

POSTALLOY® 2898-FCO

DESCRIPTION

POSTALLOY® 2898-FCO is a general purpose flux-cored, open-arc hardfacing wire providing a good combination of abrasion resistance and toughness. Use to overlay carbon and low alloy steel, manganese steel, stainless steel and cast iron.

SPECIFICATIONS

Wire Type: Flux-cored, Open-arc

Weld Deposit Properties:

Hardness: 55 – 59 Rc

Maximum overlay: 2–3 layers

Non-machinable - must be ground

This alloy may relief check (depending on type of base metal, thickness, etc.)

APPLICATIONS

- Tillage tools
- Conveyor screws
- Backhoe
- Clamshell
- Shovel and dragline bucket lips and teeth
- Tractor grousers
- Bulldozer blades and end bits
- Dragline scrapers
- Dragline chain idlers
- Agitator bearings and shafts
- Sprockets
- Gudgeon hangers and pins

WELDING PARAMETERS (POLARITY - DC STRAIGHT)

Diameter	.045"(1.2mm)	1/16"(1.6mm)	7/64"(2.8mm)
Current <i>amps</i>	100-200	150-300	325-500
Voltage (DCSP) <i>volts</i>	21-27v	23-28v	25-30v
Stickout <i>inch (mm)</i>	3/4"-1 1/4"(18-30mm)	1"-1 1/2"(25-38mm)	1"-1 1/2"(25-38mm)
Gas Flow <i>cfh (l/min)</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