



# C-BOND

## THICK

### DESCRIPTION

High viscosity (1200–1400 cps) cyanoacrylate glue designed for bonding of plastic, rubber, metal and wood. Its slower fixture time allows adjustment of parts during assembly.

### PHYSICAL PROPERTIES

Composition	Ethyl Cyanoacrylate
Viscosity (25°C -cps)	1200–1400 cps
Gap to fill (Microns)	10–200 Microns
Temperature range (°C)	-50°C to +80°C

### FIXTURE TIME

PVC	20–50 seconds
ABS	15–40 seconds
Steel	20–50 seconds
Zinc	40–100 seconds
Aluminum	10–30 seconds
NBR	<5 seconds

### PROPERTIES OF CURED MATERIAL (TYPICAL) FOR 24 HOURS AT 22°C

Tensile strength (ISO 6922):	18–25 (N/mm <sup>2</sup> )
Lap shear strength (ISO 4587):	13–18 (N/mm <sup>2</sup> )



## C-BOND THICK

### CHEMICAL RESISTANCE

SUBSTANCE	TEMPERATURE	AFTER 100H	AFTER 1000H
Motor Oil	40°C	EX	EX
Alcohol	25°C	EX	EX
Gasoline	25°C	EX	EX
Relative Humidity 90%	40°C	Discrete	Low

### DIRECTIONS FOR USE

Clean and degrease parts to bond.

Apply the glue to one part and fix two parts quickly.

Spread acceptable pressure to ensure the glue increase into a thin film.

Do not re-adjust until tolerable strength is accomplished.

### STORAGE

Product must be kept in a cool and dry room at 10°C to 20°C.

### SHELF LIFE

1 year in unopened packaging at +5°C / +27°C

### SAFETY AND HANDLING

Consult Material Safety Data Sheet (MSDS) before use.

NOTE: The data contained herein is obtained in CEC Corp Laboratories and is provided for the sole purpose of informing. We do not accept responsibility for the results obtained by others whose methods are not under our control. It is the user's responsibility to determine suitability for their purpose of any product mentioned herein. CEC Corp disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose. CEC Corp specifically disclaims any liability for consequential or incidental damages of any kind, including loss of profit.