

CA25 Instant Adhesive

Engineering Adhesives

DESCRIPTION

CA25 Instant Adhesive is an Ethyl based general purpose cyanoacrylate designed to bond most metals, plastics, elastomers and some ceramics. Cure times vary according to the materials being bonded fixing in under 5 seconds with activator.

Physical Properties (liquid product)	
Chemical base:	Ethyl Cyanoacrylate
Colour:	Clear
Viscosity:	55-75cps
Specific Gravity	1.05
Max. gap filling	0.1mm
Flash point:	>81 °C
Temp Range:	-54 °C to 82 °C
Cure Speed With Activator: (Steel)	Instant
Cure Speed Without Activator: (Steel)	30-45 seconds

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

APPLICATIONS

Because CA25 is the most common superglue in use, the applications are many. Typical applications are in magnets, loudspeaker parts, lampshades, plastic fans to plastic motor housings, cord rubber bonding into "O" rings. CA25 is also used widely in the electronics and the white goods industry.

LIMITATIONS

Not recommended for large gap filling.

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 and 10gm Pen

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



CA25 Instant Adhesive

Engineering Adhesives

HEALTH & SAFETY

For further information please refer to Safety Data Sheet

Contains: Ethyl-2-Cyanoacrylate

