

TECHNICAL DATA SHEET



WIKO® SUPER GLUE



CYANOACRYLATE ADHESIVES SPECIAL SURFACE

High initial strength for customised applications.

WIKO® SPECIAL SURFACE SUPER GLUE instant adhesives have been developed for special applications and are used where universal instant adhesives do not achieve optimum results.

WIKO® SPECIAL SURFACE SUPER GLUE adhesives are available in different viscosities and speeds, allowing customisation to specific requirements.

- Increased moisture resistance
- Clean, almost invisible bonds
- For porous surfaces and absorbent materials - universally applicable

Technical properties uncured product

	SUPER GLUE 5	SUPER GLUE 300	SUPER GLUE 1000	SUPER GLUE 6000
Chemical base:	Ethyl-2-cyanoacrylate monomer	Ethyl-2-cyanoacrylate monomer	Ethyl-2-cyanoacrylate monomer	Ethyl-2-cyanoacrylate monomer
Colour:	transparent	transparent	transparent	transparent
Viscosity ¹⁾ [mPas]:	2 to 10	250 to 350	800 to 1.250	5.000 to 7.000
Density ²⁾ [g/ml]:	1,04 to 1,06	1,04 to 1,06	1,04 to 1,06	1,04 to 1,06
Flashpoint ³⁾ [°C]:	+87	+87	+87	+87
Application temperature [°C]:	optimal at +23	optimal at +23	optimal at +23	optimal at +23

1) At 25 °C, Brookfield viscometer

2) Measured according to DIN 53217

3) Measured according to DIN 51755

Cured⁴⁾

	SUPER GLUE 5	SUPER GLUE 300	SUPER GLUE 1000	SUPER GLUE 6000
Fixing time (joined):				
NBR rubber [s]:	1 to 3	1 to 3	3 to 5	< 18
Stainless steel [s]:	10 to 15	10 to 15	25 to 30	20 to 40
Leather [s]:		5 to 15		
Final strength after [h]:	24	24	24	24

4) according to GLUETEC testing method for cyanoacrylate

Technical properties hardened product

	SUPER GLUE 5	SUPER GLUE 300	SUPER GLUE 1000	SUPER GLUE 6000
Tensile shear strength ⁵⁾ [N/m²]:	15 to 25	15 to 25	15 to 25	15 to 25
Service temperature range [°C]:	-10 to +40	-10 to +40	-10 to +40	-10 to +40
Temperature range [°C]:	-40 to +85	-40 to +85	-40 to +125	-40 to +85
Optimal gap:	Zero gap	Zero gap	Zero gap	Zero gap
Solubility:	DMF, Acetone, Acetonitrile	DMF, Acetone, Acetonitrile	DMF, Acetone, Acetonitrile	DMF, Acetone, Acetonitrile

5) Tested to GLUETEC AA-310

Sizes

The WIKO® SPECIAL SURFACE SUPER GLUE is available in the container sizes 20g, 50g and 500g.

Accessories / article number

WIKO® SUPER GLUE ACTIVATOR	100402
WIKO® SUPER GLUE PRIMER	100463
WIKO® SUPER GLUE FILLER	103974
WIKO® SUPER GLUE REMOVER	103903
WIKO® INDUSTRIAL FAST CLEANER	100134

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Areas of application

	SUPER GLUE 5	SUPER GLUE 300	SUPER GLUE 1000	SUPER GLUE 6000
Ceramic			✓	✓
Rubber			✓	✓
Soft rubber	✓			
Plastic rubber	✓			
Metal		✓	✓	
Plastic	✓	✓	✓	✓
Caoutchouc	✓			
Foam rubber	✓			
Foam		✓		
Wood		✓		✓
Cork		✓		✓
Leather		✓		
Cardboard		✓		
Elastomers		✓		

Storage & Durability

Storage temperature: +2 °C to +10 °C (e.g. in the fridge)

Shelf life: 12 months (SUPER GLUE 300: max. 6 months); in the original, unopened container

Storage conditions:

- a higher storage temperature results in a significantly shorter shelf life;
- the storage temperature must not fall below +2 °C;
- protect the product from direct sunlight, heat and humidity;
- During the shelf life, slight condensation may form on the bottle even when the container is unopened. This has no effect on the product's properties.

Information about application

- The surfaces to be bonded must always be free from dust, oil, grease or other contaminants. Always use WIKO® INDUSTRIAL QUICK CLEANER and a lint-free cleaning cloth to ensure the process runs smoothly.
- Please also take into account the flash-off times of the cleaner used.
- The adhesive and the substrates to be bonded should be at a temperature between +18°C and +25°C prior to application in order to optimise the bond strength.
- Not suitable for bonding low-energy plastics, e.g. PP, PI, PTFE

Safety data sheets

Please refer to the current data sheet for safety-relevant data.
Click or scan the QR-Code.



<https://www.sumdat.net/sida/#/a2b46gmd>

SPECIAL SURFACE
1000 FLEXIBEL



<https://www.sumdat.net/sida/#/rfydrzi>

SPECIAL SURFACE
5, 300, 6000 FLEXIBEL

Note:

Please note the information and notes in our respective safety data sheets. The data contained herein are for informational purposes only and are believed to be accurate to the best of our knowledge. We assume no liability for the results. For optimum functionality of the adhesive system, please only use the cartridge and mixer systems tested and released by GLUETEC. The product is only suitable for professional and experienced users. It is the user's own responsibility to take precautions to protect property and people from the hazards that may be encountered in handling and using these products. Accordingly, GLUETEC specifically disclaims any warranty, expressed or implied, including any warranty or suitability commitments for a particular purpose. In particular, GLUETEC disclaims all liability for consequential or indirect damages of any kind.