cure speed and adhesive strength.

Universally applicable for industrial or manual production of vehicles, bodywork and marine 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.

WIKO MS POLYMER 2C BOOSTER is suited for indoor and outdoor applications and features a high final strength as well as a high resistance to UV light.



An extensive accessory selection can be found on pages 66 - 69.

Description	Item no.	Pack.
Dispensing gun for 490 ml cartridge manual, made of plastic	DPM490P	1
Mixing nozzle, 10:1 for MS Polymer Booster, 490ml	MXB490	1

Skin formation time	Open time	Tack free time	Shore Hardness A strength	Tensile elongation	Elongation
10 minutes ¹⁾ 5 minutes ²⁾	approx. 10 minutes	after 2 hours	approx. 55	approx. 2.6 N/mm ²	approx. 330%
10 minutes ¹⁾ 5 minutes ²⁾	approx. 10 minutes	after 2 hours	approx. 55	approx. 2.6 N/mm ²	approx. 330%
10 minutes ¹⁾ 5 minutes ²⁾	approx. 10 minutes	after 2 hours	approx. 55	approx. 2.6 N/mm ²	approx. 330%

¹⁾ At 23 °C and 50% air humidity

²⁾ At 35 °C and 60% air humidity

APPLICATION SURVEY

For different materials.

MS POLYMER
KLEBEN UND DICHTEN



Material		Vorbehandlung			
		Grundsätzlich ist eine Reinigung der Materialien mit Kunststoff- oder Metallreiniger ausreichend und eine Vorbehandlung nicht notwendig, sie beruht lediglich auf eine Empfehlung und dient der Verbesserung und der Prozesssicherheit.			
Metalle	Aluminium	Haftreiniger Universal	●	●	●
	Kupfer	Haftreiniger Universal	●	●	
	Messing	Haftreiniger Universal	●	●	
	rostfreier Stahl	Haftreiniger Universal	●	●	●
	Stahl	Haftreiniger Universal	●	●	●
	Gusseisen	Haftreiniger Universal	●	●	●
	feuerverzinkte Teile	Haftreiniger Universal	●	●	●
	galvanisierte Teile	Haftreiniger Universal	●	●	●
Kunststoffe	ABS	Kunststoff- und Lackprimer	●	●	●
	Polyethylen (PE)	Corona / Plasma	●	●	
	PMMA (Acryl)	Kunststoff- und Lackprimer	●	●	●
	Polyamide (PA 6, PA 6.6, Nylon®)	Kunststoff- und Lackprimer	●	●	●
	Polycarbonate (PC)	Kunststoff- und Lackprimer	●	●	●
	andere Polyester (PBT, PET)	Kunststoff- und Lackprimer	●	●	
	Polystyrol (PS)	Kunststoff- und Lackprimer	●	●	●
	Polysulfone (PSU)	Kunststoff- und Lackprimer	●	●	
	Polypropylen (PP)	Primer für PP	●	●	●
	PVC	Kunststoff- und Lackprimer	●	●	●
Lacke	Wasserbasis-Lacke *	Kunststoff- und Lackprimer	●	●	●
	Pulver-Lack-Systeme *		●	●	●
	Kunstharz-Lacke *		●	●	●
Composites	Cellulosen (CAB, CAP)	Kunststoff- und Lackprimer	●	●	●
	Carbon (CFK)	Kunststoff- und Lackprimer	●	●	●
	Gelcoat **		●	●	●
	Fiberglas (GFK)	Kunststoff- und Lackprimer	●	●	●
	Polyesterharz (UP)	Kunststoff- und Lackprimer	●	●	●
	Polyurethane (PU)	Kunststoff- und Lackprimer	●	●	●
	PTFE (Teflon®)		●		
	Epoxid	Kunststoff- und Lackprimer	●	●	●
	Silikone		●		
Holz	Holz (hart & weich)	entstauben	●	●	●
	Holzwerkstoffe	entstauben	●	●	●
	Sperrholz	entstauben	●	●	●
Sonstige	Gummi	Kunststoff- und Lackprimer	●	●	●
	Moosgummi	Kunststoff- und Lackprimer	●	●	
	EPDM	Kunststoff- und Lackprimer	●	●	
	Kautschuk	Kunststoff- und Lackprimer	●	●	
	Glas	Kunststoff- und Lackprimer	●	●	●
	Keramik	Haftreiniger Universal	●	●	●
	Beton	Kunststoff- und Lackprimer	●	●	●
	Ziegelsteine	Kunststoff- und Lackprimer	●	●	●

