



GRANDFLASH GF 1000
 CA (Cyanoacrylate) Adhesive, universal,
 medium 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 120-250 mPa.s
Density:	about 1,12 g/cm ³
Color:	transparent, colorless
Cap filling:	>0,1 mm
Fixture time:	about 10 – 120 seconds
Full strenght:	24 h
Temperature resistance:	- 40°C to + 80°C

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 1000** achieves very high strengths in most materials.



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Instructions for use:

The parts to be bonded must be clean, oil and grease. **GRANDFLASH GF 1000** 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 1000** 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.

Fixture / shear strength: Fixture / shear strength:

Pinewood:	35 sek.
Beech wood:	25 sek.
Oak wood:	70 sek.
ABS:	30 sek.
Polycarbonate:	40 sek.
PVC:	55 sek.
PMMA:	160sek.
Steel:	10 sek.
ALU:	130 sek.
Textile:	45 sek.
Leather:	15 sek.
Cork:	15 sek.
Carton:	15 sek.

Shear strenght:

Textile:	0,8 N/mm
Leather:	3,7 N/mm
Cork:	X
Carton:	X
	(Material breach)

Steel: 10-12 N/mm²

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Aluminium:	2,8 -4,6 N/mm ²
PVC:	6,7-6,9 N/mm ²
Polycarbonate:	8,3-9,4 N/mm ²
ABS:	11,9-12,1 N/mm ²
PMMA:	3,2 – 4,7 N/mm ²
Pinewood:	10-12,4 N/mm ²
Beech wood:	12,5 -14,9 N/mm ²
Oak wood:	9,6-10,1 N/mm ² (Material breach)

Storage:

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

RoHS compliant

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