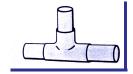


SHUBER G 945

LOW MELTING SILVER BRAZING ALLOY



DESCRIPTION

VERSATILE LOW MELTING SILVER BRAZING ALLOY SPECIALLY DESIGNED FOR MAINTENANCE APPLICATIONS. Produces high strength joints on ferrous and non-ferrous metals, such as steel, stainless steel, carbide metal, copper, brass, bronze and practically all common metals except white metals. Ideal for joining dissimilar metals of different coefficients of expansion due to its high ductility.

SPECIAL FEATURES

- Bonds easily due to excellent affinity to nearly all metals.
- Ease of application due to excellent flow characteristics and capillary action.
- High versatility eliminates inventory of other brazing rods for different applications.
- Unique alloy system and flux chemistry ensures perfect bonds even on difficult-to-wet metals such as stainless steel.

APPLICATION INSTRUCTIONS

Clean joint area. Apply liberally F 945 flux to the joint area. Use slightly carburizing flame with the flame cone at least an inch from the surface and preheat broadly to prevent local overheating. Heat locally until flux becomes liquid and apply the welding alloy to the joint. Spread the molten alloy into the joint with the flame. Remove flux residues by brushing with water.

TECHNICAL DATA

TENSILE STRENGTH: 65 kg/mm² (86,000 psi)

ELONGATION: 25 %

WORKING TEMPERATURE: 620°C (1145°F)

Available Bare(G 945) or Flux coated (G 945FC)