



Manufacturers of Custom Welding Lines for Resale
www.selectrode.com

SELECTRODE 4904 Primary Cold Spray Bondcoat Ni & Al

FEATURES & APPLICATIONS

Our code 4904 is a primary bondcoat powder containing Nickel and Aluminum. When flame sprayed, the particles go through a metallurgical phase change allowing self-bonding to oxide-free clean surfaces (except Copper).

Specially formulated "2 Step" metallizing powders for all low temperature powder spray torches

- Special "inert gas atomized" powder for ultimate cleanliness.
- Particle size distribution designed to eliminate fuming.
- Designed to perform well through most applicators available.

TYPICAL PROPERTIES

Nominal Chemistry	Aluminum 4.5 to 5% wt. Nickel Balance Particle Size: -140+325 mesh
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Melting Temperature:	
Aluminum 1220°F	(660°C)
Nickel 2650°F	(1453°C)
Bond Strength	3500 PSI
Deposit Density	7.3 g/cc
Application	Flamespray