● ● ● = ausgezeichnet geeignet ● ● = gut geeignet ● = nicht empfohlen

MS POLYMER KONSTRUKTION



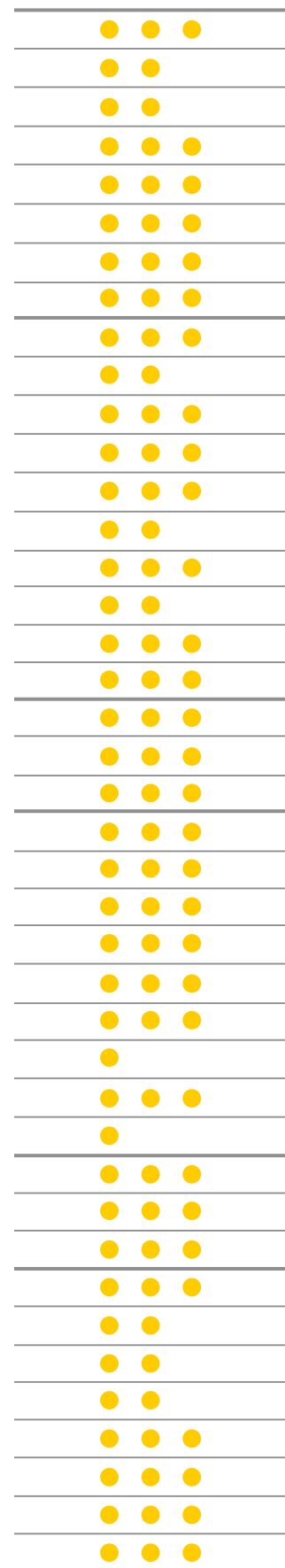
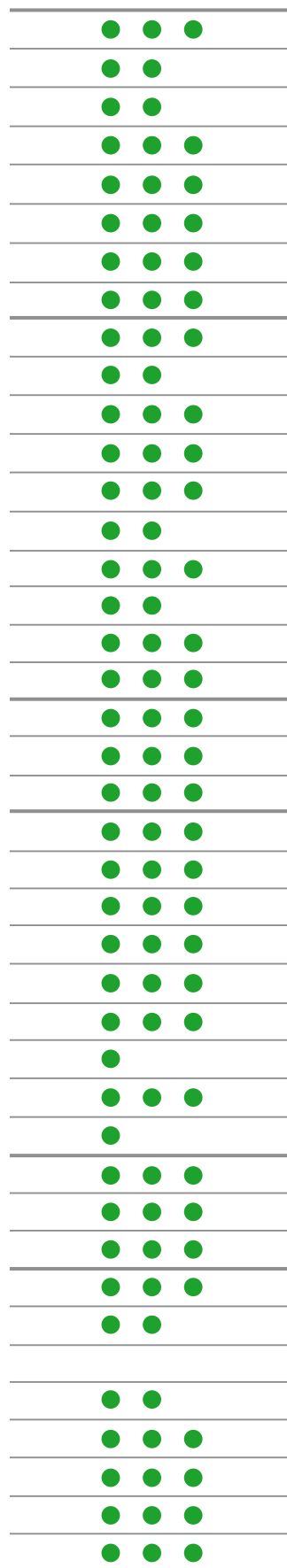
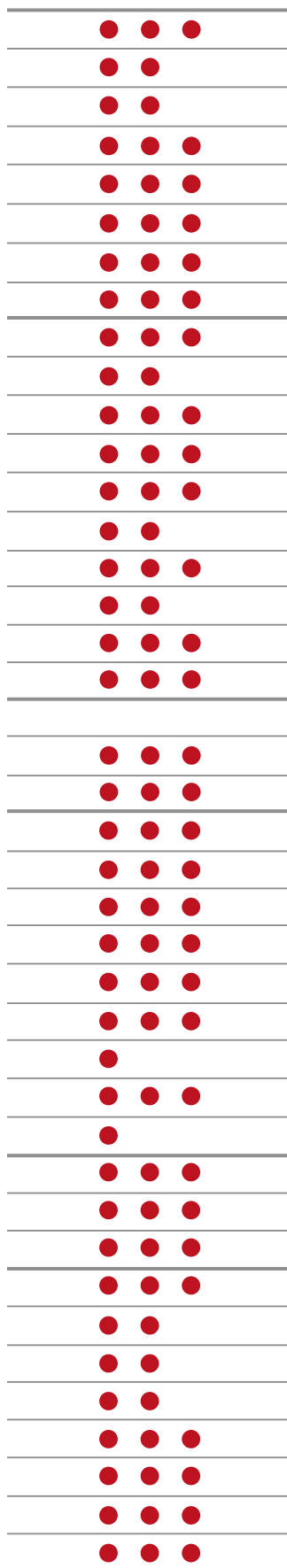
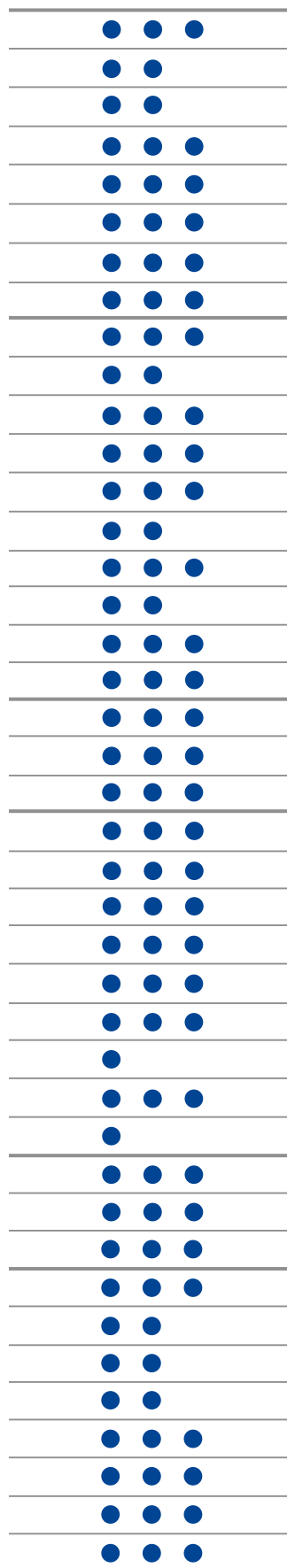
MS POLYMER 2K BOOSTER



MS POLYMER HIGH TACK



MS POLYMER SPRÜHBAR

* Bei der Vielzahl der am Markt befindlichen Lacksysteme sind Eigenversuche nötig, um die geringst mögliche Vorbehandlung zu ermitteln.

** Bei der Vielzahl der am Markt befindlichen Gelcoats sind Eigenversuche nötig, um die geringst mögliche Vorbehandlung zu ermitteln.

ACCESSORIES FOR MS POLYMER

For professional and optimal results

MS POLYMER
ADHESIVES & SEALANTS

NEW



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
- No formation of stains

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

PRIMER FOR PLASTICS AND LACQUER

- Improves the adhesion of sealants based on MS polymer
- Used for pre-treatment of diverse surfaces as well as primer for lacquer applied on sealants
- Good adhesion on porous surfaces
- Certified by EN-14188-4
- Free of isocyanates

Product	Trading units	Item no.	Pack.
PRIMER FOR PLASTICS & LACQUER	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)

Product	Trading units	Item no.	Pack.
POLYPROPYLENE PRIMER	250 ml brush-in-cap can	MSP.PP.PD250	1
	1000 ml can	MSP.PP.D1000	1

CLEANING & MAINTENANCE

For the removal of dirt and subsequent cleaning

WIKO offers an extensive product line 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.

Application areas:

- Cleaning of surfaces to be bonded
- Removal of sealings
- Cleaning of metal surfaces
- Large-area industrial cleaning



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

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 units	Item no.	Pack.
LABEL REMOVER	400 ml aerosol can	AETL.D400	12



- Completely residue-free
- 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, businesses, industry and households.

Product	Trading units	Item no.	Pack.
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 therefore provide a conserving effect that prevents an oxidation of the cleaned contacts.

Product	Trading units	Item no.	Pack.
CONTACT CLEANER	400 ml aerosol can	AKTR.D400	12



- Strong and sensitive foam cleaning agent
- Excellent and stainless removal of stains and persistent impurities
- Long-lasting maintenance of plastics, cushions and many more

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

Product	Trading units	Item no.	Pack.
SUPER FOAM	400 ml aerosol can	ASUS.D400	12

NEW



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

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

Product	Trading units	Item no.	Pack.
METAL CLEANER	500 ml aerosol can	AMTR.D500	12
	1000 ml can	AMTR.D1000	1

NEW



- 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 units	Item no.	Pack.
PLASTIC CLEANER	500 ml aerosol can	AKSR.D500	12
	1000 ml can	AKSR.D1000	1

CLEANING & MAINTENANCE

For the removal of dirt and the subsequent cleaning



- Residue-free removal of dirt
- Excellent, thoroughly and extremely fast cleaning
- Creates an absolutely clean surface

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 units	Item no.	Pack.
ASSEMBLY CLEANER	500 ml aerosol can	AMRE.D500	12



- Highly concentrated and strong universal cleaner
- Mild formulation and especially low consumption rate
- 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 anionic and nonionic tensides, alkalis and water-soluble solvents, therefore, the product is highly biodegradable.

