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

PHYSICAL PROPERTIES:

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

TYPICAL PROPERTIES:

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Appearance:	clear, transparent
Hardness (Rockwell):	M58
Softening Range	81°C
Curing Time:	24 h
Solubility:	DMF, acetonnitrile, acetone
Temperature Range:	- 40°C up to + 80°C

FUNCTIONAL CURING:

APTK/EPDM:	< 5 sec.
Neoprene:	< 5 sec.
Nitrile Rubber:	< 5 sec.
ABS:	7-10 sec.
Polycarbonate:	10-15 sec.
Steel:	25-40 sec.

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°C up to +15°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.