

Prime-Arc 400

Prime-Arc 400 HNW Hard-Facing Non-Check Cracking Wire
- Electrode not available

Prime-Arc 400 is a metal-cored welding consumable, which provides a superior balance of impact and abrasion resistance. Its rich chemistry and dispersed carbide structure make it the best choice for fine particle, slurry, and mud wear applications.

The deposit is Martensitic, does not typically exhibit check cracking, and is not readily machinable. It can be used in both metal-to-metal and metal-to-earth applications, and can be applied to carbon and low-alloy steels.

Applications

Designed to be used in severe metal-to-earth and metal-to-metal applications where maximum wear life is critical. Can be used on ultra-hard steels for increased wear life, and may also be applied to low alloy and manganese steels.

Benefits

Can be used to safely hard surface ultra-high strength abrasion resistant steels. Slag is easily removable and produces tough, clean deposits.

Technical

Boron added for hardness, toughness and cleanliness. Can be deposited check crack free up to two layers. Modified tool steel chemistry can be forged at red heat and is not readily machinable. Deposit up to 650 BHN when applied to high-strength abrasion resistant steels.

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