Product	Trading units	Item no.	Pack.
BIO CLEAN	1000 ml bottle	ABIO.F1000	12



- 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 a mature special formula without caustic substances. **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 non-corrosive and can be applied on rubber and plastic components.

Product	Trading units	Item no.	Pack.
BRAKE CLEANER	600 ml aerosol can	ABRE.D600	12



- Highly efficient foam cleaner for displays and sensitive surfaces
- Provides a brilliant image
- Also 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 longlasting brilliant image on plasma displays, LCDs, TVs and computer displays.

Product	Trading units	Item no.	Pack.
DISPLAY CLEANER	400 ml aerosol can	ABSR.D400	12



- Careful removal of sealings, 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, sealings, packaging, paint and lacquer, even at vertical surfaces. The product eliminates cleaning by mechanical means.

Product	Trading units	Item no.	Pack.
GLUE AND SEAL REMOVER	400 ml aerosol can	ADEF.D400	12



- Perfectly cleans, maintains and seals all stainless steel surfaces and coated surfaces
- Creates a permanent protection layer
- 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 film prevents corrosion and has an anti-static, dust- and dirt-repellent effect.

Product	Trading units	Item no.	Pack.
STAINLESS STEEL MAINTENANCE	400 ml aerosol can	AESP.D400	12



- Dry and non-contact cleaning under pressure
- Perfectly suited for sensitive surfaces
- Quick cleaning of inaccessible spots and corners

WIKO COMPRESSED AIR SPRAY flammable is used for cleaning under pressure. Due to the non-contact cleaning under pressure, the spray is also perfectly suited for sensitive surfaces.

Product	Trading units	Item no.	Pack.
COMPRESSED AIR SPRAY	400 ml aerosol can	ADLB.D400	12

SURFACE PROTECTION AND PREPARATION

Based on mineral, organic and synthetic oils

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



- Lasting conservation of metals and plastics
- For coated surfaces
- High penetrability and excellent 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 through drying, the product transforms into firmly adhering, tough-plastic, colourless and waterproof layer.

Product	Trading units	Item no.	Pack.
ANTI RUST WAX	400 ml aerosol can	ARSW.D400	12



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

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

Product	Trading units	Item no.	Pack.
WATERPROOFING SPRAY	400 ml aerosol can	AIMS.D400	12

GREASING - OILING - LUBRICATING

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

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



- Excellent protection against corrosion and seizing
- Perfect lubrication of heavily stressed antifriction surfaces
- Temperature range: -40 °C to +1.100 °C

WIKO ANTI-SEIZE SPRAY is a high-performance lubricant that can be used during the assembly of screw connections 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 units	Item no.	Pack.
ANTI-SEIZE SPRAY	400 ml aerosol can	AANS.D400	12



- Complete 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 stay loosely on the surface and can be easily wiped away.

Product	Trading units	Item no.	Pack.
WELDING SPRAY	400 ml aerosol can	ASWS.D400	12



- Increases operating life of machining tools
- Bio-degradable
- 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 units	Item no.	Pack.
DRILL AND CUTTING OIL	400 ml aerosol can	ABUS.D400	12

GREASING - OILING - LUBRICATING

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



- High capillary action and excellent adhesive strength
- Long-term resistance to water
- Temperature resistance: -40 °C to +150 °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 gear wheels, toothed racks, chains and steel cables, open gear mechanisms, driving rods and many more.

Product	Trading units	Item no.	Pack.
GREASE SPRAY	400 ml aerosol can	AFES.D400	12



- Easy and fast loosening of seized connections, e.g. 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 most diverse metal parts. The spray mainly is applied in the areas of car industry, machine building, metalworking shops, hobby and households.

Product	Trading units	Item no.	Pack.
MULTIFUNCTIONAL SPRAY	400 ml aerosol can	AMFS.D400	12



- Reliable protection against oxidation and corrosion
- Waterproof and antistatic
- Temperature resistance: -40 °C to +150 °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 for a lasting lubrication film and a good surface property respectively. Excellent sliding effect on plastic, rubber and metal parts.

Product	Trading units	Item no.	Pack.
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 °C to +150 °C

WIKO ADHESIVE GREASE SPRAY, transparent, 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 units	Item no.	Pack.
ADHESIVE GREASE SPRAY	400 ml aerosol can	AHFS.D400	12



- Excellent lubricity and creep characteristics
- Free of resin, silicone and acid
- Highly resistant to pressure
- Temperature range: -30 °C to +260 °C

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

Product	Trading units	Item no.	Pack.
HIGH TEMPERATURE OIL	400 ml aerosol can	AHTO.D400	12



- Lasting lubrication of chains, joints, couplings and many more
- Long-term protection against corrosion
- Excellent lubricity and creep characteristics

WIKO CHAIN SPRAY with MoS₂ is a synthetic, transparent adhesive lubricant that contains MoS₂ and is perfect for a long-lasting (internal and external) lubrication of all kinds of chains and wires exposed to high stress. The product is waterproof, suppresses moisture and has a conserving effect. Temperature range: -30 °C to +150 °C.

Product	Trading units	Item no.	Pack.
CHAIN SPRAY with MoS₂	400 ml aerosol can	AKTS.D400	12



- Temperature resistance: -190 °C to +260 °C
- Reliable prevention of wearing
- Prevention of jamming, friction, squeaking and creaking

WIKO PTFE SPRAY is used in industry, workshops, plastics processing, paper industry and textile industry where it 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, creep characteristics and lubricity.

Product	Trading units	Item no.	Pack.
PTFE SPRAY	400 ml aerosol can	APTF.D400	12



- Excellent lubrication for assembly and effective protection against corrosion
- Temperature resistance: up to +1.100 °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 units	Item no.	Pack.
COPPER SPRAY	400 ml aerosol can	AKUS.D400	12

SPRAY LACQUER

For a smooth and nonporous surface

The sprays from the product line **WIKO SPRAY LACQUER** feature an excellent protection against corrosion as well as a high degree of gloss that provides a perfect optical upgrade, especially for damaged spots.



- Fast-drying, extremely abrasion-proof protection against corrosion
- Suited for all ferrous metals
- Creates surfaces with a high degree of gloss

WIKO ALUMINIUM SPRAY creates a plane, non-porous dry film and contains over 99% of pure aluminium. The resulting surface is brilliant and extremely abrasion resistant. **WIKO ALUMINIUM SPRAY** provides permanent corrosion protection, which is highly resistant to heat, weathering, acids and alkalis.

