

Alloy C-2000

CATEGORY GMAW-GTAW Solid wires

TYPE Nickel based filler metal for welding similar NiCrMo alloys

APPLICATIONS C-2000® alloy (UNS N06200) is unique among the versatile nickel-chromium-molybdenum materials in having a deliberate copper addition

PROPERTIES Like other nickel alloys, it is ductile, easy to form and weld, and possesses exceptional resistance to stress corrosion cracking in chloride-bearing solutions (a form of degradation to which the austenitic stainless steels are prone).
It is able to withstand a wide range of oxidizing and non-oxidizing chemicals, and exhibits outstanding resistance to pitting and crevice attack in the presence of chlorides and other halides.

CLASSIFICATION

AWS	AWS A5.14: ER NiCrMo-17
DIN: W.Nr.	2.4675
DIN	17744

APPROVALS CE approved

WELDING POSITIONS:



FILLER METAL ANALYSIS % (TYPICAL VALUES)

Ni	Cr	Mo	Cu	C	Si
Rest	23	16	1.6	0.01*	0.08*