



# Extreme 3030

## GENERAL PURPOSE, MEDIUM CURE SPEED EPOXY

### Product Description

**Extreme 3030** is a medium curing epoxy adhesive, which will have handling strength in 30 to 45 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 3030** will readily bond most plastics, metals, ceramics, paper, wood, and some rubbers. It is ideally suited for potting and encapsulating applications for electronic components and assemblies.

**Extreme 3030** is well suited for bonding applications in jewelry manufacturing, product assembly, and many aircraft uses. When cured **Extreme 3030** also seals against dust, dirt, and contamination from foreign particles due to its superior gap filling capabilities.

### Why You Should Select this Adhesive

- Medium Cure Speed
- 1:1 Mix Ratio
- Cures at Low Temperatures
- Bonds a Wide Range of Materials

### Shelf Life

Store in a cool, dry area. Shelf life is one year when stored at 70 – 77°F (room temperature) in original containers.

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

### Physical Properties

#### Typical Uncured Properties (liquid)

Viscosity	14000 cps
Specific Gravity	1.19 gm/cc
Color	Clear
Peak Exotherm, 100gms	150°F
Gel Time, 100gms	30 minutes
Solids by weight	100%
Mix Ratio	1:1

#### Typical Cured Properties

Operating Temperature	-40°F to 200°F
CRS, Abraded	2400 psi
Aluminum, Acid Etched	2800 psi
Stainless steel, Abraded	2600 psi
Galvanized steel, IPA wipe	2300 psi
ABS, IPA wipe	630 psi
PVC, IPA wipe	500 psi
Brass, Abraded	2100 psi
Copper Abraded	1500 psi
Shore D Hardness	83

### Instructions for Use

Measure out equal volumes or weight of **Extreme 3030** parts A&B. If in tubes, squeeze out equal lengths of material. Stir thoroughly until mix looks uniform. Apply to both sides of cleaned surfaces and use light pressure to obtain a uniform bond line. A slight amount of material should be allowed to seep out at the edges of the parts. An optimum bond line is about 5 mils. Allow adhesive to cure while being held in place with light clamping; this should take about 30 to 50 minutes. The part may be handled in 25 to 30 minutes. Complete cure is achieved after 24 hours.

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