

CEWELD SA 316L strip

TYPE Stainless steel strip for cladding overlay applications.

APPLICATIONS Cladding tanks, vessels, tubes etc.

PROPERTIES Latest generation clean melting quality guarantees optimum metallurgical quality and attractive welder appeal. Combined with our high basic electro slag flux FL 830 ESHC excellent results are obtained in both deposition rate as minimum dilution rate due to the higher slag temperature compare to other electro slag fluxes.


CLASSIFICATION

AWS	A 5.9: EQ316L
EN ISO	14343-A: B 19 12 3 L
W.Nr.	1.4430

SUITABLE FOR Cladding applications where a 18/8/2 (AISI 316) CrNiMo layer is required to offer good resistance against general corrosion, particularly to corrosion in acid and chlorinated environments.

APPROVALS CE

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	P	S	Cr	Ni	Mo
0.025	0.6	2	0.02	0.01	19	12	2.8

MECHANICAL PROPERTIES

Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness
As Welded	440	620	>30	HRc

REDRYING Not required

GAS ACC. EN ISO 14175