



Low casing wear, ease of application and economical pricing from a non-cracking hardbanding product creates a winning combination which continues to endure.

Our most cost-conscious offering, Arco **100XT™** debuted in early 2000 featuring the lowest casing wear rates recorded at the time. **100XT™** is a metal-cored wire which produces casing-friendly, crack-free deposits with good wear resistance. Though Arco **150XT™** claimed the title for lowest recorded casing wear percentage in 2009, **100XT™** is nearing 20 years in the field and is still widely employed by customers all over the globe. **100XT™** may be reapplied over itself and many other non-cracking products without removing the previous layer of hardbanding.

100XT™ may be applied with tungsten carbides embedded in it for open hole drilling, dramatically increasing the wear resistance.

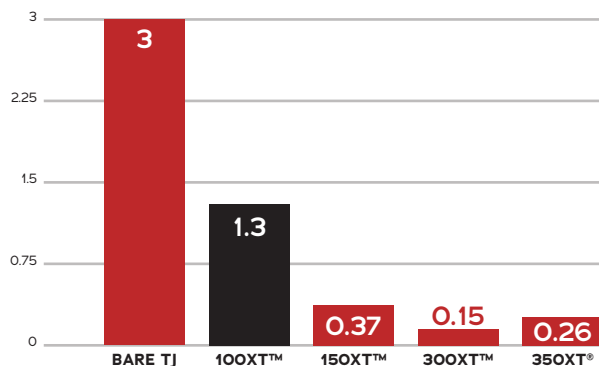
KEY BENEFITS OF 100XT™

- ✓ Moderate tool joint protection
- ✓ Very casing-friendly
- ✓ Non-cracking (single & double layer)
- ✓ No spalling, chipping, or flaking
- ✓ Re-application without previous layer removal
- ✓ NACE tested and approved for H₂S wells
- ✓ Approved for use in HPHT wells

PERFORMANCE DATA

- > Hardness 50 - 55
- > G65-A, 1-Layer 4137 TJ, g lost 1.3 - 1.5

ASTM G65-A, 1-LAYER, 4137, GRAMS LOST



SPECIAL APPLICATIONS

Embedding tungsten carbide in hardbanding for open-hole drilling

- > Tungsten carbides have been successfully embedded in **100XT™**
- > The tungsten carbide will not cause cracks in the **100XT™**
- > The **100XT™** features successful fusion with the base material (tool joint), as seen on the bottom right



Wear Resistant Hardbanding Alloys for the Worldwide Petroleum Industry

With decades of experience and technical expertise in the hardbanding industry, Arco fully supports customers and applicators by providing on and off-site technical support.

For more information, please visit us on the web at: hardbanding.com