Product	Trading units	Item no.	Pack.
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

WIKO STAINLESS STEEL VARNISH is a temperature-resistant corrosion protection with an abrasion-proof surface in stainless steel colour.

The lacquer most efficiently repairs any type of stainless steel parts and provides an optical upgrade for problematic spots like welding points and cutting sites.

Product	Trading units	Item no.	Pack.
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 (intermittently up to +300 °C)

WIKO ZINC REPAIR SPRAY is a mixture of aluminium and zinc. The spray offers heat-resistant corrosion protection for many basic metals as well as an excellent adhesive strength on non-ferrous metals and iron. The spray creates an optical similarity with newly galvanized materials. The new surface can be recoated without difficulty.

Product	Trading units	Item no.	Pack.
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 (intermitt. 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 zinced materials due to its colour similarity. The new surface can be recoated without difficulty.

Product	Trading units	Item no.	Pack.
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 units	Item no.	Pack.
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 units	Item no.	Pack.
ZINC SPRAY	400 ml aerosol can	AZIN.D400	12

MAINTENANCE & REPAIR

To increase the operating life and performance 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), medical engineering, etc.



- Extremely fast and effective cooling down of max. -45°C
- Mode of operation: cools down - freezes - shrinks
- Easy error search in case of thermal disruptions

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 units	Item no.	Pack.
COOLING SPRAY flammable	400 ml aerosol can	AKSB.D400	12



- Very fast loosening of rusted and seized up screw connections
- Free of silicone and grease
- Completely residue-free results
- 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 interspaces 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 units	Item no.	Pack.
RUST SHOCK	400 ml aerosol can	AROS.D400	12

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®. The mentioned materials can be bonded with identical and different materials.



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

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

Product	Trading units	Item no.	Pack.
SPRAY ADHESIVE HOBBY	400 ml aerosol can	ASPH.D400	12



- Effortless detection and easy control of leaky spots
- Temperature range:
0 °C to + 50 °C
- Non-flammable, noncorrosive and mild on skin

WIKO LEAK DETECTOR enables an effortless detection of leaky spots at pressurized screw connections, flanged joints, pipes and welds. The spray contains no dangerous ingredients and is therefore an environmentally friendly product.

Product	Trading units	Item no.	Pack.
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 units	Item no.	Pack.
RUST DISSOLVER with MoS2	400 ml aerosol can	AROL.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 bonds materials that are difficult to adhere and creates permanent and inseparable connections.

Product	Trading units	Item no.	Pack.
SPRAY ADHESIVE BODYWORK	400 ml aerosol can	ASPK.D400	12

HIGH TEMPERATURE SILICONE SEALANTS

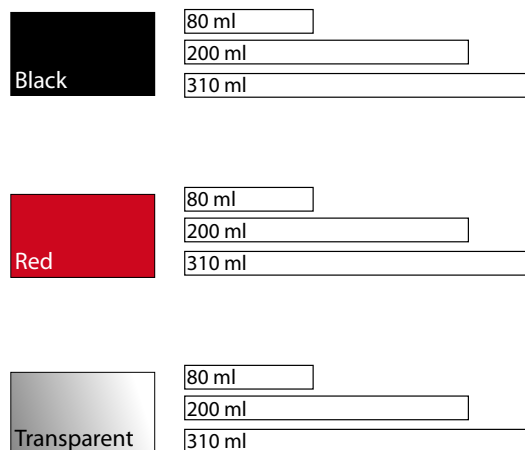
High temperature resistant, permanently elastic silicone sealants



Product	Colour	Trading units	Item no.	Pack.	Skin formation time
HT SILICONE OXIME BLACK	black	80 ml cartridge	SIOS.K80	12	approx. 10 - 15 minutes
		200 ml automatic cartridge	SIOS.K200	12	
		310 ml cartridge	SIOS.K310	20	
HT SILICONE OXIME RED	red	80 ml cartridge	SIOR.K80	12	approx. 10 - 15 minutes
		200 ml automatic cartridge	SIOR.K200	12	
		310 ml cartridge	SIOR.K310	20	
HT SILICONE OXIME TRANSPARENT	transparent	80 ml cartridge	SIOT.K80	12	approx. 8 - 25 minutes
		200 ml automatic cartridge	SIOT.K200	12	
		310 ml cartridge	SIOT.K310	20	

Advantages:

- Odourless
- The oxime-interlacing sealing mass does not affect the surface negatively and prevents corrosion
- High and reliable temperature resistance
- Excellent permanently elastic characteristics
- High interlacing speed that is above average
- Excellent resistance to atmospheric exposures and ageing



The silicone based 1C adhesives and sealants **WIKO HT SILICONE OXIME** are perfectly suited for demanding industrial applications in production, construction and maintenance. Special traits of the products are their high resistance to temperature, impacts and peeling as well as an excellent gap-filling capability. **WIKO HT SILICONE OXIME** adhesives and sealants are solely RTV oxime-interlacing and guarantee a quick functionality of the bonds and sealings.

Moreover, **WIKO HT SILICONE OXIME** products feature an excellent resistance to UV light, a very high expansibility and compression capability and, moreover, have a very effective anti-fungal formula.



An extensive accessory selection can be found on pages 66 - 69.

Description	Item no.	Pack.
Dispensing gun for 310 ml cartridge manual, made of steel	DPM290/310S	1

Cure speed	Elongation	Shore hardness (A)	Temperature resistance
1. day: 2mm* 2. day and following days: 1mm*	approx. 600%	approx. 25 - 30	-40 °C to +250 °C (short-term up to +300 °C)
1. day: 2mm* 2. day and following days: 1mm*	approx. 600%	approx. 25 - 30	-40 °C to +300 °C (short-term up to +350 °C)
1. day: 2mm* 2. day and following days: 1mm*	approx. 600%	approx. 18 +/- 5	-40 °C to +180 °C (short-term up to +240 °C)

* At a temperature of +23 °C and 50% relative air humidity.

1C WINDSCREEN ADHESIVE

For bonding of front, rear and side screens



1C ASSEMBLY ADHESIVE

Construction adhesive based on polyurethane



1C CONTACT ADHESIVE

Based on synthetic caoutchouc and epoxy resin



The high-quality **WIKO WINDSCREEN ADHESIVE REPAIR SET** is perfectly suited to bond front, rear and side screens into the bodywork of vehicles (metal and aluminium). The one-component adhesive and sealant offers excellent adhesive strength on glass, glass with ceramic coating, coated surfaces as well as residual material due to its high-quality manufacturing. The adhesive cures optimally by exposure to air humidity into a rubbery-elastic material.

