

Hardfacing Products for the
Sugar Cane Industry

Postalloy® 2832-SPL Chromium Carbide

Postalloy® 2832-SPL is a premium chromium carbide alloy open-arc wire that has a high volume fraction of carbides dispersed in a hard matrix. Ideal for applications involving high abrasion and moderate impact.



Hardfacing can be used on cane rolls to create a hook profile to increase productivity as well as increasing service life up to 300% or more.

Postalloy®

2832-SPL can be used to produce a hook profile on teeth of sugar cane crusher rolls.

Applications Include:

- Teeth of sugar cane crusher rolls
- Sugar cane knives and hammers
- Scraper blades
- Average Hardness is 58-62 Rc

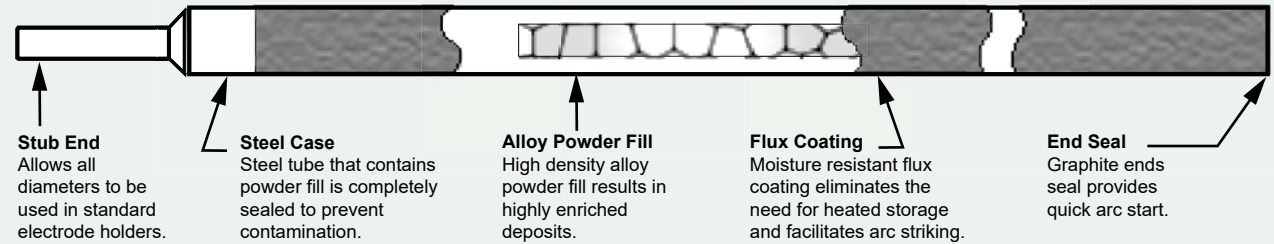
Postalloy® 2898-SPL Overlay

Postalloy® 2898-SPL is a general purpose self-hardening overlay with a good combination of resistance to abrasion and impact. Postalloy® 2898-SPL is very tough with excellent resistance to chipping and spalling.

Applications Include:

Postalloy® 216HD (Chapisco) Tubular Electrodes

POSTALLOY® Tubular electrodes are a unique concept in hardfacing technology. They are filled with the highest percentage of carbide forming alloys for maximum wear resistance and longest service life of your equipment.



Stub End

Allows all diameters to be used in standard electrode holders.

Steel Case

Steel tube that contains powder fill is completely sealed to prevent contamination.

Alloy Powder Fill

High density alloy powder fill results in highly enriched deposits.

Flux Coating

Moisture resistant flux coating eliminates the need for heated storage and facilitates arc striking.

End Seal

Graphite ends seal provides quick arc start.

POSTALLOY® Tubular Electrodes Offer:

- High Deposition Rates - Up to 3 times faster than ordinary electrodes.
- Ease of Use - Can be used with AC or DC welding equipment.
- High Metal Recovery - There is no slag to remove making over 90% efficient. Ordinary electrodes waste up to 40%.

- Scrapers
- Turn plates
- Average Hardness is 55-59 Rc

Postle Industries has in house R&D and can custom engineer a hardfacing product just for you!

Postalloy® 216HD (Chapisco)

POSTALLOY® 216HD (Chapisco), for Roll-Arcing, is engineered for the sugar cane industry and is to be used while the sugar cane roll is rotating.

Applications Include:

- Sugar mill rolls (Chapisco)
- Sugar mill roll hooks (Picote)
- Cane rakes & combs
- Casing cane crushers
- Hammers & bits
- Fan (ID) boiler
- Fibrizor hammers (Martillo)
- Cane knives (Cuchillas)

Postalloy® 2821-MCO (Chapisco)

Postalloy® 2821-MCO (Chapisco) "Spatter Arc" for "Roll Arcing" produces a rougher weld deposit that will aid in pulling and tearing the cane as it feeds through the rolls for processing.

Postalloy® 2821-MCO is a chromium carbide alloy that produces a controlled microstructure of finely sized carbides in a tough matrix. The smaller carbide size absorbs impact and compressive loads better. Ideal for applications involving high abrasion and moderate impact. Used on Sugar Mill Rolls. Can be applied while the rolls are operating.

For more information on how to obtain the maximum life of your equipment please contact Mike Korba or Klint Smith at (216) 265-9000. mkorba@postle.com · ksmith@postle.com