

POSTLE INDUSTRIES, INC.



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Data Sheet

POSTALLOY® 2893-FCO

Description

POSTALLOY 2893-FCO is a high hardness, machinable flux-cored, open-arc hardfacing and build-up wire. It provides high compressive strengths and the wear life will far exceed conventional build-up alloys and mild steel. Weld deposits are exceptionally sound and dense, and heavy build-ups are possible

Specifications

Wire Type: Flux-cored, Open-arc

Weld Deposit Properties:

Hardness: 40-45 Rc

Maximum Deposit Thickness: Unlimited

Preheat may be required for certain low alloy, higher carbon steels

Deposits can be flame cut

Machinable with carbide tools

Applications

Spindles	Tractor undercarriage idlers and rollers
Wobblers	Trencher drive segments and rollers
Work roll sprockets	Dredge bucket pins
Cable sheaves	Dredge driving tumblers
Gears and keyways	Ladder rolls
Ladle trunnions	Lower tumblers
Conveyor chain links	Bulldozer trunnions
Shovel carrier rollers	Continuous miner bearing carrier
Driving sprockets	Shaker conveyor rails
Driving tumblers	Shaker pan conveyor

Welding Parameters

Diameter	.045"(1.2mm)	1/16"(1.6mm)	7/64"(2.8mm)
Current <i>amps</i>	100-200	150-300	325-500
Voltage (DCRP) <i>volts</i>	21-27	23-28	25-30
Stickout <i>inch (mm)</i>	3/4"-1 1/4"	1"-1 1/2"	1"-1 1/2"
Gas Flow <i>cfh (l/hr)</i>	NA	NA	NA

Packaging

Diameter	.045"(1.2mm)	1/16"(1.6mm)	7/64"(2.8mm)
25 Lb. Spools	Standard	Standard	NA
55 Lb. Coils	NA	NA	Standard