WIKO WINDSCREEN ADHESIVE REPAIR SET consists of:

- 1 cartridge windscreen adhesive 310ml
- 1 cartridge tip
- 1 adhesive cleaner 30 ml
- 1 wool wiper
- 1 primer 30 ml
- 1 instruction sheet



An extensive accessory selection can be found on pages 66 - 69.

Description	Item no.	Pack.
Dispensing gun for 310 ml cartridge manual, made of steel	DPM290/310S	1

Product	Trading units	Item no.	Pack.
REPAIR SET	Set	SKS.SET	12
WINDSCREEN ADHESIVE	310 ml cartridge	SKSK.K310	1

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, plastic and insulating materials like PU foam, PS foam, Rockwool and glass wool.

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



An extensive accessory selection can be found on pages 66 - 69.

Description	Item no.	Pack.
Dispensing gun for 310 ml cartridge manual, made of steel	DPM290/310S	1

Product	Trading units	Item no.	Pack.
ASSEMBLY ADHESIVE	310 ml cartridge	MONT.K310	12

WIKO CONTACT is a multi-purpose contact adhesive with flexible drying times and an excellent adhesion on all materials.

The contact adhesive can be applied on coated plastics. It reliably bonds most diverse materials like cardboard, inlays, rubber edging strips, foam, chipboard, concrete, stone and many more. **WIKO CONTACT** also offers multiple application possibilities in the area of orthopedic technology (for leather, rubber, industrial crepe, PP, PE). The adhesive has a temperature resistance of up to +110°C and is hypoallergenic since the product is free of phenol and toluene.

Product	Trading units	Item no.	Pack.
CONTACT	650 g can	CON.D800	1

2C EPOXY RESIN ADHESIVES

For high-strength bonds and repairs



Product	Trading units	Item no.	Pack.	Mixing ratio	Processing time
EPOXY TRANSPARENT 5	25 ml twin syringe	EPOT5.S25	10	1:1	5 minutes
	50 ml double cartridge	EPOT5.K50	10		
	400 ml double cartridge	EPOT5.K400	1		
EPOXY TRANSPARENT 5 Resin and curing agent	Set - 2 x 50 g bottle	EPOT5.Set50	1	1:1	5 minutes
	Set - 2 x 100 g bottle	EPOT5.Set100	1		
EPOXY TRANSPARENT 30	25 ml twin syringe	EPOT30.S25	10	1:1	30 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	30 minutes
	Set - 2 x 100 g bottle	EPOT30.Set100	1		
EPOXY METAL 5	25 ml twin syringe	EPOM5.S25	10	1:1	4 - 6 minutes
	50 ml double cartridge	EPOM5.K50	10		
	400 ml double cartridge	EPOM5.K400	1		

Advantages:

- Universal suitability to connect most diverse material combinations
- High tensile strength and resistant to impact, ageing and media
- Product can be grinded and recoated

Transparent	5 Min.	25 ml
		50 ml
		400 ml
Transparent	30 Min.	25 ml
		50 ml
		50 ml + 50 ml / 100 ml + 100 ml
		400 ml
Metal	5 Min.	25 ml
		50 ml
		400 ml

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, moreover have a 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.



An extensive accessory selection can be found on pages 66 - 69.

Description	Item no.	Pack.
Dispensing gun for 50 ml cartridge manual, made of plastic	DPM50P	1
Dispensing gun for 400 ml cartridge manual, made of plastic	DPM400P	1
Mixing nozzle 3D-Dynamix for 25 ml and 50 ml, 1:1	MXD25/37/50s	1
Mixing nozzle Quadro for 400 ml, 1:1	MXQ200/400	1

Curing time	Viscosity	Tensile shear strength	Shore hardness (D)	Temperature resistance
2 - 3 hours	15,000 - 20,000 mPas mixed viscosity	14 - 18 N/mm ²	78 - 80	up to +120 °C
2 - 3 hours	15,000 - 20,000 mPas mixed viscosity	14 - 18 N/mm ²	78 - 80	up to +120 °C
2 - 3 hours	15,000 - 20,000 mPas mixed viscosity	18 - 24 N/mm ²	78 - 80	up to +120 °C
2 - 3 hours	15,000 - 20,000 mPas mixed viscosity	18 - 24 N/mm ²	78 - 80	up to +120 °C
2 - 3 hours mixed viscosity	25,000 - 35,000 mPas	14 - 18 N/mm ²	78 - 80	up to +120 °C

2C EPOXY REPAIR PUTTY

Manually kneadable putty based on epoxy material



Product	Trading units	Item no.	Pack.	Mixing ratio	Processing time
EPOXY STICK Universal	56 g stick 114 g stick	ESTU.56 ESTU.114	24 12	1:1	3 - 4 minutes
EPOXY STICK Wood	56 g stick 114 g stick	ESTH.56 ESTH.114	24 12	1:1	4 - 5 minutes
EPOXY STICK Aluminium	56 g stick 114 g stick	ESTA.56 ESTA.114	24 12	1:1	3 - 4 minutes
EPOXY STICK Steel	56 g stick 114 g stick	ESTS.56 ESTS.114	24 12	1:1	3 - 4 minutes

Advantages:

- Kneadable and freely shapeable
- Universal suitability for most diverse materials
- Product cures also if applied underwater

Universal	56 g
	114 g
Wood	56 g
	114 g
Aluminium	56 g
	114 g
Steel	56 g
	114 g

WIKO EPOXY STICKS are kneadable 2C epoxy resin adhesives that are easy to apply. They 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 recoating.

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 the modelling of replacements and 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.

Fixing time	Tensile shear strength	Minimum gap	Shore hardness (D)	Temperature resistance
8 - 12 minutes	5 - 10 N/mm ²	0.5 mm	82	up to +120 °C intermittently up to +150 °C
8 - 12 minutes	5 - 10 N/mm ²	0.5 mm	80	up to +120 °C intermittently up to +150 °C
8 - 12 minutes	13 - 18 N/mm ²	0.5 mm	87	up to +120 °C intermittently up to +150 °C
8 - 12 minutes	13 - 18 N/mm ²	0.5 mm	84	up to +120 °C intermittently up to +150 °C

2C REPAIR ADHESIVES

2C polyurethane adhesive for demanding repairs and bonds



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

Advantages:

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

Black 90

Processing time:
60 - 100 seconds

25 ml

50 ml

Black 300

Processing time:
4 - 7 minutes

25 ml

50 ml

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, 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 working life.



An extensive accessory selection can be found on pages 66 - 69.

