



CEWELD E NiCr 625

TYPE	Latest generation clean quality (vacuum melted core wire) guarantees optimum metallurgical quality and attractive welder appeal.										
APPLICATIONS	CEWELD E NiCr 625 is developed for welding and 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.										
PROPRIÉTÉS	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	<table border="0"> <tr> <td>AWS</td> <td>A 5.11: E NiCrMo-3</td> </tr> <tr> <td>EN ISO</td> <td>14172: E Ni 6625 (NiCr22Mo9Nb)</td> </tr> <tr> <td>W.Nr.</td> <td>2.4621</td> </tr> <tr> <td>F-nr</td> <td>43</td> </tr> <tr> <td>FM</td> <td>6</td> </tr> </table>	AWS	A 5.11: E NiCrMo-3	EN ISO	14172: E Ni 6625 (NiCr22Mo9Nb)	W.Nr.	2.4621	F-nr	43	FM	6
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CONVIENT POUR	<p>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,</p> <p>X1CrNiMoCuN20-18-7 - X10NiCrAlTi32-20 - X5NiCrAlTi31-20 - NiCr15Fe - NiCr22Mo9Nb - NiCr21Mo - X1NiCrMoCuN25 20 6 - X1NiCrMoCuN25 20 5 - NiCr21Mo - 8XNi9</p> <p>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</p>										

AGRÉMENTS

POSITIONS DE SOUDAGE



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

PROPRIÉTÉS MÉCANIQUES

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

ETUVAGE 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