



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