Description	Item no.	Pack.
Dispensing gun for 50 ml cartridge manual, plastic	DPM50P	1
Mixing nozzle 3D-Dynamix for 25 ml and 50 ml, 1:1	MXD25/37/50s	1

Fixing time	Viscosity	Tensile shear strength	Shore hardness (D)	Temperature resistance
approx. 30 - 60 minutes	resin: 30,000 mPas curing agent: 30,000 mPas	16 - 20 N/mm ²	70	-40 °C to +120 °C
approx. 60 minutes	resin: 30,000 mPas curing agent: 30,000 mPas	16 - 20 N/mm ²	61	-40 °C to +120 °C

2C METHACRYLATE ADHESIVES

For high-performance bonds of most diverse materials



Product	Trading units	Item no.	Pack.	Colour	Processing time
MULTI POWER 3	25 ml twin syringe	MP3.S25	10	cream-coloured beige	4 - 6 minutes
	50 ml double cartridge	MP3.K50	10		
	400 ml double cartridge	MP3.K400	1		
MULTI POWER 3 Black	50 ml double cartridge	MP3S.K50	10	black	4 - 6 minutes minutes
MULTI POWER 10	50 ml double cartridge	MP10.K50	10	cream-coloured beige	12 - 18 minutes
	400 ml double cartridge	MP10.K400	1		

Advantages:

- For high-performance bonds of most diverse materials
- Extreme resistance to impact and peeling
- Perfectly suited for mechanical finishing

Cream/beige	3 Min.	25 ml
		50 ml
		400 ml
Cream/beige	10 Min.	50 ml
		400 ml
Black	3 Min.	50 ml

WIKO MULTI POWER products are 2-component methylmethacrylate adhesives that are perfectly suited for permanent high-performance bonds of most diverse materials like steel, aluminium, fibreglass, ABS, PVC, PET, wood etc. The products can be applied in a very easy and fast way.

The adhesives not only replace numerous mechanical connection and fixing methods like welding, soldering or rivetting but also enable mechanical finishing like grinding, drilling, thread cutting or recoating.

WIKO MULTI POWER products feature an excellent tensile shear strength and resistance to impact and peeling. Moreover, the necessity for pre-treatment of surfaces is generally low. The products have a wide application range, e.g. automobile construction, woodworking industry, plastics industry and electrical industry. Additionally, **WIKO MULTI POWER** products are resistant to gasoline, oil, acids, bases as well as atmospheric exposures and moisture.



An extensive accessory selection can be found on pages 66 - 69.

Description	Item no.	Pack.
Dispensing gun for 50 ml cartridge manual, plastic	DPM50P	1
Dispensing gun for 400 ml cartridge manual, plastic	DPM400P	1
Mixing nozzle 3D-Dynamix for 25 ml and 50 ml, 1:1	MXD25/37/50s	1
Mixing nozzle Quadro for 400 ml, 1:1	MXQ200/400	1

Fixing time	Viscosity	Tensile strength	Shore hardness (D)	Elongation	Temperature resistance	Minimum gap
approx. 12 - 15 minutes	80,000 - 100,000 mPas mixed viscosity	< 24 N/mm ²	78	20 - 40 %	-40 °C to +125 °C	1 mm
approx. 12 - 15 mixed viscosity	80,000 - 100,000 mPas	< 24 N/mm ²	78	20 - 40 %	-40 °C to +125 °C	1 mm
approx. 30 - 35 minutes	80,000 - 100,000 mPas mixed viscosity	< 24 N/mm ²	78	20 - 40 %	-40 °C to +125 °C	1mm

PIB TAPE

Self-fusing insulating tapes

TAPES



POWER ZIP

Double-sided adhesive tape

TAPES



CLOTH TAPE

Universal high-performance fibre tapes

TAPES



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 self-fusing, 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.

Product	Trading units	Item no.	Pack.
PIB TAPE	5 metre	PIB.1905	96
	10 metre	PIB.1910	48

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**.

Product	Trading units	Item no.	Pack.
POWER ZIP	1,5 metre	PZIP.19150	20

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, due to its extremely tearproof and waterproof surface, is not only suited for bonding and repair but also excellently suited for sealing

Product	Colour	Item no.	Pack.
CLOTH TAPE	olive	PBO.5050	18
	silver	PBS.5050	18

HIGH TEMPERATURE PASTES

For lasting and reliable protection

PASTES



UV ADHESIVES

Acrylate adhesive, cures in UV light

UV ADHESIVES



Product	Trading units	Item no.	Pack.	Colour
UV ADHESIVE 100	50 ml bottle	UV100.F50	10	clear
	250 ml bottle	UV100.F250	1	
	1000 ml bottle	UV100.F1000	1	
UV ADHESIVE 800	50 ml bottle	UV800.F50	10	clear
	250 ml bottle	UV800.F250	1	
	1000 ml bottle	UV800.F1000	1	
UV ADHESIVE 3000	50 ml bottle	UV3000.F50	10	clear
	250 ml bottle	UV3000.F250	1	
	1000 ml bottle	UV3000.F1000	1	

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.

Product	Colour	Trading units	Item no.	Pack.	Temperature range
PROTECT ANTI-SEIZE	silver-grey	500 g can	PAS.D500	1	-20°C to +1.000°C
		1000 g can	PAS.D1000	1	
PROTECT COPPER	copper	50 g concertina	PKU.Z50	10	-30°C to +1.100°C
		500 g can	PKU.D500	1	
		1000 g can	PKU.D1000	1	
PROTECT CERAMICS	white (contains no metallic pigments)	200 g automatic cartridge	PKE.K200	12	-20°C to +1.500°C
		500 g can	PKE.D500	1	
		1000 g can	PKE.D1000	1	

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

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 needs.

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

Viscosity	Tensile strength	Temperature resistance
100 mPas	42 N/mm ²	-60 °C to +125 °C
800 mPas	39 N/mm ²	-60 °C to +150 °C
3.000 mPas	38 N/mm ²	-60 °C to +125 °C

DISPENSING GUNS

For an easy and clean application of cartridge systems



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



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



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



Product	Item no.	Pack.
Dispensing gun manual, steel for 50 ml cartridge, 1:1	DPM50S	1



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



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



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



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



Product	Item no.	Pack.
Dispensing gun manual, steel for 400 ml cartridge, 1:1	DPM400S	1



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



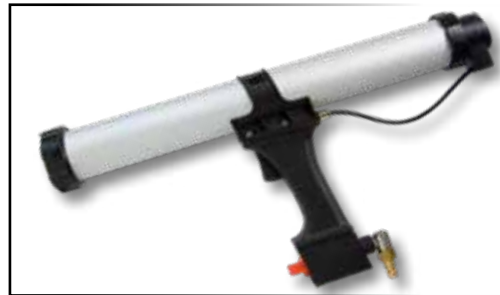
Product	Item no.	Pack.
Dispensing gun manual, steel for 380 ml coaxial cartridge, 10:1	DPM380S	1



Product	Item no.	Pack.
Dispensing gun pneumatic, steel for 380 ml coaxial cartridge, 10:1	DPP380S	1



