

TECHNICAL DATA SHEET



WIKO® SUPER GLUE USER FRIENDLY

CYANOACRYLATE ADHESIVES USER FRIENDLY



WIKO® SUPER GLUE USER FRIENDLY instant adhesives are ideal for modelling and for bonding with Styropor®. They have a non-blooming property and are available in different viscosities and speeds.

Products in the GLUETEC USER FRIENDLY LINE are particularly user and environmentally friendly: they not only protect the health and environment of users, but also significantly reduce costs for occupational safety measures and disposal.

- Odourless - non-efflorescent
- No labelling required
- Clean and almost invisible bonding
- No corrosive effect on modelling Styrofoam®

Technical properties uncured product

	SUPER GLUE 5 UF	SUPER GLUE 100 UF	SUPER GLUE 1000 UF
Chemical base:	2-Methoxyethyl-2-cyanacrylat	2-Methoxyethyl-2-cyanacrylat	2-Methoxyethyl-2-cyanacrylat
Colour:	transparent	transparent	transparent
Viscosity ¹⁾ [mPas]:	5 to 10	70 to 130	800 to 1.300
Density ²⁾ [g/ml]:	1,09 to 1,11	1,09 to 1,11	1,09 to 1,11
Flashpoint ³⁾ [°C]:	+90	+90	+90
Application temperature [°C]:	optimal to + 23	optimal to + 23	optimal to + 23

1) At 25 °C, Brookfield viscometer

2) Measured according to DIN 53217, part 2 density sphere model 475/III

3) Measured according to DIN 51755

Curing⁴⁾

Fixing time (joined):	SUPER GLUE 5 UF	SUPER GLUE 100 UF	SUPER GLUE 1000 UF
NBR rubber [s]:	10 to 15	10 to 15	10 to 15
Stainless steel [s]:	20 to 40	40 to 60	50 to 60
Final strength after [h]:	24	24	24

4) according to GLUETEC test method for cyanoacrylate

Technical properties cured product

	SUPER GLUE 5 UF	SUPER GLUE 100 UF	SUPER GLUE 1000 UF
Tensile shear strength ⁵⁾ [N/m²]:	14 to 20	14 to 20	14 to 20
Service temperature range [°C]:	-10 to +40	-10 to +40	-10 to +40
Temperature range [°C]:	-40 to +85	-40 to +85	-40 to +85
Optimal gap:	Zero gap	Zero gap	Zero gap
Solubility:	DMF, Acetone, Acetonitrile	DMF, Acetone, Acetonitrile	DMF, Acetone, Acetonitrile

5) Tested to GLUETEC AA-310

Container sizes

WIKO® SUPER GLUE USER FRIENDLY is available in 20 g, 50 g or in a 500 g bottle.

Accessories / Item 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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Storage & Durability

Storage temperature: +2 °C to +10 °C (e.g. in the fridge)
Shelf life: 9 months; in the original, sealed 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.

Application

- The surfaces to be bonded must always be free from dust, oil, grease or other contaminants. Always use WIKO® INDUSTRIAL FAST 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/#/asrq3fff>

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.