

CA01 Instant Adhesive

Engineering Adhesives

DESCRIPTION

CA01 is a high viscosity ethyl based superglue for bonding where gap fill is important. CA01 is versatile and will bond most plastics, rubbers and metals. Because of its viscosity CA01 allows additional bonding time prior to cure.

Physical Properties (liquid product)	
Chemical base:	Ethyl Cyanoacrylate
Colour:	Clear
Viscosity:	1800-2600cps
Specific Gravity	1.05
Max. gap filling:	0.25mm
Flash point:	>85°C
Temp Range:	-54°C to 82°C
Cure Speed With Activator: (Mild Steel)	<5 seconds
Cure Speed Without Activator: (Mild Steel)	20-30 seconds

Typical Properties	
Shear Strength	
Steel to Steel (Mild Steel)	>15 N/mm ²
Rubber to Rubber (Nitrile Rubber)	>10 N/mm ²
Plastic to Plastic: (Polycarbonate)	>6 N/mm ²
Tensile strength: (Mild Steel)	>18N/mm ²

APPLICATIONS

Typical applications are ferrite cores, magnets, loud speaker cones, leather trims, metal badges and electronic components.

Only apply adhesive to one side. Apply pressure firmly for a few seconds until the bond forms. Allow to cure before putting into use.

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



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

STORAGE & SHELF LIFE

Store in a cool area out of direct sunlight

Shelf Life: 12 months @ 20°C

Recommended Storage Temperature 10-22°C.

HEALTH & SAFETY

For further information please refer to Safety Data Sheet

Contains: Ethyl-2-Cyanoacrylate

