

TECHNICAL DATA SHEET

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Super Fast Glue – Cyanoacrylate structural adhesive

Super glue for bonding metal, plastic and rubber parts to each other.

Fields of application:

For bonding metal, plastic and rubber parts to each other.

Properties:

- Bonds in seconds
- Easy handling thanks to the ergonomic bottle shape which enables easy one-handed use.
- Practical special cap for clean working without blockage of the opening
- High level of resistance to ageing and weathering
- Solvent- and silicone-free

Certificates/test reports:

- NSF-registered, class P1, reg. no. 1519933
- NSF-tested in accordance with NSF/ANSI 61 for use in service water and drinking water

Substrates:

Metal, plastic, rubber, all common elastomer types (solid or foam rubber), in particular for SBR, EPDM, GFK, EPDM, polycarbonate etc., as well as cork, artificial and natural stones, enamel, glass, mirrors, porcelain and ceramics.

Application:

The parts to be adhered must be clean, free from grease and dry.

Apply a thin, even layer of adhesive to just one of the surfaces to be adhered. Apply sufficient pressure to make the connection immediately, in order to ensure complete contact.

Use the activator (item no.: 0893 301 20) to speed up the reaction of Würth cyanoacrylate adhesives. This can usually be used on all kinds of substrates, but please test it beforehand on a concealed section for compatibility.

TECHNICAL DATA SHEET

Technical data:

Chemical basis	Cyanoacrylate acid ethyl ester	
Colour	Transparent	
Bonding gap	Max. 0.1 mm	
Viscosity*	30 to 110 mPa·s	
Shore A hardness (DIN 53505)	>85	
Density	1.06 g/cm ³	
Hardening time	60 to 90 seconds	aluminium/aluminium
	2 to 4 seconds	SBR/SBR
	10 to 15 seconds	Polycarbonate/Polycarbonate
	5 to 9 seconds	EPDM/EPDM
	Using the activator accelerates the hardening speed	
Final strength	after approx. 24 h	
Processing temperature	+5°C to +35°C	
Temperature resistance	-30°C to +80°C	
Flash point (DIN 55213)	87°C	
Resistant to	Alcohols from C ₂ , non-polar solvents, water (pH 4-9)	
Shelf life	12 months (at room temperature)	

*at 25°C

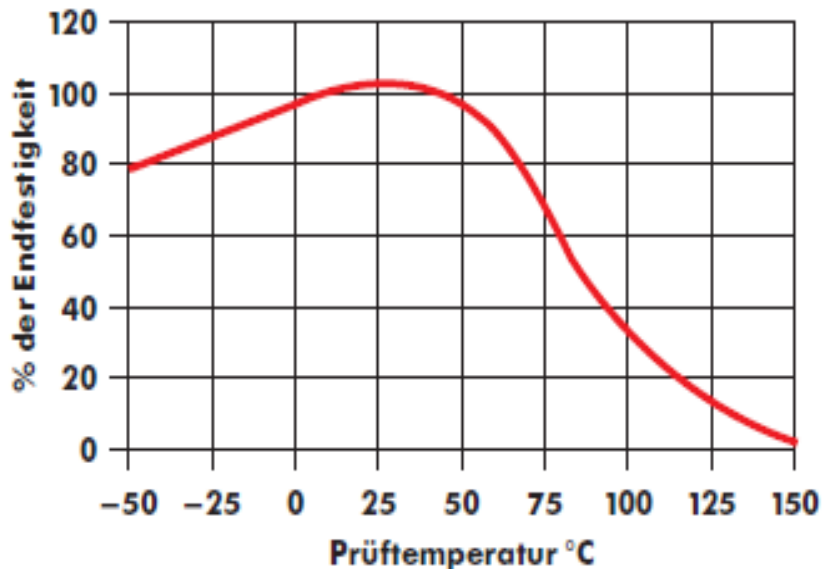
Tensile shear strength (DIN EN 1465)

Material	Typical bonding times	Typical tensile shear strength values (N/mm ²)
Steel	60-90 seconds	>22 N/mm ²
Aluminium	60-90 seconds	>16 N/mm ²
PA	20-30 seconds	8-12 N/mm ²
PVC	20-30 seconds	10-20* N/mm ²
Polycarbonate	10-15 seconds	10-20* N/mm ²
POM	30-40 seconds	-
EPDM	5-9 seconds	>10* N/mm ²
Neoprene	3-5 seconds	>10* N/mm ²

*Material breakage

TECHNICAL DATA SHEET

Tensile shear strength in accordance with DIN EN 1465 (after 24 hours at test temperature)



Remarks:

- It is advisable to wear safety gloves and safety glasses.
- If surfaces are too dry or acidic, this will delay or prevent hardening, while higher levels of moisture and alkaline surfaces will have an accelerating effect.
- Due to the vapour pressure of the liquid adhesive, slow curing excess product around the adhesive area may result in a white deposit (blooming effect). These are adhesive vapours that are hardening. These can be removed with e.g. isopropanol or acetone. However, it is important to ensure that the surfaces of the parts to be cleaned are also resistant to these solvents. Blooming can be prevented/reduced by using the adhesive economically and ensuring sufficient air humidity and ventilation in the work area.

TECHNICAL DATA SHEET

This advice is based on our own research and experience. It is provided in good faith and can be considered reliable. However, due to the diverse processing, application and handling possibilities, the information provided may not be considered legally binding. The same applies to the information provided by our technical and commercial customer service.

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