



CEWELD SA Nicro 600 strip

TYPE Nickel Chromium 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 600 has high strength and good corrosion resistance, including oxidation resistance and creep-rupture strength at elevated temperatures. Use FL 860 ESHC flux

CLASSIFICATION
AWS A 5.14: EQNiCr-3
EN ISO 18274: B Ni 6082 (NiCr20Mn3Nb)
W.Nr. 2.4806

SUITABLE FOR SA Nicro 600 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

APPROVALS No Approvals Found

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	P	S	Cr	Ni	Nb	Ti	Fe
0.08	0.4	3	0.02	0.01	21	75	2.8	0.2	2

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	R _{p0.2} MPa	R _m MPa	A ₅ (%)
As Welded /1h	390	650	37

REDRYING TEMPERATURE Not required

GAS ACCORDING EN 14175