

## **HABCO AG 710**

**CADMIUM FREE, 56% SILVER BRAZING ALLOY WITH A SPECIAL FLUX COATING FOR SUPERIOR WETTING ACTION**

### **FEATURES**

The high silver content of this flux-coated alloy gives it a light color similar to stainless steel. Being cadmium-free makes it ideal for application in the food industry and high vacuum assemblies. Joints exhibit high strength and good electrical conductivity. **Bare material available on coils or as bare rod.**

(Use **HABCO FX 850 FLUX**)

### **APPLICATIONS**

Joining stainless steel materials commonly used in the food and dairy industry. Excellent for assembly and repair of laboratory apparatus, tubing, instruments, control devices, trim work, switches, etc. **HABCO AG 710** is an ideal choice for general maintenance and repair applications.

### **INSTRUCTIONS**

Clean work surface. Remove dirt, grease, rust, burrs from joint area. Joint fit-up should be .002" to .005" for best results. In complex joint configurations, apply extra flux. Use slightly carburizing flame. Melt off small quantity of flux from rod and heat joint area broadly, until flux liquifies. Apply **HABCO AG 710** alloy as required to complete fillet. Keeping the torch in motion will help prevent overheating. Remove flux residue with hot water.

**Tensile Strength:** up to 75,000 Psi (53 kg/mm<sup>2</sup>)

**Working Temperature:** 1160°F (627°C)

**Elongation:** approx. 25%

**Hardness:** approx. 115 BH

**Color Match:** good on stainless steel

**Corrosion Resistance:** good

**Electrical Conductivity:** good

#### **Diameters:**

(in)	1/16	3/32
(mm)	1.6	2.5