

GRANDFLASH GF 1200 CA (Cyanoacrylate) Adhesive, universal, high viscosity



The New Generation Cyanoacrylate:

- odorless
- no blooming
- high adhesion
- simple application
- transparent application for PMMA
- remains flexible
- quick hand strength
- no impairment of electronic components

The values are average values. They serve merely for your information, but assume no warranty

| Basis: | Methoxyethyl Cyanoacrylate |
|-----------------------------|----------------------------|
| Viscosity 25° (Brookfield): | about 1200-1500 мРа.s |
| Density: | about 1,11 g/cm3 |
| Color: | transparent, colorless |
| Cap filling: | 0,2 – 0,3 mm |
| Fixture time: | about 10 – 120 seconds |
| Full strenght: | 24 h |
| Temperature resistence: | - 40°C to + 80°C |
| | |

Fixture / shear strength: Fixture / shear strength:

| Pinewood: | 35 sek. |
|----------------|----------|
| Beech wood: | 25 sek. |
| Oak wood: | 105 sek. |
| ABS: | 20 sek. |
| Polycarbonate: | 35 sek. |
| PVC: | 30 sek. |
| PMMA: | 150sek. |
| Steel: | 10 sek. |
| ALU: | 30 sek. |

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Stand März 16 The information in this product has been compiled to the best of our knowledge and is intended purely for information purposes. No claims can be inferred therefrom. Before use, thorough experiments should be carried out. Our brochure represents a basis. Responsibility for possible measures to protect property and persons lies with the user. Safety data sheets on the required standard are available for all products on request.



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SHEAR STRENGHT:

Steel: Aluminium: PVC: Polycarbonate: ABS: PMMA: Pinewood: Beech wood: Oak wood: 9,2-13,9 N/mm2 2,8 -4,8 N/mm2 5,3 - 7,8 N/mm2 8,2-9,8 N/mm2 12 -13 N/mm2 6 - 8 N/mm2 10-13,7 N/mm2 9,0 -12,3 N/mm2 9,6-11,7 N/mm2 (Material breach)

Fields of application:

Newly developed production method for bonding a wide variety of material compounds (metal, rubber, wood, cardboard, ceramics and most plastics) and among each other.

Despite residual flexibility **GRANDFLASH GF 1200** achieves very high strengths in most materials.

Instructions for use:

The parts to be bonded must be clean, oil and grease. **GRANDFLASH GF 1200** thinly on one side and add and press together the parts to be joined together. The parts should be positioned as closely as possible because of the low partial fixing time. The hand strength is around 5 - reaches 90 seconds, and the ultimate strength after about 24 hours. **GRANDFLASH GF 1200** cures at room temperature in combination with humidity. The optimum relative humidity should be around 65%. In order to accelerate the curing, our GRANDFLASH activator can be used. For materials such as PP, PE, PTFE or silicone parts such as have our GRANDFLASH primers are pretreated.

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Storage:

cool, dry, dark, optimum temperature: 4°C – 8°C.

RoHS compliant

Packaging: 20 g, 50g, 500g Flaschen.

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