



Extreme 3000

GENERAL PURPOSE, 5 MINUTE EPOXY

Product Description

Extreme 3000 is a fast curing epoxy adhesive, which has handling strength in 3 to 5 minutes and will also cure rapidly in thin films or at low temperatures. It is an excellent industrial adhesive characterized by a non-critical equal ratio mixing range. **Extreme 3000** will readily bond most plastics, metals, ceramics, paper, wood, and some rubbers. It is ideally suited to applications in electronics, jewelry manufacturing, product assembly, and many aircraft uses

Why You Should Select this Adhesive

- Fast Curing
- Easy to Mix and Use
- Good Operating Temperature Range
- Bonds a Wide Variety of Materials

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. Adhesive will set in 3 to 5 minutes with handling strength developed in 5 to 10 minutes. Majority of cure will take place within 1 hour with full cure in 24 hours.

Shelf Life

One Year @ 70 – 77°F (room temperature) in original containers. STORE IN A COOL, DRY PLACE, AWAY FROM DIRECT SUNLIGHT.

Contact an **EXTREME ADHESIVES®** Adhesive Applications Specialist for further recommendations on adhesive selection.

Physical Properties

Typical Uncured Properties (liquid)

Applies to both the adhesive and activator sides

Viscosity	14000 cps
Specific Gravity	1.16 gm/cc
Color	Water white
Peak Exotherm, 100gms	150°C
Gel Time, 100gms	3 minutes
Operating Temp	-40°F to 200°F
Odor	Mild

Typical Cured Properties (solid)

Shore D Hardness

10 minutes	15
20 minutes	52
1 hour	72
24 hours	79

Performance Results

Shear Strength (ASTM D1002)	
Substrate/Surface Preparation	Strength (psi)
CRS, Abraded	2000
2024-T3 Aluminum, Acid Etched	2400
SS 304, Abraded	2200
Electro galvanized Steel, IPA wipe	1900
ABS, IPA wipe	570
PVC, IPA wipe	490 (material failure)
Brass, Abraded	1900
Copper, Abraded	1200

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