

# Cyberbond

Cyberpoxy  
5000

TECHNICAL DATA SHEET



Cyberpoxy 5000 is a fast curing epoxy adhesive that develops handling strength in about 3 to 5 minutes and will cure rapidly in thin films at low temperatures. It is an excellent industrial adhesive characterized by a non-critical mixing ratio. Cyberpoxy 5000 will readily bond most plastics, metals, ceramics, paper, wood and some rubbers. It is ideally suited to applications in electronics, and general product assembly.

## Physical Properties - Liquid

Appearance	Clear (mixed)
Viscosity	15,000 +/- 1500cPs
Shelf Life	12 months unopened
Odor	Mild
Specific Gravity	1.16
RoHS Compliant?	Yes

## Curing Properties

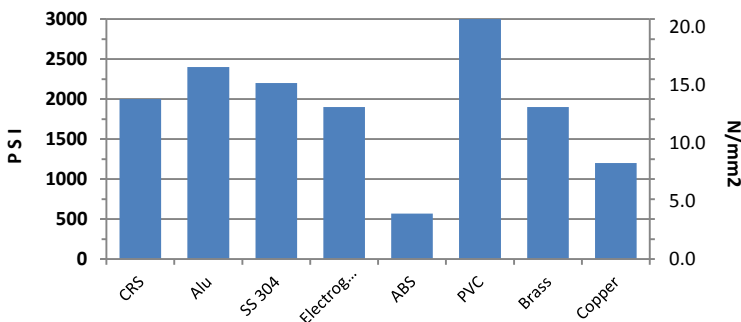
Open Time	3 -5 mins
Fixture Time	5 - 10 mins
Full Cure Time	@ Room Temp 24 hours
	@ 66°C 2 hours

## Physical Properties - Polymer (Solid)

Shore Hardness	79D
Operating Temperature	-40°F to 200°F
Elongation	n/a
Tg	n/a

## Performance Results

Substrate	N/mm <sup>2</sup>	PSI
CRS, abraded	13.8	2000
2024-T3 Aluminum, Acid Etched	16.5	2400
SS 304, abraded	15.2	2200
Electrogalvanized Steel, IPA wipe	13.1	1900
ABS, IPA wipe	3.9	570
PVC, IPA wipe	material failure	material failure
Brass, abraded	13.1	1900
Copper, abraded	8.3	1200



## Specifications and Approvals

None

### General Instructions

Surfaces to be bonded must be clean, dry and free of other contaminants. Measure out equal amounts of parts A and B and stir until homogenous or use a static mixing nozzle. Apply the uniform mixture to both surfaces. An optimum bond line is 5 mils. Allow to cure while being held in place with light clamping.

### Storage

Product should be stored in a cool dry place out of direct sunlight. Shelf life is 12 months when properly stored in unopened, original containers.

### Health Precautions

Avoid contact with skin and eyes. Wash with soap and water. Clean up spills with lacquer thinner. Consult msds before use.

**For safe handling information on this product, consult the Material Safety Data Sheet (MSDS)**

### Note

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