



## TC-1606 A/B EPOXY POTTING COMPOUND

### PRODUCT DESCRIPTION:

TC-1606 is a very low viscosity, black epoxy-potting compound. It has a long work life, excellent bubble release properties and can be injected through a small diameter tube such as a hypodermic needle. Thermal shock resistance is another advantage of TC-1606.

### PHYSICAL PROPERTIES:

Hardness, Shore D .....	75
Water Absorption, (%) 24 Hours @ 77°F (25°C), ASTM D 543 .....	0.30
Tensile Strength, (psi) ERF 6-69 .....	7600
Tensile Elongation, (%) ERF 6-69.....	6.0
Specific Gravity, ERF 3-69.....	1.05

### ELECTRICAL PROPERTIES:

Dielectric Constant, 1 MC, ASTM D-150.....	3.8
Dissipation Factor, 1 MC, ASTM D-154 .....	0.025
Volume Resistivity, (ohm cm.) ASTM D-257	
@77°F (25°C).....	$7 \times 10^{14}$
@150°F (66°C).....	$2.3 \times 10^{11}$

### HANDLING PROPERTIES:

Mix Ratio (by weight):	
Part A .....	100 parts by weight
Part B .....	50 parts by weight
Mixed Viscosity, (cps) .....	500
Work Life, @ 77°F (25°C) .....	2 hours
Cure Schedule, @ 77°F (25°C).....	16 hours

### PACKAGING:

Gallon Kit (pre-weighed) .....	8 lbs. A, 4 lbs. B
5 Gallon Kit (pre-weighed) .....	40 lbs. A, 20 lbs. B

**STORAGE:**

Store at 55°-90°F (13°-32°C) in a dry location. Unopened containers will have a shelf life of 12 months, from shipping date, when properly stored at room temperature. Keep containers tightly sealed after use.

**SAFETY PRECAUTIONS:**

Liquid and vapor may cause irritation. Use in a well-ventilated area. Avoid contact with skin using protective gloves and protective clothing. Repeated or prolonged contact on the skin may cause an allergic reaction.

Eye protection is extremely important. Always use approved safety glasses or goggles when handling this product.

**IF CONTACT OCCURS:**

**Skin:** Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. Seek qualified medical attention if allergic reactions occur.

**Eyes:** Immediately flush with water for at least 15 minutes. Call a physician.

**Ingestion:** If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person.

**Refer to the Material Safety Data Sheet before using this product.**