

# FAF

## UNIVERSAL SUPERGLUE

- Based on cyanoacrylate-ethylester
- Bonds in seconds
- Insensitive to inactive and difficult surfaces
- Precise dosage tip - reclose able
- Solvent free
- No blooming
- Suitable for all kinds of materials and applications
- No heating - no soldering - no mixing
- High tensile shear strength - shows no shrinkage
- Very economical - the thinner the adhesive, the stronger the joint
- NSF certified



### Notice

All information including images are given with the greatest care. Still, it is appropriate to users regardless of the test the suitability of each product for their own purposes. Tech-Masters is not liable for the completeness and accuracy of information and refuses warranty for your specific use. The guarantee, which Tech-Masters products provide, relates only to the standard conditions of sale of this product. In no case Tech-Masters can be held responsible for incidental damages, or damages for improper use or sale of the product to another customer.

# FAST FIX

## General Information

FAST FIX is a special ethylester-cyanoacrylic acid based adhesive which is solvent free and has a very fast curing time on almost all kinds of materials. Because it is very insensitive to inactive and difficult surfaces compared to normal and universal grades, FAST FIX cures surly at all applications and conditions.

FAST FIX is resistant to solvents, oils, benzene, temperature fluctuations and atmospheric conditions. FAST FIX is suitable for various materials and applications.

## Technical Information

Aggregate State: Liquid  
 Colour: colourless  
 Odour: characteristic  
 Flash point: > 80 °C  
 Density: 1,06 g/cm<sup>3</sup> (20 °C)  
 Water solubility: Immiscible  
 Dynamic viscosity: 70 - 120 mPa·s (25 °C)  
 Physical Properties (cured film)  
 Tensile Shear Strength on:  
 Steel / steel: > 20 N/mm<sup>2</sup> DIN EN 1465  
 Tensile Force on round rubber profiles:  
 SBR / SBR - rubber ø18mm: > 1800 N  
 SBR / SBR 10 Tage/70°C: > 1800 N  
 EPDM / EPDM - rubber ø16mm: > 250 N

EPDM / EPDM 10 Tage/70°C: > 220 N  
 Thermal Range: - 35°C up to +100°C  
 Melting point: +165°C  
 Fixture time on:  
 Aluminium: ≤ 50 sec.  
 SBR-rubber: ≤ 5 sec.  
 Polycarbonate: ≤ 12 sec.  
 EPDM-rubber: ≤ 10 sec.  
 Final strength: 24 hours

Shelf life: 12 months at room temperature, always keep the lid closed, store under shade away from direct heat.  
 Safety measures: consult the Safety Data Sheet.

## Application and Use

- FAST FIX provides an exceptionally strong bond between almost all kinds of materials,
- For best results use FAST FIX in the following way:
  1. Surfaces have to be clean from dust and oil/grease etc. Clean the surface with Safety Clean and Multifoam (Powerfoam) to have the best preparation before gluing.
  2. Apply FAST FIX in very thin layers on both surfaces you want to bond. (to have a faster curing time and for difficult and porous surface spray FAST FIX Aktivator on the surface before applying and let it dry out)
  3. Press the two surfaces together immediately.
  4. High pressure ensures that FAST FIX is applied on all surface in a thin layer
  5. DO NOT move the work piece until FAST FIX start curing (this lasts only second)
  6. Remove fresh FAST FIX from applied surface with FAST FIX REMOVER.
  7. Close the lid immediate that no humidity gets into the bottle of FAST FIX, this enlarges the shelf live.
- On porous surfaces, fast curing process or difficult materials, we recommend the use of FAST FIX AKTIVATOR.
- For higher gaps filling opportunities use FAST FIX FILLER
- For difficult surfaces like Polyethylene (PE), Polypropylene (PP) or PTFE use FAST FIX PRIMER before applying FAST FIX.

For the best adhesion on aluminum please roughen/sand the aluminum first.

Article nr	Name	Content	Shelf Life	Catalog
T501011	Fast Fix Remover 20g	20g	see imprint + 36 months	ADHESIVES AND SEALANTS
T501012	Fast Fix Aktivator 150ml	150ml	see imprint + 36 months	ADHESIVES AND SEALANTS
T501013	Fast Fix Filler 30g	30g	see imprint + 12 months	ADHESIVES AND SEALANTS
T501014	Fast Fix Primer 50ml	50ml	see imprint + 36 months	ADHESIVES AND SEALANTS
T501020	Fast Fix Easy 20g	20g	see imprint + 12 months	ADHESIVES AND SEALANTS
T501050	Fast Fix Easy 50g	50g	see imprint + 15 months	ADHESIVES AND SEALANTS
T501205	Fast Fix Gel 20g	20g	see imprint + 12 months	ADHESIVES AND SEALANTS

