



# CEWELD AA 316LP

**TYPE** AISI 316 Rutile flux cored stainless steel welding wire for welding in all positions. ( Type 19 12 3L, 1.4430)

**APPLICATIONS** CEWELD AA 316LP is suitable for welding AISI 316 stainless steels, especially when high weld metal quality and an attractive weld bead appearance are required.

**PROPERTIES** Gentle droplet transfer and stable arc without spatter loss, excellent productivity and weldability, better wetting properties compared to solid wires characterise CEWELD AA 316LP. Faster solidifying rutile slag with which X-ray weld seams are reliably achieved both under CO<sub>2</sub> and mixed gas

**CLASSIFICATION**

AWS	A 5.22: E316LT1-1
EN ISO	17633-A: T 19 12 3 L P M21 2
W.Nr.	1.4430
F-nr	6
FM	5

**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, 1.4430  
 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, Lloyds, DNV

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)**

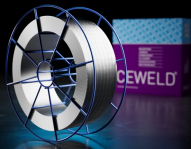
C	Si	Mn	P	Cr	Ni	Mo	S
0.025	0.9	1.4	0.013	17.9	12.1	2.67	0.008

**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	-40°C	
As Welded	380	525	43	65	50	HRc

**REDRYING** 140°C / 24 hr

**GAS ACC. EN ISO 14175** M21



# CEWELD AA 316LP

## AA 316LP 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663413529
D-200	5	8720663413574
D-270	15	8720663424624

## AA 316LP 1MM

Packaging	KG/unit	EanCode
D-200	5	8720682050033