



### **WELDCOTE 2300**

#### **Premium, Multi-Purpose Phosphor Bronze Electrode (AC-DC)**

**DESCRIPTION:** WELDCOTE 2300 is a versatile, copper-based alloy for buildup and joining. This electrode joins copper, brass, bronze and dissimilar metals. It offers excellent resistance to frictional wear when used as an overlay. WELDCOTE 2300 is used in numerous applications, included, but not limited to, the repair of bearings, bushings, gears, propellers, impeller blades and couplings.

**PROCEDURE:** Use either AC or DC reverse polarity. Clean weld area. Copper and heavy sections of cast iron must be preheated. Preheat of phosphor bronze castings should be approximately 400° F and copper should be preheated to approximately 750° F. Preheat must be maintained while welding. Use lowest current for sound weaving technique. Once the weld is cooled, slag may be removed by chipping and brushing. Cool slowly.

**FEATURES:** Tensile strength: up to 65,000 psi  
Color matches red bronze  
Frictional Resistance: Excellent  
Machinability: Excellent

**PACKAGING:** WELDCOTE 2300 is available in 1/8 diameter, packed in ten pound tubes, 40 lbs per master carton. **Amperage** 60-120 amps.