

**UHU®****SUPER GLUE FLEX-GEL****HIGH-PERFORMANCE SUPER GLUE GEL WITHOUT IRRITATING VAPORS IN A RECYCLED TUBE****PRODUCT DESCRIPTION**

High-performance super glue gel without irritating vapors and without solvents. Suitable for flexible and shock-resistant bonds. Remains adjustable for 20sec\* and does not drip. Ideal for porous surfaces. Dishwasher proof and water resistant. Bonds rubber, leather, ceramics, fabrics, soft PVC etc. \*depending on material, humidity, applied quantity. Tube and closure 100% recycled, plastic-free outer packaging.

**FIELD OF APPLICATION**

Ideal for small-area bonds. Glues almost all solid and flexible materials such as leather, rubber, many plastics (like PVC, ABS, PS, Plexiglas®, polycarbonate (Makrolon®), and phenolic resins (Bakelite®)), porcelain, ceramics, wood, metal, cork, felt, cloth (check suitability first), and Styrofoam®. Only partly suitable for glass (over a certain period of time the bond becomes brittle, causing it to weaken).

Not suitable for PE, PP, silicone resins, PTFE, fabrics and clothing.

**PROPERTIES**

- Flexible
- Shock and impact resistant
- Does not drip
- Odour free
- Solvent-free
- Waterproof
- 100% recycled tube and closure
- plastic-free outer packaging

**PREPARATION**

**Working Conditions:** Do not use at temperatures below +10 °C. The glue responds best to an air humidity level of 50-70 %.

**Surface Requirements:** Surfaces to be glued must be clean, dry, and free of dust and grease, and must fit exactly.

**Preliminary Surface Treatment:** Any dust, oil, grease, wax or separating agent should be thoroughly removed from the surfaces to be stuck together. The best way to achieve this is to rub the parts a number of times with appropriate solvents, such as acetone (if suitable for the material – check first!). For metals and metal alloys it is usually sufficient to roughen the surface using emery paper or by grinding or brushing.

**APPLICATION****Directions for use:**

1. To pierce the membrane, turn the cap clockwise firmly onto the tube. Tip: do not press the tube while piercing. 2. Unscrew the cap to reveal the applicator. Apply the adhesive directly from the tube, using the nozzle, as thinly as possible onto one side (too much glue slows down the curing process significantly). Press parts together immediately. After use, clean nozzle with a dry tissue and replace cap.

**Stains/residue:** Wipe off excess glue immediately with a dry cloth. After curing, glue residue is very difficult to remove. Acetone will dissolve glue but very slowly (check suitability first).

**Advice:** When glueing at low humidity, curing time can be shortened by briefly breathing onto one of the parts to be assembled. The best glueing results are reached at room temperature.

**Points of attention:** Contains cyanoacrylate. Bonds skin and eyelids together in seconds. Keep out of the reach of children.

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.



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## TECHNICAL SPECIFICATIONS

Chemical base:	Methoxy Cyanoacrylate
Colour:	Clear
Consistency:	Gel (thixotropic)
Density approx.:	1,07 g/cm <sup>3</sup>
Filling capacity:	Limited
Final bond strength (Alu):	22 N/mm <sup>2</sup>
Final bond strength after:	24 hours
Flexible:	Yes
Initial Bonding after:	20-60 seconds. This might vary, based on circumstances, like materials, temperature and humidity.
Minimum temperature resistance:	-50 °C
Maximum temperature resistance:	100 °C
Moisture resistance:	Good
Solvent free:	Yes
Viscosity:	Medium viscosity
Water resistance:	Very good

## PHYSIOLOGICAL PROPERTIES

Cyanoacrylate adhesives are to a great extent considered to be physiologically safe.

## STORAGE CONDITIONS

Store in a dry, cool, frost-free place. Storage below +5 °C (in refrigerator) ensures maximum shelf life.

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