

TTP POLSKA Sp. z o.o.

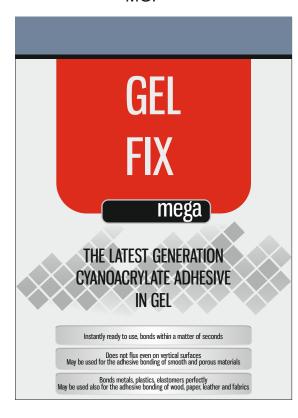
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MEGA GEL-FIX

MGF



CAUTION

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GENERAL INFORMATION

MEGA GEL-FIX is designed for bonding materials that are difficult to bond, requiring the transfer of even stress and stretch and/or shearing resistance. This product guarantees quick adhesive bonding of various materials (even under water), e.g. metals, plastics elastomers. The gel consistency prevents the adhesive fluxing even on vertical surfaces. **MEGA GEL-FIX** may also be used for adhesive bonding of various materials, e.g.: wood, paper, leathers or fabrics.

TECHNICAL DATA

Chemical compound: ethyl cyanoacrylate
Uncured form: clear gel, slightly clouded
Components: single-component — does not require mixing
Viscosity: high, thixotropic
Curing: atmospheric humidity
Curing speed: bonded material dependent

PARAMETERS OF CURED MATERIAL

Cured for 30 s at 22°C
Tensile strength (DIN 6922):
NBR rubber N/mm² ≥6.0 (psi) (870)

Cured for 72 h at 22°C Tensile strength (DIN 6922): NBR rubber N/mm² 15.1 (psi) (2,190)

Shearing resistance, ISO 4587:
Steel (after blast cleaning) N/mm² 20.9 (psi) (3,030)
Etched aluminium N/mm² 17.1 (psi) (2,480)
Zinc bichromate N/mm² 11.5 (psi) (1,670)
ABS * N/mm² 8,3 (psi) (1,200)
PVC * N/mm² 7,1 (psi) (1,030)
Phenolic plastic * N/mm² 12.3 (psi) (1,780)
Polycarbonate N/mm² 7.7 (psi) (1,120)
Nitrile rubber * N/mm² 1.3 (psi) (190)
Polychloroprene * N/mm² 1.1 (psi) (160)
Block shearing resistance, ISO 13445:
Polycarbonate N/mm² 9.6 (psi) (1,390)
ABS N/mm² 23,3 (psi) (3,380)
PVC N/mm² 3,3 (psi) (480)
Phenolic plastic * N/mm² 6.7 (psi) (970)
*destruction of material

USAGE

All industries. Manufacture of plastics toys. Photo and picture frames. Ventilation ducts. Furniture decorative elements. Handles and grips of steel elements. Repair of polychloroprene elements. Plastic bearings in clutches. Rubber profiles. Adhesive bonding of toothed wheels and rolls with metals or plastics. O-rings (many types).

CLASSIFICATION

Article code	Name	Packaging	Туре
MGF	mega GEL-FIX	tube 20 g	adhesives, sealants

TTP POLSKA - Top Technical Products Autonomic Group



