

# CA60 Instant Adhesive

Engineering Adhesives

## DESCRIPTION

CA60, is a low viscosity cyanoacrylate for rapid bonding of plastics, rubbers and elastomers and its low viscosity will wick between pre-assembled parts.

<b>Physical Properties (liquid product)</b>	
Chemical base:	Ethyl Cyanoacrylate
Colour:	Clear
Viscosity:	5-20cps
Specific Gravity	1.05 g/cm <sup>3</sup>
Max. gap filling:	0.1mm
Flash point:	>81°C
Temp Range:	-54°C to 82°C
Cure Speed With Activator: (Nitrile Rubber)	Instant
Cure Speed Without Activator: (Nitrile Rubber)	5-10 seconds
<b>Typical Properties</b>	
Shear Strength	
Steel to Steel (Mild Steel)	>15 N/mm <sup>2</sup>
Rubber to Rubber (Nitrile Rubber)	>10 N/mm <sup>2</sup>
Plastic to Plastic: (Polycarbonate)	>6 N/mm <sup>2</sup>
Tensile strength: (Mild Steel)	>18 N/mm <sup>2</sup>

## APPLICATIONS

For example, Nitrile, Neoprene and natural rubbers can be bonded in 1-2 seconds and all the bonds are stronger than the material itself. Plastics such as ABS, soft PVC, Polyacetal, EPT and EVA all bond in 1-2 seconds and the bonds are stronger than the material being bonded. Metals such as Steel, Aluminium, Copper and Brass all bond in under 5 seconds.

## LIMITATIONS

### DIRECTIONS FOR USE

For best results, degrease/abrade and make sure the surfaces are clean and free from dirt, dust and contamination, such as mould release agents. Apply a thin film or drop to one surface only and bring parts together holding firmly for a few seconds until the parts achieve a handling strength.

### COMPATIBLE ACTIVATORS , ACCELERATORS & PRIMERS

Activator A113 can be used for fillet cure or for priming absorbent surfaces. Primer A701 can be used to assist with difficult to bond materials.

### PACKAGING

Bottles: 20gm, 50gm, 500gm,  
Bulk: 20kg

### STORAGE & SHELF LIFE

Store in a cool area out of direct sunlight  
Shelf Life: 12 months @ 20°C



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Recommended Storage Temperature 10-22°C

## HEALTH & SAFETY

For further information please refer to Safety Data Sheet

Contains: Ethyl-2-Cyanoacrylate

