



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	PAPBPCPDPEPF							
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							



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AA 316L TIG 2,2 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663413628