



CEWELD 308L

TYPE	Stainless steel GMAW filler metal for welding CrNi 18/10 types. (Type 308L, 19 9L)						
APPLICATIONS	Boilers, tanks, agriculture, liquid storage tanks, food machinery, furniture.						
PROPERTIES	CEWELD® 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.						
CLASSIFICATION	AWS	A 5.9: ER308L					
	EN ISO	14343-A: W 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), 1.4000, 1.4301, 1,4306, 1.4307, 1.4308, 1.4311, 1.4312, 1.4316, 1.6900, 1.6901, 1.6902, 1.6903, 1.9606, 1.4541, 1.4546, 1.4550 X 6 Cr 13, 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  PD  PE  PF						
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	Cr	Ni		
	0.02	0.5	2	20	10		
MECHANICAL PROPERTIES	Heat Treatment	R _{P0.2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
	As Welded	400	575	37	RT	-196°C	
					110	40	HRc
REDRYING	Not required						
GAS ACC. EN ISO 14175	M11, M13, M12						



CEWELD 308L

308L 0,8MM

Packaging	KG/unit	EanCode
BS-300	15	8720663412492
D-100	1	8720663412508

308L 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663412515

308L 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663412522