



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
F-nr	6
FM	5
W.Nr.	1.4430

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 No Approvals Found



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

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	R _{P0,2} MPa	R _m MPa	A ₅ (%)	Impact Energy (J) ISO-V RT
As Welded /	440	600	38	110

REDRYING TEMPERATURE Not required

GAS ACCORDING EN 14175 I1



CEWELD AA 316L Tig

AA 316L TIG 2,2 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663413628