

# TECHNICAL INFORMATION

## **DESCRIPTION**

M300M Instant is a medium viscosity cyanoacrylate developed for demanding high speed wicking applications. Excellent adhesion and cure speed on difficult to bond plastics and rubbers and contaminated or acidic surfaces.

## **APPLICATIONS**

High performance wicking and bonding of close-fitting parts including: plastics, rubbers, metal, wood, leather, fabric and composites to themselves or in various combinations.

## **USEFUL HINTS/NOTES**

Bond time is extremely fast, align parts prior to assembly. Also for locking parts that are pre-assembled.

## **PROPERTIES**

Very low Viscosity

Speed: . . . . .	Metal/Metal	<20seconds
	Plastic/Plastic	<10 seconds
	Rubber/Rubber	<5 seconds

## **INSTRUCTIONS FOR USE**

Test on non-essential portion to ensure compatibility first. Ensure parts are clean, dry and free from oil and grease. Product is applied direct from the bottle. Apply sparingly to one side and hold parts together until handling strength is achieved. Bonding can be immediate so careful, speedy alignment of parts is required. Store in a cool area out of direct sunlight. Refrigeration to 40 F gives optimum storage stability.

## **COMPATIBLE ACCELERATORS/PRIMER**

MH16 Activators can be used for fillet cure or for priming absorbent surfaces.

## **MEDIUM INSTANT M300M Super Fast/High Performance**

## **TECHNICAL FEATURES**

Resin: . . . . . Alkyl Cyanoacrylate  
Color: . . . . . Clear  
Cure Speed with Activator: . . . . . < 5 seconds  
Cure Speed without Activator: . . . . . 2- 20 seconds\*  
Viscosity : . . . . . 200-400 cps  
Gap Fill: . . . . . .002"  
Flash Point: . . . . . >185°F  
Shelf Life: . . . . . 24 months @ 40°F  
Specific Gravity: . . . . . 1.06  
Max. Operating Temperature: . . . . . -65°F to + 185°F  
\* Depending on substrate

## **CURED PERFORMANCE**

Full Cure Time: . . . . . 24 hours @ 68°F  
Tensile Shear Strength: . . . . . 3000-3700 psi

## **STORAGE**

Store in a cool area out of direct sunlight. Refrigeration to 40 F gives optimum storage stability.

## **PRESENTATION**

Bottles: . . . . . 10gm, 1oz, 2oz 4oz, 8oz

## **HEALTH & SAFETY IN USE**

Contains Cyanoacrylate bonds skin and eyes in seconds. If accidental skin bonding happens, use Debonder M68DB and wash with warm soapy water and rise skin apart using a blunt instrument (such as a teaspoon handle). In case of eye contact, bath immediately with water and seek immediate medical attention.

**KEEP OUT OF REACH OF CHILDREN**

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M300M**

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