



## MEGA GEL-FIX

MGF



### CAUTION

All information, including illustrations, are reliable. However, the users should evaluate the usability of each product for a given application. TTP Polska Sp. z o.o. does not guarantee the accuracy of all information and does not accept responsibility for how the products are used. The liabilities of TTP Polska Sp. z o.o. are limited solely to the standard terms and conditions of sale of the product and in no case whatsoever does TTP Polska Sp. z o.o. bear any responsibility for accidental or indirect damages resulting in the sale, use and improper use of the product.

## 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 flowing 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/mm<sup>2</sup> ≥6.0 (psi) (870)

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

Shearing resistance, ISO 4587:  
Steel (after blast cleaning) N/mm<sup>2</sup> 20.9 (psi) (3,030)  
Etched aluminium N/mm<sup>2</sup> 17.1 (psi) (2,480)  
Zinc bichromate N/mm<sup>2</sup> 11.5 (psi) (1,670)  
ABS \* N/mm<sup>2</sup> 8.3 (psi) (1,200)  
PVC \* N/mm<sup>2</sup> 7.1 (psi) (1,030)  
Phenolic plastic \* N/mm<sup>2</sup> 12.3 (psi) (1,780)  
Polycarbonate N/mm<sup>2</sup> 7.7 (psi) (1,120)  
Nitrile rubber \* N/mm<sup>2</sup> 1.3 (psi) (190)  
Polychloroprene \* N/mm<sup>2</sup> 1.1 (psi) (160)  
Block shearing resistance, ISO 13445:  
Polycarbonate N/mm<sup>2</sup> 9.6 (psi) (1,390)  
ABS N/mm<sup>2</sup> 23.3 (psi) (3,380)  
PVC N/mm<sup>2</sup> 3.3 (psi) (480)  
Phenolic plastic \* N/mm<sup>2</sup> 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	Type
MGF	mega GEL-FIX	tube 20 g	adhesives, sealants

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