



# 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 (%)**

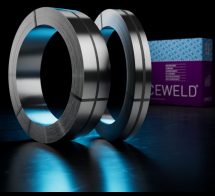
C	Si	Mn	Cr	Ni	Mo	Nb	Ti	Fe
0.02	0.02	0.02	22	70	9	3.8	0.16	0.4

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>P0.2</sub> (MPa)	R <sub>m</sub> (MPa)	A5 (%)	Hardness
As Welded	460	750	32	HRc

**REDRYING** Not required

**GAS ACC. EN ISO 14175**



# CEWELD SA Nicro 625 strip

SA NICRO 625 STRIP 30 X  
0,5MM

Packaging	KG/unit	EanCode
Coil	25	8720663419224