

CA44 Instant Adhesive

Engineering Adhesives

DESCRIPTION

CA44 is a thixotropic Gel superglue for bonding a wide range of materials such as metals, plastics and elastomers. It's non-drip formulation is ideal for vertical application and will not run. CA44 is fast setting and suited for many bonding applications.

Physical Properties (liquid product)	
Chemical base:	Ethyl-2-Cyanoacrylate
Colour	Clear
Viscosity	100,000cps – 150,000cps
Specific Gravity	1.05
Max. gap filling	0.05mm
Flash point:	>81°C
Temp Range:	-54°C to 82°C
Cure Speed with Activator:	<10 seconds
Cure Speed without Activator (Mild Steel):	23-35 seconds
Physical Properties (Cured product) @ 23°C	
Tensile Strength (Mild Steel)	18N/mm ²

Typical Properties	
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

APPLICATIONS

Where vertical surfaces with large gaps are being bonded.

LIMITATIONS

Where a fast cure is needed, A113 Activator will help cure the thickness and speed cure the adhesive. However, a reduction in ultimate bond strength will be found.

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

SCIGRIP CA44 is supplied in a 20gm Aluminium Tube

STORAGE & SHELF LIFE

Store in a cool area out of direct sunlight

Shelf Life: 6 months @ 20°C

Recommended Storage Temperature 10-22°C

HEALTH & SAFETY

For further information please refer to Safety Data Sheet

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