



## GRANDFLASH GF 25 CA (Cyanoacrylate) Super Glue



**GRANDFLASH GF 25** cyanoacrylate super glue with a wide adhesive spectrum is designed for special applications and is used in applications where universal glues achieve a non-optimal result.

**GRAND FLASH GF 25** is extremely moisture resistant and does not soften paper or cardboard.

### Application:

Electrical/ electronic industry  
EPDM seals in window, door and façade  
Automotive  
Shipbuilding  
Household appliances production  
Shoe industry  
Furniture industry  
Advertising techniques  
Medical technology  
Orthopaedics  
Jewellery industry  
Optical goods industry  
etc.

### SPECIAL PROPERTIES:

Very good wetting of the substrate  
Hard adhesive joint  
Short fixing time  
Good UV-stability  
Highly frost- and heat-resistant  
Short time to reach functional strength for assembly works

### PHYSICAL PROPERTIES:

<b>Main Component:</b>	Ethylcyanoacrylate
<b>Viscosity:</b>	20-30 mPa.s
<b>Density:</b>	1,05 g/cm <sup>3</sup>

### TYPICAL PROPERTIES:

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■ [www.grandflash.de](http://www.grandflash.de)



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<b>Appearance:</b>	clear, transparent
<b>Curing Time:</b>	24 h
<b>Solubility:</b>	DMF, acetonitrile, acetone
<b>Temperature Range:</b>	- 40°C up to + 80°C

### FUNCTIONAL CURING:

<b>APTK/EPDM:</b>	2-4 sec.
<b>Neoprene:</b>	1-3 sec.
<b>Nitrile Rubber:</b>	1-3 sec.
<b>ABS:</b>	3-5 sec.
<b>Polycarbonate:</b>	3-10 sec.
<b>Steel:</b>	5-20 sec.

### TENSILE SHEAR STRENGTH:

<b>Steel:</b>	> 15 N/mm <sup>2</sup>
<b>Aluminium:</b>	> 10 N/mm <sup>2</sup>
<b>Nitrile Rubber:</b>	> 10 N/mm <sup>2</sup>
<b>Polycarbonate:</b>	> 6 N/mm <sup>2</sup>
<b>ABS:</b>	> 6-10 N/mm <sup>2</sup>

### TENSILE STRENGTH:

<b>EPDM:</b>	> 2-5 N/mm <sup>2</sup>
<b>Neoprene:</b>	> 5 N/mm <sup>2</sup>
<b>Nitrile Rubber:</b>	> 5 N/mm <sup>2</sup>

### STORAGE:

Store original packagings tightly closed, dry without direct sun radiation.

Optimum storage at temperatures from +2°C up to +15°C.

Storage life in unopened original packagings at this temperatures: min.12 month, at the normal

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temperatures from 16°C up to 22°C: min. 6 months. During the storage time, viscosity is increasing, reactivity is decreasing.

### PACKAGING:

1-3 g PE bottle or tube, 20 g, 50 g, 250 g and 500 g PE bottles.  
Other packaging units on request.