

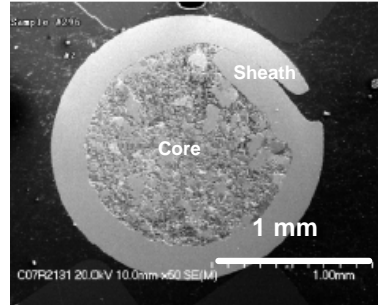
Product Technical Information

Nanostructured WC Cored Wire Feedstock

NanoCore™ W7403-N Wire for Hardfacing Surfaces



Photo of a typical cored wire bundle



SEM micrograph of cored wire cross-section

Thermal Spray or Welding Grade Cored Wires

Cored Wire Size: 1.6 mm or 1/16 in diameter (or other sizes can be custom made).

Cored Wire Composition

<i>NanoCore™</i> W7403-N	Nominal Composition				
	Ni	Cr	C	W	Co
	Balance	13.0	1.88	28.92	4.2

Features

The *NanoCore™* W7403-N is a nanostructured cored wire that exhibit properties including:

- excellent coating bond strength to the coated component
- can withstand high temperatures
- excellent corrosion resistance
- excellent erosion and abrasive wear resistance

Suggested Applications

NanoCore™ W7403-N is a special thermal spray or arc welding cored wire for low, intermediate and high temperature hardfacing applications, providing wear-, erosion-, and corrosion-resistant surfaces.

Contact Information

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