



CEWELD SA 316L strip

TYPE Stainless steel strip for cladding overlay applications.

APPLICATIONS CEWELD® SA 316L strip has its main application in:
Cladding tanks, vessels, tubes etc.

PROPERTIES The clean melt quality of the latest generation CEWELD® SA 316L guarantees optimal metallurgical quality. In combination with our highly basic electroslag flux FL 830 ESH, outstanding results are achieved in terms of both melting performance and minimal dilution rate, thanks to the higher slag temperature compared to other electroslag 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)	A ₅ (%)	Hardness
As Welded	440	620	>30	HRc

REDRYING Not required

GAS ACC. EN ISO 14175