Product	Item no.	Pack.
Dispensing gun manual, steel for 290 ml and 310 ml 1C-cartridge	DPM290/310S	1



Product	Item no.	Pack.
Dispensing gun pneumatic, steel for 600 ml tubular bag	DPP600S	1



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



Product	Item no.	Pack.
Plunger, 10:1 for 150 ml cartridge	DPST150	1

MIXING NOZZLES

For a perfect mixture of components and precise dispensing



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



Product	Item no.	Pack.
Mixing nozzle with narrow outlet for 25 ml, 37 ml and 50 ml	MXE25/37/50	10



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



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



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



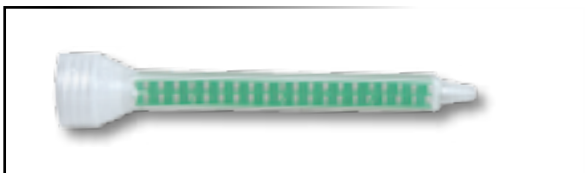
Product	Item no.	Pack.
Mixing nozzle, 1:1 and 2:1 for 200 ml and 400 ml	MXQ200/400	10



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



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



Product	Item no.	Pack.
Mixing nozzle, special 10:1 for 150 ml, 380 ml and 490 ml	MXS150/380/490	10



Product	Item no.	Pack.
Mixing nozzle, 10:1 for MS Polymer Booster, 490 ml	MXB490	10

GENERAL TERMS AND CONDITIONS

I. Field of application

1. The following conditions are effective for all contracts concluded between the purchaser and us concerning the delivery of goods. These conditions are also effective for all future business relations even if they are not expressly agreed upon once more. Deviating conditions of the purchaser that we do not expressly acknowledge are without obligation for us even if these conditions are not expressly disagreed upon by us. The following conditions are effective even if we execute the order of the purchaser without any reservation in acknowledgement of contradictory or deviating conditions of the purchaser.

2. All agreements that have been made between the purchaser and us in order to execute the sales contracts are laid down in writing in the sales contracts.

II. Offer and conclusion of contract

1. An order of the purchaser that qualifies as an offer for the conclusion of a sales contract can be accepted by us within two weeks by transmitting an order confirmation or by sending the ordered products within the same period of time.

2. Our offers are subject to change and without obligation unless we have expressly declared these offers as obligatory.

III. Conditions of payment

1. Our prices are ex works inclusive of packaging unless nothing different has been specified in the order confirmation. The value added tax is not included in our prices. The value added tax is separately shown in its statutory amount in the invoice on the day of invoicing.

2. A deduction of discount is only valid in case of a specific written agreement between us and the buyer. The purchase price is due immediately without any deduction starting with receipt of the invoice by the purchaser, insofar as the order confirmation offers no different payment target. A payment is only effective if the amount is available to us. In case of payments by cheque, the payment is only effective if the cheque has been cashed.

3. In case of payment default by the purchaser, the legal regulations apply.

4. In case notifications of defects or counterclaims are made, the purchaser is only entitled to an offset if these counterclaims have been acknowledged by us or if they are of an indisputable nature. The purchaser is only entitled to exercise a right of retention if his counterclaim is based upon the same contractual relationship.

IV. Period of delivery and time of performance

1. Delivery dates or periods of delivery that have not been expressly agreed upon as obligatory are solely information without obligation. The delivery date stated by us begins not until technical questions have been clarified. Likewise, the purchaser has to fulfil all his obligations in an orderly and timely manner.

2. In case that the underlying sales contract constitutes a business to be settled a set date, we will be liable according to legal regulations. The same is in effect if we are responsible for a delay in delivery and the purchaser is hence entitled to discontinue his interest in the fulfilment of the contract. In this case, our liability is limited to the foreseeable, typically occurring damage unless the delay in delivery is not based on an intentional violation of the contract on our part in which our representatives or assistants are responsible.

Likewise, we are liable to the purchaser in case of a delay in delivery according to legal regulations if this delay is based upon an intentional violation and gross negligence of the contract on our part in which our representatives or assistants are responsible. Our liability is limited to the foreseeable, typically occurring damage unless the delay in delivery is not based on an intentional violation of the contract on our part.

3. In the event that a delay in delivery on our part is based upon a culpable violation of a fundamental contractual obligation in which our representatives or assistants are responsible, we are liable according to legal regulations with the proviso that in this case the liability for damages is limited to the foreseeable, typically occurring damage.

4. Apart from that the purchaser is entitled in case of a delay in delivery on our part to assert claims for each completed week of delay in the amount of 3 % of the delivery value, nevertheless, not more than a maximum of 15 % of the delivery value.

5. A further liability for a delay in delivery on our part is excluded. Further legal claims and rights of the purchaser that he is entitled to apart from the delay in delivery on our part remain unaffected.

6. We are entitled to partial deliveries and partial performances at all times insofar as these are reasonable for the customer.

7. In the event of default of acceptance by the purchaser, we are entitled to claim compensation for resulting damages and additional expenses. The same is in effect if the purchaser culpably violates his obligation to co-operate. In the event of default of acceptance or debtor's delay, the danger of accidental deterioration and accidental sinking is transferred to the purchaser.

V. Passing of risk – Shipping/Packaging

1. Loading of goods and shipping take place uninsured at purchaser's risk. We will do our best to take requests and interests of the purchaser with regard to mode of shipment and dispatch route into consideration; additional costs caused hereof - also in cases of agreed freight paid delivery - are at the expense of the purchaser.

2. We do not take back transport package or other packaging according to the regulation on packaging; with the exception of pallets. The purchaser has to take care of the disposal of the packaging at his own expense.

3. In the event that the shipping is delayed by request or by fault of the purchaser, we will store the goods at the risk and expense of the purchaser. In this case, the announcement of readiness for delivery is equal to shipping.

4. We will conclude a transport insurance for the delivery upon the request and the expense of the purchaser.

VI. Warranty/Liability

1. Claims for defects of the purchaser are only valid if the purchaser has fulfilled his obligations to investigate and to notify defects according to § 377 HGB (German commercial code)

2. In case there is a defect for which we are responsible, we are obligated to a supplementary performance excluding the purchaser's rights to withdraw from the contract or to reduce the purchase price, unless we are entitled to refuse a supplementary performance according to legal regulations. The purchaser has to grant us an appropriate period of time for a supplementary performance. A supplementary performance can be carried out by rectification of the defect or by delivery of new goods. In case of a rectification of the defect, we will pay all necessary expenditures as far as these expenditures do not increase due to the fact that the subject matter of the contract is at a different place than the place of delivery. In case that a supplementary performance has failed, the purchaser has the choice to reduce the purchase price or to declare his withdrawal from the contract. A supplementary performance is regarded as regarded as a failure after a second futile attempt unless further attempts of supplementary performance are appropriate to the subject matter of the contract and reasonable for the purchaser. The purchaser is only entitled to claims for damages due to a defect according to the subsequent conditions if the supplementary performance has failed. The right of the purchaser to enforce further claims for damages according to the subsequent conditions remains unaffected hereof.

