

Postle Industries, Inc.

Cleveland, OH USA

Phone: 216-265-9000

Fax: 216-265-9030

E-Mail: sparky@postle.com

Web Site: www.hardbandingsolutions.com



Hardbanding Wire

Data Sheet

POSTALLOY® DURABAND®NC

Description

Postalloy® Duraband®NC is a 100% Crack-Free, 100% Re-buildable, Casing Friendly hardbanding wire that provides maximum tool joint protection with excellent casing wear protection.

The Duraband®NC microstructure consists of a hard, but tough tool steel matrix with a high volume of tightly packed micro-constituents. This combination ensures excellent wear resistance in open hole drilling as well as being *CASING FRIENDLY*. Typical hardness values of 57-60Rc can be expected when applied to new tools or properly rebuilt joints. Duraband®NC can be applied over itself, Tuffband®NC and many competitive products without removal of existing hardbanding. Please contact Postle Industries or your Tech Center for application details.

Duraband®NC® is Perfect for All Drilling Conditions

- Highly Deviated Wells & Extended Reach Drilling
- H2S Sour Gas Wells - All grades of sour gas drill pipe
- HPHT Wells
- Geothermal Drilling
- Horizontal Drilling

...and All Hardband Locations

- Box and Pin
- HWDP Center Wear Pads
- Drill Collars
- RDT Wear Knot™
- Completion Work String Tubing
- Multiple Layers

Wear Knot™ is a trademark of RDT



Duraband®NC is Fearnley Procter NS-1™ Product Certified for New Hardbanding Applications and Process Certified for Re-applications Over Most Competitive Products.

APPLICATION PARAMETERS

Diameter: 1/16" (1.6mm)
Polarity: Electrode Positive - DCEP/Reverse
Amperage: 320 (300 to 365)
Volts: 30 (28 to 33)
Gas Mix: 98% Argon/2% Oxygen (100% Argon, 95/5)
Gas Flow Rate: 35 CFH (16.5 LPM) (32 to 37 15-17.5 LPM)
Torch Angle: 15° (10° to 17°)
Stickout: 1" (25mm) (3/4 to 1-1/8" 19-28.5mm)
Preheat: 225°F to 700°F (107°C to 371°C) Dependent on OD
Max Interpass Temperature: 850°F (454°C)
Slow Cooling: Cover immediately with Postle HB Insulator or cooling can