



CEWELD NiTi3

TYPE Solid Nickel based filler metal for MAG welding.

APPLICATIONS CEWELD® NiTi3 is developed for welding and cladding Nickel 200 and Nickel 201. This alloy is also suited for surfacing of steel. Dissimilar welding applications of filler metal NiTi3 include joining Nickel 200 and 201 to stainless steels, copper-nickel alloys, and Monel alloys. It is also used for joining Monel alloys and copper-nickel alloys to carbon steels, and for joining copper-nickel alloys to Inconel and Incoloy alloys.

PROPERTIES The reaction of titanium with carbon maintains a low level of free carbon and enables the filler metal to be used with Nickel 201. The weld metal has good corrosion resistance, particularly in alkali's.

CLASSIFICATION

AWS	A 5.14: ERNi-1
EN ISO	18274: S Ni 2061(NiTi3)
F-nr	41
FM	6
W.Nr.	2.4155

SUITABLE FOR CEWELD® NiTi 3 is developed for welding and cladding Nickel 200 and Nickel 201. This alloy is also suited for surfacing of steel. Dissimilar welding applications of filler metal NiTi 3 include joining Nickel 200 and 201 to stainless steels, copper-nickel alloys, and Monel alloys. It is also used for joining Monel alloys and copper-nickel alloys to carbon steels, and for joining copper-nickel alloys to Inconel and Incoloy alloys. Type of alloys : Nickel 200 - Nickel 201
 UNS Nr: N 02200 - N 02201
 DIN 17742: Ni 99.6, Ni 99.2, LC-Ni99.6, LC-Ni99
 2.4060 - 2.4061 - 2.4066- 2.4068

APPROVALS No Approvals Found

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	Ni	Ti	Al
0.1	0.5	0.5	96	3	0.9

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	R _{P0.2} MPa	R _m MPa	A ₅ (%)	Impact Energy (J) ISO-V RT
As Welded /	200	420	30	120

REDRYING TEMPERATURE Not required

GAS ACCORDING EN 14175 I1



CEWELD NiTi3

NIT13 0,8MM

Type	KG/unit	EANCode
BS-300	15	8720663417695

NIT13 1,0MM

Type	KG/unit	EANCode
BS-300	15	8720663417701

NIT13 1,2MM

Type	KG/unit	EANCode
BS-300	15	8720663417725
BS-300	15	8720663417718

NIT13 1,6MM

Type	KG/unit	EANCode
BS-300	15	8720663417732