



# 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 ≤ 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**



**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 <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	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