









CEWELD 4440 AC

TYPE	Rutile basic Austenitic, non magnetic stainless steel electrode							
APPLICATIONS	For welding stabilized and un-stabilized CrNiMo(N) type of steels with high corrosion resistance. Also suitable for dissimilar welds between steel and stainless steel or dissimilar stainless steels. Mainly used in chemical, paper and cotton industry							
PROPERTIES	High mechanical properties and excellent weldability, corrosion resistance is better than AISI 316 due to the high Mo. content. Suitable for use up to 400 °C. The weld deposit is non magnetic.							
CLASSIFICATION	AWS	A 5.4: E ~317L-17						
	EN ISO	3581-A: E 18 16 5 L R 32						
	F-nr	4						
	FM	5						
	W.Nr.	1.4440						
SUITABLE FOR	Designed for joining corrosion resistant CrNiMoN steel as well as for austenitic-ferritic joints. W.Nrs:1.3941, 1.3952, 1.3953, 1.3955, 1.3958, 1.4406, 1.4429, 1.4435, 1.4438, 1.4439, 1.446, 1.448, 1.449							
APPROVALS	No Approvals Found							
WELDING POSITIONS	     							
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C	Si	Mn	P	S	Cr	Ni	Mo
	0.03	0.8	1.1	0.02	0.015	19	13	3.8
ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} MPa	R _m MPa	A ₅ (%)	Impact Energy (J) ISO-V			
	As Welded /	400	580	32	RT 70			
REDRYING TEMPERATURE	300°C / 2 hr							
GAS ACCORDING EN 14175								



CEWELD 4440 AC

4440 AC 2,5 X 300MM

Type	KG/unit	EANCode
Can	2,0	8720663413093

4440 AC 3,2 X 350MM

Type	KG/unit	EANCode
Can	2,5	8720663413109

4440 AC 4,0 X 350MM

Type	KG/unit	EANCode
Can	2,5	8720663413116