

TECHNICAL DATA SHEET



CYANOACRYLATE ADHESIVES one-component



LONG LIFE SUPER GLUE 100 LL

High beginning strength for individual possible applications.

WIKO SUPER GLUE LONG LIFE superglues are developed for special applications and are used where universal superglues do not provide an optimal result. WIKO SUPER GLUE LONG LIFE superglues are available in different viscosities and speeds. This way there is a suitable adhesive for almost every application. Compared to other industrial superglues, LONG LIFE adhesives score with a higher durability of up to 24 months.

- Fast hardening in less than 5 seconds
- Very high storage stability
- Increased moisture resistance
- Stable on paper and cardboard - no soaking
- Clean, almost invisible bonding
- For absorbent materials, leather, cardboard, cork, wood, foam, plastic, elastomers and metal

Technical Properties of Uncured Product

Chemical base:	Ethyl-2-cyanoacrylate monomer
Colour:	transparent
Viscosity ¹⁾ [mPas]:	80-130
Density ²⁾ [g/ml]:	1,04-1,06
Flashpoint ³⁾ [°C]:	>+81
Application temperature [°C]:	optimal at +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

Technical Properties of Hardened Product

Tensile shear strength ¹⁾ [N/mm ²]:	15 – 25
Service temperature range [°C]:	-10 to +40
Temperature range [°C]:	-40 to +100
Optimal gap:	Zero gap
Solubility:	DMF, Acetone, Acetonitrile

1) Tested to GLUETEC AA-310

Accessories / Article number

SUPER GLUE AKTIVATOR	SGAK
SUPER GLUE PRIMER	SGP
SUPER GLUE REMOVER	SGR

Cured*

Fixing time (joined):

NBR rubber [s]:	1-3
Stainless steel [s]:	24-40
Final strength after [h]:	24

Size / Article number

20 g Bottle	SG100LL.F20
50 g Bottle	SG100LL.F50
500 g Bottle	SG100LL.F500

Storage & Durability

The shelf life is, at the optimum storage temperature of +2 °C to +10 °C (e.g. in the fridge) in the closed original container, a maximum of 24 months. A higher storage temperature leads to a significantly lower durability. The storage temperature must not fall below +2 °C. Protect the product from direct sunlight or heat, frost and humidity.

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Application

The surfaces to be bonded should always be free of dust, oil, grease or other contaminants. Always use the WIKO INDUSTRIAL FAST CLEANER (Art. No. AISR.D400) to ensure an ideal process. Use the recommended cleaning agents and a lint-free cleaning cloth for cleaning. Please also consider the flash-off times of the used cleaner. The adhesive and the substrates to be bonded should have a temperature between +18 °C and +25 °C before processing to optimise the bonding strength.

Safety Data Sheets

Please refer to the current data sheet for safety relevant data.
Click or scan here:



Note:

Please pay attention to the information and notes in our respective safety data sheets. The data contained herein is for information purposes only and is believed to be reliable to the best of our knowledge. We accept no liability for the results. For optimum functionality of the adhesive system, please use only cartridge and mixer systems tested and approved by GLUETEC. The product is only suitable for professional and experienced users. It is the user's responsibility to take precautionary measures to protect property and persons from the dangers that may arise during the handling and use of these products. Accordingly, GLUETEC specifically disclaims all warranties, express or implied, including any warranty obligations or guarantees of suitability for a specific purpose. GLUETEC specifically disclaims any liability for consequential or indirect damages of any kind.

*according to GLUETEC test method for cyanoacrylates