



CEWELD ER 383 Tig

TYPE ER 383 stainless steel Tig wire for GTAW welding

APPLICATIONS Tanks and process vessels, Piping systems, agitators, rotors, cast pumps and valves for use in the fertilizer, phosphoric, sulphuric and acetic acid plants

PROPERTIES ER 383 is used to weld base metals of similar composition to itself or to other grades of stainless steel. ER383 contains a low maximum of carbon, silicon, and sulfur to decrease the hot cracking and fissuring, while maintaining the resistance to corrosion.

CLASSIFICATION

AWS	A 5.9: ER383
EN ISO	14343-A: W 27 31 4 Cu L
W.Nr.	1.4563
F-nr	6
FM	5

SUITABLE FOR Alloy 825 N08825 , Alloy 825 h Mo N08821, Alloy 28 and Alloy 20 (X1NiCrMoCu31-27-4), Alloy 904L (X1NiCrMoCu25-20-5), 1.4563, 1.4539, NiCr 21 Mo 2.4858, NiCr 21 Mo 6Cu 2.6410, X3NiCrCuMoTi27-23 1.4503

APPROVALS CE

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	P	S	Cr	Ni	Mo	N	Cu
	0.02	0.4	1.55	0.017	0.01	28.2	32.1	3.9	0.05	0.95

MECHANICAL PROPERTIES	Heat Treatment	R _{P0.2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
	As Welded	380	570	38	HRc

REDRYING Not required

GAS ACC. EN ISO 14175 I1, I3



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ER 383 TIG 2,4 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720682050088