

POSTALLOY® 2836-SPL



Postle Industries • Cleveland, OH USA • Telephone: 216-265-9000 • Fax: 216-265-9030

Description

POSTALLOY® 2836-SPL is a high hardness multi-carbide hardfacing alloy that resists severe abrasion, including high stress grinding, low stress scratching and gouging abrasion. It maintains its hardness and wear resistance up to 760°C. The chemistry is highly tolerant of dilution. One layer will easily outwear two layers of ordinary chrome carbides and in some applications the wear is equal to tungsten carbide.

Specifications

Product Type: Metal-cored, open arc or gas-shielded. Deposits are slag-free.

Weld Deposit Properties

Hardness: 63-67 HRC

Deposit Thickness: 1- 2 layers

Cannot be flame-cut

Deposit will readily relief check-crack

Applications

Blast furnace charging equipment

Agricultural implements

Sinter plant parts

Cement mill parts

Coke pusher shoes

Brick making equipment

Coke crusher segments

Wear plates

Cereal grinding equipment

Tong bits

Conveyor screws

Slag ladles

Mixer paddles

Ash fans

Wear bars

Solid waste shredder parts

POSTALLOY® 2836-SPL Welding Parameters

Current: DC Reverse or Straight Polarity

Diameter	Amps	Volts	Stick Out
1.2mm	100-225	15-26	18-25mm
1.6mm	160-300	20-28	25-35mm

While all sizes of Postalloy 2836-SPL will easily operate with or without a gas cover, you may find applications for which you prefer a shielding gas. If a gas cover is used, Argon/CO₂ or 100% CO₂ is recommended. This will cause amperages to go up by about 10% and the stick-out should be shortened. When welding out of position, use the lower range of amperages and voltages. In addition, a gas cover maybe useful, especially when using a constant current power source and voltage sensing feeder.

Packaging Options

Diameter	Standard Packaging
1.2mm	11.4 kg spool
1.6mm	11.4 kg spool

Diam.	11.4 kg Spool
1.2mm	PHF2836-12
1.6mm	PHF2836-16

TALARC Pty Ltd
10-16 Syme St
Brunswick, Vic 3056
Ph. +61 3 9388 0588 Fax: +61 3 9388 0710
W: www.talarc.com E: sales@talarc.com