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Postalloy® 97-SPL is a low heat input gas-shielded bronze welding wire. It may be used on steels, stainless steels, cast iron, copper, brass and bronze. Benefits include the following:

- Minimizes warpage and distortion
- Especially good on galvanized surfaces
- Bonds well to various grades of cast iron
- Weld deposits are highly machinable

Postalloy® 97-SPL is ideal for joining thin sheet metal. The low melting temperature reduces burning of the galvanized coating. It is also excellent for joining dissimilar metals i.e., brass or bronze to cast iron, steel to brass, stainless to Bronze, etc.

Specifications

Product Type

Wire: Solid, Gas-shielded

Weld Deposit Properties

Tensile Strength: 60,000 psi

Hardness: 100 BHN

Applications

Adjoining thin sheet metal, Adjoining bronze to cast iron, steel to brass and stainless to bronze.

Postalloy® 97-SPL Welding Parameters

Current: DC Electrode Positive

Spray Arc	Gas
.045" (1.1mm)	Ar/Ox

Welding Procedure

Postalloy® 97-SPL works well in full spray transfer. Volts and amperages should be adjusted accordingly. Recommended cover gas is Argon/Oxygen if ferrous metals are involved in the application and pure Argon if welding non-ferrous metals.

Packaging Options

Diameter	Standard Packaging
.045" (1.1mm)	5 lb spool, 30 lb spool

