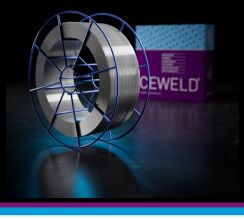

CEWELD ER 383

certilas® THE FILLER METAL SPECIALIST

TYPE	ER 383 Stainless steel Mag welding wire for the GMAW process
TOEPASSINGEN	Tanks and process vessels, Piping systems, agitators, rotors, cast pumps and valves for use in the fertilizer, phosphoric, sulphuric and acetic acid plants
EIGENSCHAPPEN	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.

CLASSIFICATIE

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

GESCHIKT VOOR

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

GOEDKEURINGEN

CE

LASPOSITIES

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

MECHANISCHE WAARDEN

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V	Hardness
				RT	
As Welded	380	570	38	100	HRc

HERDROGEN

Not required

GAS ACC. EN ISO 14175

I1, M21, I3