3. The warranty claims of the purchaser become time-barred one year after delivery of the goods at the purchaser's delivery place, unless we have maliciously concealed a defect; in this the legal regulations do apply. Our obligations from section VI, clause 4 and section VI, clause 5 remain unaffected hereof.

4. According to the legal regulations, we are obligated to retract the new goods or to reduce the purchase price even without the otherwise necessary setting of a deadline if the customer of the purchaser, in his function as consumer of the sold movable objects (sale of consumer goods), is able to claim the retraction of the goods or a reduction of the purchase price due to a defect of this product or if the purchaser is confronted with a right of recourse resulting from that same matter. In addition, we are obligated to reimburse expenses of the purchaser, especially transportation costs, road costs, labour costs and material costs that he had to bear in relationship to the end consumer within the bounds of supplementary performance due to an existing defect of the product at the time of the passing of risk from us onto the purchaser. This claim is excluded if the purchaser has

not orderly fulfilled his obligations to investigate and to notify defects according to § 377 HGB (German commercial code).

5. The obligation according to section VI, clause 4 is excluded as far as the defect results from advertising messages or other contractual agreements that do not originate from us, or if the purchaser has given the end consumer a special warranty. Likewise, the obligation is excluded if the purchaser himself was not obligated to exercise warranty rights towards the end consumer, or if he has not objected to this non-binding claim posed to him. The same is in effect if the purchaser has exercised warranties towards the customer which exceed the legal regulations.

6. We are liable without restriction according to legal regulations for damages to life, body and health caused by a negligent or intentional neglect of duty by us, our legal representatives or our assistants, as well as for damages covered by the liability under the German Product Liability Act. We are liable according to legal regulations for damages that are not included in sentence 1 resulting from a breach of contract caused wilfully or by gross negligence or fraudulent intent by us, our legal representatives or our assistants. Nevertheless, in this case the liability for damages is limited to the foreseeable, typically occurring damage as far as we, our legal representatives or our assistants have not acted with intent. In the extent that we have given a guarantee of quality and/or durability with regard to goods or specific parts thereof, we are also liable within the limits of this warranty. For damages that are based on the absence of guaranteed quality or durability but do not occur directly at the goods, we are only liable if the risk of such damages is evidently included by the guarantee of quality and durability.

7. We are also liable for damages caused by slight negligence, provided that such negligence concerns the violation of contractual obligations the fulfilment of which is of particular importance for the attainment of the contract's purpose (cardinal obligations). However, we are only liable if the damages are typically related to the contract and are of a foreseeable nature.

8. Any further liability is excluded, regardless of the legal nature of the asserted claim; this fact especially applies to tort liability claims or claims for compensation of futile expenditures instead of performance; our liability according to section IV, clause 2 to section IV, clause 5 of this contract remains unaffected from this. Insofar as our liability is excluded or limited, this fact also applies to the personal liability of our staff, employees, co-workers, representatives and assistants.

9. The warranty claims of the purchaser due to a defect become time-barred one year after delivery of the goods. This is not the case if we, our legal representatives or our assistants are responsible for damages to life, body and health, or if we and our legal representatives have acted with intent or gross negligence, or if our simple assistants have acted with intent.

VII. Reservation of proprietary rights

1. Until all of the claims have been settled, including all claims on current account balances that we are entitled to at present or in the future, the delivered goods (goods subject to retention) remain our properties. In case that the purchaser acts against the contractual regulations, e.g. delay of payment, we have the right to take back the goods subject to retention after previously setting an appropriate period of time. If we take back the goods subject to retention then this constitutes a withdrawal from the contract. We are entitled to utilise the goods subject to retention after the retraction. After deduction of an appropriate amount for the costs of utilisation, the sales proceeds have to be set off against the amount owed by the purchaser.

2. The purchaser has to handle the goods subject to retention with care and insure the goods at his own expense in a sufficient way to their value as new against damages caused by fire, water and theft. Maintenance and inspection works that may become necessary have to be carried out by the purchaser in time and at his own expense.

3. The purchaser is entitled to process and/or sell reserved goods in orderly business activities as long as the purchaser is not overdue on payment. Pledging or chattel mortgages of the goods are not permitted. Any claims (including all claims on current account balances) arising from resale or any other legal reason (insurance, tort) with reference to the goods subject to retention are herewith already transferred by the purchaser to us to their full extent for the purposes of security; we accept the transfer herewith. We authorise the purchaser to collect all claims assigned to us in the purchaser's name and on the purchaser's account. The direct debit authorisation may be revoked anytime if the purchaser does not orderly fulfil his payment obligations. The purchaser is not entitled to transfer this claim, including the purpose of a debt collection in the course of factoring, unless the obligation of the factor can be simultaneously be justified to effect the payment in the amount of the claims directly to us for as long as we have claims against the purchaser.

4. Processing or re-building of the goods subject to retention by the purchaser will be carried out for us in any case. If the goods subject to retention are processed together with other objects which are not our property, we acquire a share in the ownership on the new object in proportion to the value of the goods subject to retention (total amount of the invoice including VAT) with the other used objects at the time of their processing. For the new object resulting from this processing applies the same as for the goods subject to retention. In the case of an inextricable blending of the goods subject to retention with other objects that are not our property, we acquire a share in the ownership on the new object in proportion to the value of the goods subject to retention (total amount of the invoice including VAT) in relation to the other blended objects at the time of their blending. If the object of the purchaser must be regarded as the main object due to the processing, we and the purchaser agree that the purchaser transfers a proportional share in the ownership on the object to us; we accept the transfer herewith. The purchaser is responsible for the safekeeping of our arisen sole or joint ownership on the object.

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 our property and immediately notify us so that we enforce our rights of ownership. If the third party should not be able to refund us for the court costs or the costs out of court that arise in this context, the purchaser is liable for these expenses.

6. We are obliged to release the securities entitled to us insofar as the marketable value of our securities exceeds the claims to be safeguarded by more than 10 %, while we remain entitled to chose the securities to be released.

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

1. Place of fulfilment and exclusive place of venue for deliveries and payments (including actions on cheques and bills) as well as all disputes between us and the purchaser resulting from contracts concluded is our office, insofar as the purchaser is a merchant in the terms of the German commercial code (HGB). Nevertheless, we are also entitled to bring an action against the purchaser at his place of residence and/or business location.

2. The privity of contract is solely governed by law of the Federal Republic of Germany. The application of the German standardized law on the international purchase of movable items as well as the law governing the conclusion of international sales agreements for movable items is excluded.



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