

## **GRANDFLASH GF 15** Universal Instant CA (Cyanoacrylate) Adhesive



**GRANDFLASH GF 15** instant cyanoacrylate adhesive with a wide adhesive spectrum for the applications in trade and industry, is suitable not only for bonding of plastics, rubber, metal but also porous and absorbent materials such as wood, cork, paper, leather, ceramics, etc. **GRANDFLASH GF 15** is suitable for a quick, clean and virtually invisible application.

#### **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 oft he substrate Hard adhesive joint Short fixing time Good UV-stabillity Highly frost- and heat-resesting Short time to reach functional strength for assembly works

Stand März 16

#### **PHYSICAL PROPERTIES:**

Main Component: Viscosity: Density: Ethylcyanoacrylate 20-30 мРа.s 1,06 g/cm3

### **TYPICAL PROPERTIES:**

Grand Flash GmbH■ Mainblick 47 G, D-65779 Kelkheim/Taunus■ Tel. 0174 948 90 69 ■ info@grandflash.de

www.grandflash.de

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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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clear, transparent

 $-40^{\circ}$ C up to  $+80^{\circ}$ C

DMF, acetonnitrile, acetone

M58

81°C

24 h

< 5 sec. < 5 sec.

< 5 sec.

7-10 sec.

10-15 sec.

25-40 sec.

Appearance: Hardness (Rockwell): Softening Range Curing Time: Solubility: Temperature Range:

**FUNCTIONAL CURING:** 

APTK/EPDM: Neoprene: Nitrile Rubber: ABS: Polycarbonate: Steel:

### **TENSILE SHEAR STRENGTH:**

Steel:	15-25 N/mm2
Aluminium:	7-10 N/mm2
Nitrile Rubber:	5-10 N/mm2
Polycarbonate:	5-10 N/mm2
ABS:	6-10 N/mm2
TENSILE STRENGTH:	

EPDM:	2-6 N/mm2
Neoprene:	5-15 N/mm2
Nitrile Rubber:	5-15 N/mm2

## STORAGE:

Store original packagings tightly closed, dry without direct sun radiation. Optimum storage at temperatures from  $+2^{\circ}$ C up to  $+15^{\circ}$ C.

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

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