



CEWELD 308LSi

TYPE	Stainless steel GMAW wire for welding CrNi 18/10 types. (308LSi, 1.4316)						
APPLICATIONS	CEWELD® 308LSi is for joint and overlay welding on like and similar type austenitic steels/cast steels in the following applications: Boilers, tanks, agriculture, liquid containers, food machinery, furniture.						
PROPERTIES	CEWELD® 308LSi is a austenitic filler metal for stabilized and non-stabilized CrNi steels. Heat resistant up to 350°C. Excelent toughness properties down to -196°C. Good resistance to nitric acid.						
CLASSIFICATION	AWS	A 5.9: ER308LSi					
	EN ISO	14343-A: G 19 9 L Si					
	W.Nr.	1.4316					
	F-nr	6					
	FM	5					
SUITABLE FOR	ISO 15608: 8.1 Austenitic ≤ 19 % Cr 9%Ni , TÜV 1000: Gr. 21 - 22 (29 max.350°C), 1.4301, 1.4306, 1.4307, 1.4308, 1.4311, 1.4312, 1.6900, 1.6901, 1.6902, 1.6903, 1.9606, 1.4541, 1.4543, 1.4546, 1.4550, 1.4561 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 302, 303, 304L, 304LN, ~304/304H, 312, 321H, 347, 347H, CF3, CF8, UNS S30409, S32109, S34709, S30400, S32100, S34700						
APPROVALS	TÜV: 12386, CE, DB: 43.206.02						
WELDING POSITIONS	     						
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	Cr	Ni	Mo	Cu
	0.016	0.75	1.9	20	10	0.15	0.1
MECHANICAL PROPERTIES	Heat Treatment	R _{p0.2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
					RT	-196°C	
	As Welded	425	585	37	110	40	HRc
REDRYING	Not required						
GAS ACC. EN ISO 14175	M11, M13, M12						



CEWELD 308LSi

308LSi 0,8MM

Packaging	KG/unit	EanCode
BS-300	15	8720663412553
D-100	1	8720663412546
D-200	5	8720663412577
Drum	250	8720663412560

308LSi 0,9MM

Packaging	KG/unit	EanCode
BS-300	15	8720663412539

308LSi 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663412584
D-100	1	8720663412591
D-200	5	8720663412614
Drum	250	8720663412607

308LSi 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663412621
Drum	250	8720663412638

308LSi 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663412645
Drum	250	8720663412652