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Postalloy® DuraHard™ 2830-MCO

Postalloy® DuraHard™ 2830-MCO is a non-cracking metal-cored, open arc hard facing wire that deposits high alloy matrix with a high volume of finely dispersed **Chrome Free** complex (Nb, V, B) Carbides. It has extreme abrasion resistance under low and high stress conditions and retains hardness at high temperatures. **Crack-free** deposits are possible with proper procedures. Its tough hard matrix makes it ideal for edge retention.

The weld deposit is not machinable and will withstand hot wear applications up to 1100°F (593°C).

Specifications

Product Type

Wire: Metal-cored, open arc

No gas required however 75/25 Argon/CO2 will enhance performance

Weld Deposit Properties

Average Hardness: 65 - 70 Rc

Impact Resistance: Moderate

Non-machinable

Crack-free

Applications

Bucket Teeth and Lips

Augers

Asphalt Mixer Paddles

Hammers

Bucket Pins

Shredders

Chutes

Tillage tools

Wear Plates

Glass Crushing

Postalloy® DuraHard™ 2830-MCO Welding Parameters

Current: DC Electrode Positive

Diameter	Amps	Volts	Stick Out
1/16" (1.6mm)	250-300	27-31	1" - 1 1/4" (25-32 mm)
3/32" (2.4mm)	230-260	26-30	1 1/14" - 1 1/2" (32-38mm)

Packaging Options

Diameter	Standard Packaging
1/16" (1.6mm)	25 lb spool
3/32" (2.4mm)	55 lb coil

