



CEWELD 4316 Kb

TYPE	Basic coated welding electrode for AISI 304 with low carbon content. (Type 308L, 19 9 LB)					
APPLICATIONS	CEWELD® 4316 Kb electrode is suitable for welding corrosion-resistant Cr-Ni-steels with extremely low C-content at working temperatures up to 350 °C.					
PROPERTIES	The weld deposit of CEWELD® 4316 Kb is scale-resistant up to approx. 800 °C in normal atmosphere and oxidizing gases. The weld deposit is capable of taking a high polish.					
CLASSIFICATION	AWS	A 5.4: E 308L-15				
	EN ISO	3581-A: E 19 9 L B 12				
	W.Nr.	1.4316				
	F-nr	1				
	FM	5				
SUITABLE FOR	ISO 15608: 8.1 Austenitic ≤ 19 % Cr , TÜV 1000: Gr. 21 - 29, 9 % Ni, 1.4301, 1.4306, 1.4307, 1.4308, 1.4311, 1.4312, 1.6900, 1.6901, 1.6902, 1.6903, 1.9606, 1.4541, 1.4546, 1.4550 X 5 CrNi 18 10, X 2 CrNi 19 11, X 5 CrNi 18 9, G-X 6 CrNi 18 9, X 12 CrNi 18 9, G-X 8 CrNi 18 10, X 6 CrNi 18 10, X 10 CrNiTi 18 10, X 5 CrNi 18 10 AISI 304, 304H, 312, 321H, 347, 347H, UNS S30409, S32109, S34709, S30400, S32100, S34700					
APPROVALS	CE					
WELDING POSITIONS	 PA  PB  PC  PD  PE  PF					
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C	Si	Mn	Cr	Ni	Fe
	0.03	0.9	0.86	19	10	Rem.
MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V	Hardness
					RT	
	As Welded	330	550	35	70	HRc
REDRYING	300°C / 2 hr					
GAS ACC. EN ISO 14175						



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4316 KB 3,2 X 350MM

Packaging	KG/unit	EanCode
Can	2,8	8720663411631