

DRILL-GUARD NB SEAMLESS

For Welding Professionals



Providing ultimate wear
protection for your drill string
and casing

EXCLUSIVE



To complement our existing DRILL-GUARD premium hardbanding cored wires, Welding Alloys have developed a seamless product:

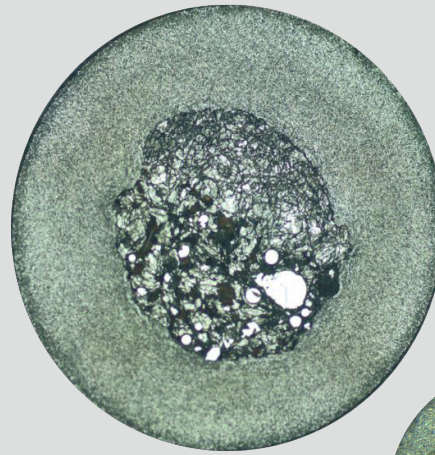
- **DRILL-GUARD NB SEAMLESS**

Features of this unique wire includes improved wire feeding, low risk of porosity and attractive weld appearance.

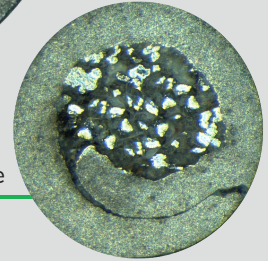
Developed from extensive industry knowledge and technical expertise, this new seamless hardbanding wire offers excellent wear resistance and will extend the service life of the drill pipe tool joints with low casing wear. Tested as per API standard CW7.

Why choose this solution?

- Casing friendly.
- Crack-free, non-spalling or flaking.
- Superior wear performance.
- Excellent protection against cold cracking (extremely low diffusible hydrogen content <4ml/100g).
- Hermetically sealed and resistant to moisture pick up.
- No special storage conditions or re-drying required prior to use.
- High quality overlay, smooth weld deposit.
- Outstanding wire feeding properties.
- Excellent operator appeal.
- Reapplication with ease.
- Good compatibility when welding over other hardbanding wires.



Cross-section of a seamless cored wire



Cross-section of a seamed cored wire



DRILL-GUARD NB SEAMLESS API® Standard 7CW Casing Wear Tests:

Casing Wear Factor: 0.91×10^{-10} psi-1

Frictional Factor: 0.33 dimensionless

Hardband OD Loss: 0.002 in

Tool Joint Weight Loss: 0.010 lbs

