



CEWELD 316L

TYPE	Solid stainless steel welding wire (AISI 316). (Type 19 12 3 L, 1.4430)	
APPLICATIONS	The alloy is widely used in the chemical and food-processing industries, as well as in shipbuilding and various types of architectural structure.	
PROPERTIES	316L offers good general corrosion resistance, particularly to corrosion in acid and chlorinated environments.	
CLASSIFICATION	AWS	A 5.9: ER316L
	EN ISO	14343-A: G 19 12 3 L
	F-nr	6
	FM	5
	W.Nr.	1.4430

SUITABLE FOR **ISO 15608: 8.1 Austenitic ≤ 19 % Cr , TÜV 1000: Gr. 21-30,**
 1.4583, 1.4435, 1.4436, 1.4404, 1.4406, 1.4408, 1.4401, 1.4571, 1.4580, 1.4406, 1.4521
 X102CrNiMoNb 18 12, X2CrNiMo 18 14 3 (TP), X4CrNiMo 17 13 3, X2CrNiMo 17 12 2 (TP), X 5CrNiMo
 19 11 2, X4CrNiMo 17 12 2 (TP), X6CrNiMo 17 12 2, X6CrNiMoNb 17 12 3, X2CrNiMoN 17 12 3 (TP),
 X2CrMoTi18-2
 316Cb, 316L, 316L, 316LN, 316H, 316, 316Ti, 316Cb, 316LN, 444
 S31640, S31603, S31653, S31600, S31630, S44400

APPROVALS CE

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	Cr	Ni	Mo
0.02	0.5	1.5	19	12	2.8

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	R _{P0,2} MPa	R _m MPa	A ₅ (%)	Impact Energy (J) ISO-V	
				RT	-196°C
As Welded /	430	590	35	100	45

REDRYING TEMPERATURE Not required

GAS ACCORDING EN 14175 M11, M13, M12



CEWELD 316L

316L 0,8MM

Type	KG/unit	EANCode
D-200	5	8720682050071

316L 1,2MM

Type	KG/unit	EANCode
BS-300	15	8720663413543

316L 2,0MM

Type	KG/unit	EANCode
BS-300	15	8720663413598