

# POSTLE INDUSTRIES, INC.



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## Data Sheet

# POSTALLOY Super<sup>®</sup> 35

### Description

**POSTALLOY SUPER 35**, a general purpose mild steel electrode, simplifies all welding applications involving mild steel and provides the maintenance welder with a tremendous degree of versatility.

It is remarkably easy to use even on an AC "buzz box". Just strike the arc and let it go to work. **POSTALLOY SUPER 35** is easy to use in all positions and features instant strike and restrike characteristics. The arc is smooth and the slag is self-releasing.

**Low smoke** volume makes it ideal for confined or poorly ventilated areas.

Can be used as a contact or "drag" electrode.

May be used at the lowest possible amperage to prevent burnthrough on thin sheet metal.

High amperage capability for deep penetration when welding through rust, paint, grease and dirt.

Deposits on galvanized steels with little or no burning of the surrounding galvanized coating.

**Leaves no porosity.**

Electrode may be bent without the coating popping off when welding hard to reach corners.

**High degree of moisture resistance.**

### Specifications

Tensile Strength .....80,000 psi

Elongation .....24%

### Welding Procedures - AC or DC Reverse Polarity

It is always best to clean the weld area of dirt and other foreign material. However, if it is necessary, **POSTALLOY SUPER 35** will weld through paint, rust, and grease. Amperages may have to be increased slightly. When welding thin gauge metal, use the lowest amperage possible and maintain a close arc. Hold the electrode about 20° off the perpendicular in the direction of travel. **POSTALLOY SUPER 35** may be used with a drag technique or with a gap. Backfill all craters. Remove slag.

Diameter	1/16 (1.6mm)	5/64 (2.0mm)	3/32 (2.5mm)	1/8 (3.2mm)	5/32 (4.0mm)
Current amps	20-40	30-60	40-70	70-120	110-140