



CEWELD SA Nicro 625 strip

TYPE Nickel Chromium Molybdenum solid strip

APPLICATIONS This strip is suitable for both electroslag (ESW) and sub arc (SAW) process. Typical applications include cladding of vessels for the petrochemical, refinery and chemical industries

PROPERTIES Weld metal deposited by SA Nicro 625 has high strength and extreme corrosion resistance, including oxidation resistance and creep-rupture strength at elevated temperatures. Flux FL 860 ESHC

CLASSIFICATION

AWS	A 5.14: EQNiCrMo-3
EN ISO	18274: B Ni 6625 (NiCr22Mo9Nb)
W.Nr.	2.4831

SUITABLE FOR SA Nicro 625 is mainly used for ESW and SAW cladding of carbon steel to obtain corrosion and creep resistant layers. Go to [FL 860 ESHC](#) suitable flux...

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

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

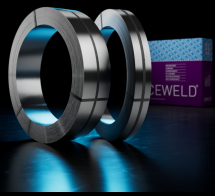
C	Si	Mn	Cr	Ni	Mo	Nb	Ti	Fe
0.02	0.02	0.02	22	70	9	3.8	0.16	0.4

MECHANICAL PROPERTIES

Heat Treatment	R _{P0.2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded	460	750	32	HRc

REDRYING Not required

GAS ACC. EN ISO 14175



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SA NICRO 625 STRIP 30 X
0,5MM

Packaging	KG/unit	EanCode
Coil	25	8720663419224