



# Extreme 3015B

## Black Potting Epoxy

### Product Description

**Extreme 3015B** is a general purpose, black epoxy which provides excellent adhesions to metals such as aluminum, copper, steel, brass, and galvanized steel. Exhibits good adhesion for a variety of bonding applications. Can also be used in potting applications.

Although it is best to clean and prepare most bonded surfaces for improved adhesion, **Extreme 3015B** can work successfully in many applications with out preparation.

### Why You Should Select this Adhesive

- Excellent Chemical Resistance
- Excellent Moisture Resistance
- Low Exotherm, Low Shrinkage
- Low viscosity, Self Leveling

### Instructions for Use

Combine resin and activator in equal volume and mix thoroughly. For convenience and accuracy use pre measured cartridges with disposable static mixers. Open time is 6-10 minutes. Product will fixture in approximately 15-20 minutes. Full cure 24 hours.

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	12,000 cps mixed
Specific Gravity	1.19 gm/cc
Color	Black
Solvents	None
Mix Ratio	1 : 1
Fillers	no

#### Typical Cured Properties (solid)

Shore D Hardness	82
Thermal Service Range	-67°F to 250°F
Chemical Resistance	excellent
Dielectric Strength, Volts/Mil	>450
Dielectric Constant	
1 KHz @ 25°C	4.10
100 KHz @ 25°C	3.80
Dissipation Factor	
100 KHz @ 25°C	0.01

### Shelf Life

12 months at 68°F when stored and sealed in original containers.

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