CEWELD 308L Tig

certilas® THE FILLER METAL SPECIALIST

TYPE

Stainless steel Tig filler metal for welding CrNi 18/10 types.(Type 308L, 19 9 L)

APPLICATIONS

Boilers, agriculture, liquid storage tanks, food machinery, furniture.

PROPERTIES

CEWELD® 308L Tig has good general corrosion resistance. The alloy has a low carbon content, making it particularly recommended where there is a risk of intergranular corrosion.

CLASSIFICATION

AWS	A 5.9: ER308L
EN ISO	14343-A: W 19 9 L
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, 1.4316, 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

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	P	S	Cr	Ni
0.02	0.5	1.5	0.015	0.015	20	10

MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V		Hardness
				RT	-196°C	
As Welded	420	595	37	120	47	HRc

REDRYING

Not required

GAS ACC. EN ISO 14175

I1

CEWELD 308L Tig

certilas® THE FILLER METAL SPECIALIST

308L TIG 1,2 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412348

308L TIG 1,6 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412355

308L TIG 2,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412362

308L TIG 2,4 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412379

308L TIG 3,2 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412386