

# POSTALLOY® 299-SPL (Tungsten Carbide 299)



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## Description

POSTALLOY® 299-SPL is an open-arc hardfacing overlay that utilizes a specially formulated tungsten carbide to produce a "highly feathered" microstructure that is unusually hard and more abrasion resistant than standard tungsten carbide hardfacing wires. It operates at lower than normal currents to minimize dilution and help develop its high hardness and unique microstructure in the first layer. For extreme earth abrasion resistance with little or no impact.

## Specifications

**Product Type:** Metal-cored, open-arc  
Deposits are slag-free

### Weld Deposit Properties

Hardness: Tungsten Carbide - 2300 HV  
Matrix Alloy: 60-65 HRc  
Deposit Thickness: 2 layers maximum  
Deposits will readily relieve check-crack

## Applications

POSTALLOY 299-SPL is recommend for extreme abrasion applications, such as Auger points, Debarking hammers, Cutter teeth, Anvil knives and Flights.

## POSTALLOY® 299-SPL Welding Parameters

**Current:** DC Reverse Polarity

Diameter	Amps	Volts	Stick Out
1.6mm	120-240	23-26	25-35mm

## Packaging Options

Diameter	Standard Packaging
1.6mm	11.4 kg spool

Diam.	11.4 kg Spool
1.6mm	PHF299-SPL16

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