

Prime-Arc MWC*

Prime-Arc MWC HNW Hard-Facing Non-Check Cracking Wire

- Electrode not available

* Top Value

Prime-Arc MWC HNW wire consists of a mixture of cast and macrocrystalline tungsten carbide particles in a nickel-silicon-boron matrix. This microstructure gives it superior toughness, as well as corrosion and fine particle erosion resistance in slurry type applications.

Specifically designed for the toughest applications Prime-Arc MWC is the best choice to overlay dredge and rotary head cutters, earthmoving toolholders, filtering screens, and drill bits/stabilizers.

Applications

Prime-Arc MCW is designed to be used on critical machine components subject to severe wear. Can be used in high-speed cyclone wear, critical blow line elbows and other wear applications where component failure is not an option.

Benefits

Unlike iron-based systems for tungsten impregnation, Prime-Arc MWC can be repaired multiple times. The alloy base does not dissolve the tungsten carbide particles, leaving them intact for maximum wear life.

Technical

Nickel-Silicon-Boron based wire deposits a 55 RC matrix, and does not dissolve the tungsten carbide particles. Provides an approximately 60% tungsten carbide weldment when applied 2 or more layers. A combination of macro crystalline and cast carbide provides excellent small particle abrasion resistance.

Birmingham, AL
University Park, IL
Elko, NV

[800] 633-6054

[888] 932-3427

[800] 833-8385

[205] 956-2567

[708] 235-8719

[775] 738-1242



© 2016 Tricon Wear Solutions | All rights reserved

www.triconwearsolutions.com