



CEWELD E NiCrMo 625

TYPE	Latest generation with vacuum-melted core wire, guarantees optimum metallurgical quality. (Type 6625, ENiCrMo-3)		
APPLICATIONS	CEWELD® E NiCro 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 NiCro 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)	
	W.Nr.	2.4831 / 24621	
	F-nr	43	
	FM	6	
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 254SMO - Alloy 800 - Alloy 800H - Alloy 600 - Alloy 625 - Alloy 825 - Sanicro 28 - 6Mo		

APPROVALS

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

MECHANICAL PROPERTIES

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

REDRYING 300°C / 2 hr

GAS ACC. EN ISO 14175



CEWELD E NiCro 625

E NICRO 625 2,4 X 300MM

Packaging	KG/unit	EanCode
Can	2,27	8720663418777

E NICRO 625 3,2 X 356MM

Packaging	KG/unit	EanCode
Can	2,27	8720663418784

E NICRO 625 4,0 X 356MM

Packaging	KG/unit	EanCode
Can	2,27	8720663418791

E NICRO 625 4,8 X 356MM

Packaging	KG/unit	EanCode
Can	2,27	8720663418807