

Instant Adhesive GP 80

PROPERTIES

Instant Adhesive GP 80 is a middle viscosity cyanoacrylate adhesive and universally applicable. Good bonding characteristics with rubbers, plastics and metals.

Instant Adhesive GP 80 is a one-component-adhesive, easy to handle and fast curing at room-temperature. Resistant against humidity and solvents.

OVERVIEW

- curing at room-temperature
- no blooming, leaves no white edge
- humidity-resistant and solvent-resistant

PHYSICAL SPECIFICATIONS		
Properties	Unit	Value
Colour (visual):		Clear
Basis:		Ethyl
Viscosity:	mPa *s	90-120
Density:	g/mm ³	1,05
Gap fill:	mm	up to 0,15
Flash point:	°C	>81
Full cure:	Std	24
Curing performance: Balsa, nitrile, neoprene, EPDM, PVC:	Sec.	5-10
Steel, polycarbonate:	Sec.	10-40
Shearing strength: Blast-cleaned steel, corroded aluminum, nitrile rubber, polycarbonate:	N/mm ²	10-15
Tensile strength: Blast-cleaned steel:	N/mm ²	>18
Nitrile rubber, neoprene, EPDM:	N/mm ²	>2,5-5

PROCESSING

Cyanacrylate adhesives should be applied in drops out of dropper bottles or dosing equipment.

After application, join the surfaces under light contact pressure.

The adhesive's polymerization begins after just a few seconds.

The optimal ambient temperature for bonding is between +20° and +25°C and with 50 - 60% of relative air humidity.

Cold can slow down the curing speed.

With **accelerator spray GP** (Art. No. 7100020) the curing of the adhesive can be accelerated, especially with large layer thicknesses, inactive materials (e. g. wood) and unfavourable processing conditions (e. g. very dry air or cold).

We also offer **dosing points** (e. g. Art. No. 7100090) for precise dispensing.

Preparation of the adhesive surfaces

For perfect bonding clean surfaces are necessary.

Generally, surfaces should be free of oil, fat and dirt.

FORM OF DELIVERY

Instant adhesive GP 80 20 g	Bottle	Article no. 7100001
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PRECAUTIONARY MEASURES

NOTE:

Cyanacrylate: Danger!

Bonds skin and eyes within seconds.

Keep out of reach of children.

For further information, please consult the product safety data sheet.

Safety data sheets are deposited in the Internetshop under www.goessl-pfaff.de with the respective product.

STORAGE

Instant Adhesive GP 80 should be kept with a storage temperature of 2 °C to 8 °C.

The expiration date is indicated on the product labels.

INFORMATION

The information in this technical data sheet result from research and tests conducted in our laboratories under precise conditions. It is the responsibility of the user to determine the suitability of Gößl + Pfaff GmbH products, under their own conditions before commencing with the proposed application. Gößl + Pfaff GmbH guarantee the conformity of their products with their specifications but cannot guarantee the compatibility of a product with any particular application. Gößl + Pfaff GmbH disclaim all responsibility for damage from any incident which results from the use of these products. The responsibility of Gößl + Pfaff GmbH is strictly limited to reimbursement or replacement of products which do not comply with the published specifications.