



CEWELD AA 316L Tig

TYPE Flux cored stainless steel welding wire for Tig welding. (Type 19 12 3L, 1.4430)

APPLICATIONS Boilers, shipbuilding, machinery, offshore application, foundries, chemical industry, root pass welding when backing gas is not available or preferred.

PROPERTIES Flux cored wire with slag support for high productivity welding especially for root welding. The slag is self detaching and offers a unique protection against oxidation on the reverse side of the root pass. Saving the cost for back shielding gas and purging time makes AA 316L Tig a very economical option.

CLASSIFICATION

AWS	A 5.22: R316LT1-5
W.Nr.	1.4430
F-nr	6
FM	5

SUITABLE FOR

ISO 15608: 8.1 Austenit ≤ 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
 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)
 316Cb, 316L, 316L, 316LN, 316H, 316, 316Ti, 316Cb, 316LN
 UNS S31640, UNS S31603, UNS S31653, UNS S31600, UNS S31635

APPROVALS

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

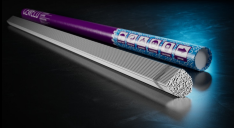
C	Si	Mn	P	S	Cr	Ni	Mo
0.02	0.9	1.6	0.015	0.015	19	13	2.3

MECHANICAL PROPERTIES

Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
				RT		
As Welded	440	600	38	110		HRc

REDRYING Not required

GAS ACC. EN ISO 14175 I1



CEWELD AA 316L Tig

AA 316L TIG 2,2 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663413628