



CEWELD E NiCr 625

TYPE Latest generation with vacuum-melted core wire, guarantees optimum metallurgical quality. (Type 6625, ENiCrMo-3)

APPLICATIONS CEWELD® E NiCr 625 is developed for cladding Nickel-based alloys such as Alloy 625 or similar materials. This alloy can also be used for welding dissimilar nickel-based alloys to each other, to alloyed steels, to stainless steels and for joining 9% Nickel steels.

PROPERTIES CEWELD® E NiCr 625 have a very good resistance against pitting corrosion and crevice corrosion. Very good against acid, neutral or alkaline media, with or without chlorides. Very good resistance at high temperatures, especially against oxidation.

CLASSIFICATION

AWS	A 5.11: E NiCrMo-3
EN ISO	14172: E Ni 6625 (NiCr22Mo9Nb)
F-nr	43
FM	6
W.Nr.	2.4621

SUITABLE FOR **Ni 6625 / NiCr22Mo9Nb / 2.4831**
W.Nr: 1.4529, 1.4539, 1.4547, 1.4876, 1.4958, 1.5656, 2.4660, 2.4816, 2.4856, 2.4858,
 X1CrNiMoCuN20-18-7 - X10NiCrAlTi32-20 - X5NiCrAlTi31-20 - NiCr15Fe - NiCr22Mo9Nb - NiCr21Mo
 - X1NiCrMoCuN25 20 6 - X1NiCrMoCuN25 20 5 - NiCr21Mo - 8XNi9
ASTM: A 533 Gr1
UNS: S31254 - N08800 - N08810 - N06600 - N06625 - N08825 - N08926 - N08020
 Alloy 254 SMO - Alloy 800 - Alloy 800H - Alloy 600 - Alloy 625 - Alloy 825 - Sanicro 28

APPROVALS No Approvals Found

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	Cr	Ni	Mo	Fe	Nb+Ta	Nb
0.09	0.6	0.8	22	60	9	5	4	3.8

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	R _{P0,2} MPa	R _m MPa	A ₅ (%)	RT	Impact Energy (J) ISO-V
As Welded /	450	785	38	80	-196°C
					65

REDRYING TEMPERATURE 300°C / 2 hr

GAS ACCORDING EN 14175



CEWELD E NiCro 625

E NICRO 625 2,4 X 300MM	Type	KG/unit	EANCode
	Can	2,27	8720663418777

E NICRO 625 3,2 X 356MM	Type	KG/unit	EANCode
	Can	2,27	8720663418784

E NICRO 625 4,0 X 356MM	Type	KG/unit	EANCode
	Can	2,27	8720663418791

E NICRO 625 4,8 X 356MM	Type	KG/unit	EANCode
	Can	2,27	8720663418807