




CEWELD ER 383

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 (%)	<table border="1"> <thead> <tr> <th>C</th> <th>Si</th> <th>Mn</th> <th>P</th> <th>S</th> <th>Cr</th> <th>Ni</th> <th>Mo</th> <th>N</th> <th>Cu</th> </tr> </thead> <tbody> <tr> <td>0.02</td> <td>0.4</td> <td>1.55</td> <td>0.017</td> <td>0.01</td> <td>28.2</td> <td>32.1</td> <td>3.9</td> <td>0.05</td> <td>0.95</td> </tr> </tbody> </table>										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
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HERDROGEN	Not required																													
GAS ACC. EN ISO 14175	I1, M21, I3																													