



CEWELD SA 308L

TYPE	Solid stainless steel wire for submerged arc welding (SAW). (Type 308L, 19 9L)							
APPLICATIONS	Boilers, agriculture, liquid storage tanks, food machinery, furniture etc.							
PROPERTIES	CEWELD SA 308L has good general corrosion resistance. The alloy has a low carbon content, making it particularly recommended where there is a risk of intergranular corrosion. Best to be used with our agglomerated flux FL 8111, FL 838 or fused flux FL 880							
CLASSIFICATION	AWS	A 5.9: ER308L						
	EN ISO	14343-A: S 19 9 L						
	W.Nr.	1.4316						
	F-nr	6						
	FM	5						
SUITABLE FOR	ISO 15608: 8.1 Austenitic $\leq 19\%$ Cr 9% Ni, TÜV 1000: Gr. 21 - 22 (29 max.350°C), 1.4301, 1.4306, 1.4307, 1.4308, 1.4311, 1.4312, 1.6900, 1.6901, 1.6902, 1.6903, 1.9606, 1.4541, 1.4546, 1.4550 X 5 CrNi 18 10, X 2 CrNi 19 11, X 5 CrNi 18 9, G-X 6 CrNi 18 9, X 12 CrNi 18 9, G-X 8 CrNi 18 10, X 6 CrNi 18 10, X 10 CrNiTi 18 10, X 5 CrNi 18 10 AISI 304, 304H, 312, 321H, 347, 347H, UNS S30409, S32109, S34709, S30400, S32100, S34700							
APPROVALS	CE							
WELDING POSITIONS	 PA  PB  PC							
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	P	S	Cr	Ni	Mo
	0.02	0.5	2	0.2	0.2	21	10	0.3
MECHANICAL PROPERTIES	Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness	
					RT	-196°C		
	As Welded	390	670	37	90	47		HRc
REDRYING	Not required							
GAS ACC. EN ISO 14175								



CEWELD SA 308L

SA 308L 2,4MM

Packaging	KG/unit	EanCode
K-415	25	8720663413703

SA 308L 3,2MM

Packaging	KG/unit	EanCode
K-415	25	8720663413710