

TECHNICAL DATA SHEET

Klebfix 4-in-1 superglue

Art. no. 0893 094

P. Qty.: 1 / 25

Universal superglue with brush applicator for extremely thin, flat adhesive application.

For bonding wood, cork, laminates, felt, leather, textiles, porcelain, ceramics, tiles, concrete, bituminous substrates, aerated concrete, gypsum, gypsum plasterboard, HPL, cement fibreboard, enamel, glass, paper, cardboard, ferrite, sintered metals with and among each other, all other metals, polar plastics such as ABS, PMMA, PC, PVC and rubber. See instructions for non-polar plastics.



Chemical basis	Cyanoacrylate acidic ester
Colour	Transparent
Density	1.05 g/cm ³
Min./max. tensile strength/conditions	20-30 N/mm ² /in accordance with DIN 53288
Min./max. tensile strength	20-30 N/mm ²
Min. combined tension and shear resistance	15 N/mm ²
Max. gluing gap size	0.25 mm
Min./max. temperature resistance	-40 to +120 °C
Min./max. processing temperature	5 to 35 °C
Silicone-free	Yes
Solvent-free	Yes
Shelf life from production/conditions	12 Month/at room temperature
Contents	3.8 ml
Weight of content	4 g

Application area

Universal superglue with brush application for very thin, flat adhesive application.

The cyanoacrylate structural adhesive is especially suitable for porous, absorbent materials and for uneven, rough component surfaces as well as for metal, plastic and rubber.

Ideal for connecting very thin and small surfaces. Typical bondings are profile rubbers for wooden as well as plastic windows, chipped edging strips, wooden models, wooden toys, leather seat covers, glass / metal bondings.

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		Klebfix	Klebfix Plasto	Klebfix Flex	Klebfix 4-in-1	Klebfix 4-in-1 Brush application	Klebfix GEL	Klebfix 2C
		089309 0893090 08930900 0893090030	0893091	0893092	0893423	0893094	0893403 08934031	0893093090
Metal	Aluminium	●2	-	●2	●2	●2	●2	●
	Lead	-	-	●	●	●	●	-
	Stainless steel	-	-	●	●	●	●	●
	Copper	●	-	●	●	-	-	●
	Brass	-	-	●	●	-	-	●
	Steel/iron	●	-	●	●	●	-	●
	Zinc	-	-	●	●	●	●	●
Plastics	ABS	-	●	-	●	●	●	●
	GRP	●	●1	-	-	●	●	●
	EPDM	●	-	●	-	-	●	-
	Rubber	●	-	●	●	●	●	●
	Dense foams	-	●1	●1	-	●1	●1	●
	Neoprene	-	-	●	-	-	-	●
	PE	-	●1	-	●1	●1	●1	●1
	PMMA	-	●	●	●	●	●	●
	Polyamide	-	-	-	-	-	-	●
	Polycarbonate = PC	●	-	●	●	●	●	●
	Expandable polystyrene	-	●1	●1	●	●	●	●
	PP	-	●1	-	-	-	●	●1
	PTFE	-	●1	-	-	-	-	-
	PU	-	●	-	-	-	-	●
	PVC	-	●	●	●	●	●	●
	Silicone	-	-	●1	-	-	-	-
	Polystyrene	-	●1	●1	-	-	-	●
Painted surfaces	Painted surfaces	-	-	-	-	●	●	●
Wood and engineered wood	Wood (MDF, chipboard)	-	-	-	●	●	-	●
	Laminated panels (Resopal, Ultrapas)	-	-	●	●	●	●	●
	Decorative panels	-	-	-	-	-	-	●
	Cork	●	●	●	●	●	●	-
1. With primer 0893 091 5 2. With activator 0893 301 20								

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Stone and construction materials	Concrete	-	-	-	●	●	●	-
	Bituminous substrates	-	-	-	●	-	-	-
	Aerated concrete, gypsum, gypsum plaster-board	-	-	-	●	●	●	-
	Artificial stone (Corian, Varicor)	●	-	●	-	-	-	●
	HPL	-	-	●	●	●	●	-
	Natural stone (marble, granite)	● 1	-	●	-	-	●	●
	Stone	-	-	-	-	-	●	-
	Cement fibre-boards	-	-	-	●	●	●	-
Others	Enamel	● 1	-	●	-	-	-	-
	Glass	●	-	●	●	●	●	●
	Fibreglass	-	-	-	●	●	-	●
	Mirror	● 1	-	●	-	●	●	-
	Porcelain, ceramic, tiles	●	-	●	●	●	●	●
	Paper	-	-	●	●	●	●	●
	Cardboard	-	-	●	●	●	●	●
	Mesh	-	-	-	●	●	-	●
	Leather	-	-	-	●	●	-	-
1. With primer 0893 091 5 2. With activator 0893 301 20								

Application information

The parts to be bonded must be clean, Free of grease and dry. Apply a thin, even layer of adhesive to just one of the surfaces to be bonded. Apply sufficient pressure to make the connection immediately, in order to ensure complete contact.

The best adhesive results are achieved using superglue primer (art.no.: 0893 091 0). Use the activator (art. no.: 0893 301 20) to speed up the reaction of cyanoacrylate adhesives.

Activator can usually be used on all kinds of substrates, but please test it beforehand on a concealed section for compatibility.

Notice

- It is advisable to wear protective gloves and safety goggles.
- thanks to the high vapour pressure and moisture on the surrounding surfaces, a white deposit may appear around the point

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of adhesion (blooming effect). These are adhesive vapours that are hardening. These can be removed with e.g. acetone. However, it is important to ensure that the surfaces of the parts to be cleaned are also resistant to acetone. Blooming can be prevented / reduced by using the adhesive economically and ensuring sufficient air humidity and ventilation in the work area.

Scherfestigkeitswerte nach DIN 83283		
Material	Aushärtezeit	Scherfestigkeitswerte
Stahl	<60 Sekunden	13,3 N/mm ²
Neopren	<10 Sekunden	Materialbruch
ABS	10-15 Sekunden	Materialbruch
EPDM	<10 Sekunden	Materialbruch
Balsaholz	10-20 Sekunden	Materialbruch

Handfestigkeit nach	
Material	Aushärtezeit
Stahl	<60 Sekunden
Neopren	<10 Sekunden
ABS	10-15 Sekunden
EPDM	<10 Sekunden
Balsaholz	10-20 Sekunden
Aushärtegeschwindigkeit wird durch Verwendung des Aktivators beschleunigt	

The usage instructions are recommendations based on the tests we have conducted and on our experience; carry out your own tests before each application. Due to the large number of applications and storage and processing conditions, we do not assume any liability for a specific application result. Insofar as our free customer service provides technical information or acts as an advisory service, no responsibility is assumed by the provision of this service except where the advice or information given falls within the scope of our specified, contractually agreed service or the advisor was acting deliberately. We guarantee the consistent quality of our products. We reserve the right to make technical changes and further develop products. Please observe the technical data sheet!