

Hardfacing Newsletter



Postalloy by Postle
HARDFACE TECHNOLOGIES®

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Product Spotlight

DuraHard™ 2898-FCO

Abrasion resistant. Postalloy® DuraHard™2898-FCO is a general-purpose flux-cored, open-arc hardfacing wire providing a good combination of abrasion resistance and toughness. Use for metal-to-metal-to-earth wear applications. Use to overlay carbon and low alloy steel and manganese steel. Multiple layers can be applied with proper preheat and inter-pass temperature. Hardness: 55-59Rc. Also available as a metal-cored, gas-shielded wire - Postalloy® DuraHard™ 2898-MCG.

Various Applications:

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

Tips from the Weld Lab... Routinely check your welding equipment....

Problem: : Worn spring liner. The spring liner used for almost all cable/hose assemblies is removable and replaceable. Almost all spring liners have at least two bends that are constant. One, coming out of the feeder, the other in the gun neck. The wire rubs the same spot and wears a groove in the liner. This acts as a high-friction area as the groove deepens, and the more bends that are permanent, increases the drag on the wire, causing it to “bird nest” at the gun inlet or just stop feeding. This is also one cause of the chatter that can frustrate a welder.

Solution: Occasionally, index the liner, remove, and inspect it. A kink in the liner will cause a feeding problem. Blow out the liner guide, turn the liner 90 to 180 degrees and reinstall it (index it before you pull it out). This will present a fresh area in the liner to the wear of the moving wire. You will still eventually need to replace the liner, but doing this can extend the life, 3 or 4 times what it would normally be.

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