



Cyanoacrylate Series

DESCRIPTION

Scigrip® engineering range of Cyanoacrylate Adhesives, also known as Instant Adhesives, cure very quickly when confined between two surfaces, giving strong bonds in seconds.

Cyanoacrylates will bond similar or dissimilar materials and come in a wide range of viscosities and cure speeds.

BENEFITS

- Cure quickly at room temperature
- Excellent transparency after curing
- Bonds a wide variety of materials

Product	Description	Viscosity	Temp Range	Cure Speed	Cure Speed with Activator	Shear Strength (Steel)	Shear Strength (Rubber)	Shear Strength (Plastic)	Tensile Strength
CA01	Small Gap filling High Viscosity	1800 – 2600cPs	-54 - 82°C	20 – 30s	< 5s	>15MPa	>10MPa	>6MPa	>18MPa
CA25	General Purpose Medium Viscosity	55 – 75cPs	-54 - 82°C	30 – 45s	Instant	>15MPa	>10MPa	>6MPa	>18MPa
CA41	Surface Insensitive, Medium Viscosity	110 – 130cPs	-54 - 82°C	30 – 40s	Instant	>15MPa	>10MPa	>6MPa	>8MPa
CA44	Thixotropic Gel	100000cPs +	-54 - 82°C	< 35s	< 10s	>15MPa	>10MPa	>6MPa	>18MPa
CA60	Surface Insensitive Low Viscosity	5 – 20cPs	-54 - 82°C	< 10s	Instant	>15MPa	>10MPa	>6MPa	>18MPa
CA4061	Difficult to bond Plastic Bondner	10 – 15cPs	-55 - 95°C	25s	Instant	>15MPa	>5MPa	>6MPa	>8MPa

APPLICATIONS

Metals, plastics, wood, ceramics, rubbers, leather, paper, fabrics

Bond times will vary depending upon substrates being bonded.

DIRECTIONS FOR USE

- Surface preparation is the key factor to the success and performance of any adhesive.
- For best performance surfaces should be clean and free from oil and grease.
- Clean first with Scigrip A061 Cleaner and Degreaser.
- Apply adhesive to one side
- Bring parts together
- Apply pressure for a few seconds until bond forms
- Allow to fully cure before putting into use

The information contained herein is produced in good faith and is believed to be reliable but is for guidance only. SCIGRIP and its agents cannot assume liability or responsibility for results obtained in the use of its products by persons whose methods are outside or beyond our control. It is the user's responsibility to determine the suitability of any of the products and methods of use or preparation prior to use mentioned in our literature and furthermore the user's responsibility to observe and adopt such precautions as may be advisable for the protection of personnel and property in the handling and use of any of our products.



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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.

LIMITATIONS

Not recommended for large gap filling.

STORAGE & SHELF LIFE

Store in a cool area out of direct sunlight
Recommended storage temperature: 20°C
Shelf Life: 18 months from date of manufacture, with a minimum of 9 months upon delivery.

PACKAGING

Bottles: 20g, 50g, 500g
Bulk: 25Kg

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