

COROCARB NiA

COROCARB NiA is a cold rolled, formed, closed seam nickel tube filled with fused tungsten carbide (FTC) and Cr, B and Si for oxyacetylene application. The deposited alloy consists of approximately 65% FTC and 35% Ni-Cr-B-Si-matrix. COROCARB NiA wets easily and has ex-

cellent flow producing a smooth, clean surface. COROCARB NiA has a low melting point of approx. 900 – 1050 °C. The overlay is extremely resistant to acids, bases, lye and other corrosive media and other excessive wear conditions.



Hardfacing on ferritic and austenitic steels (steel casings), overlaying mixer blades and conveyors & screws in: chemical & dye industry and food industry.
Recommended for hardfacing rock bits and stabilizers in the petroleum industry.

TYPICAL ALL WELD METAL ANALYSIS (%)

Ni-Cr-B-Si-Matrix + 62% FTC

Hardness HRc

Matrix 55

2400 HV_{0,2}

STANDARD TUBE METAL LENGTH: 700 MM (28")

Type	Rod-Ø mm	Grain Sizes mm	Colour code
4005	4,0	0,25 - 0,70	white
4010	4,0	0,70 - 1,20	yellow
4015	4,0	1,00 - 1,60	red
5005	5,0	0,25 - 0,70	white
5010	5,0	0,70 - 1,20	yellow
5020	5,0	1,00 - 2,00	green
6005	6,0	0,25 - 0,70	white
6010	6,0	0,70 - 1,20	yellow
6020	6,0	1,00 - 2,00	green

Other dimensions on demand