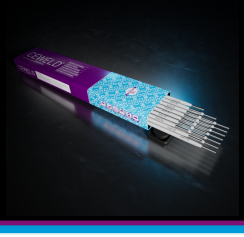


CEWELD 4440 AC

certilas® THE FILLER METAL SPECIALIST

TYPE

Rutile basic Austenitic, non magnetic stainless steel electrode

APPLICATIONS

CEWELD® 4440 AC made 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

CEWELD® 4440 AC have 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.
ISO 15608: 8.1 Austenitic ≤ 19 % Cr , TÜV 1000: Gr. 26, 27, 28
1.4429, 1.4434, 1.4435, 1.4436, 1.4438, 1.4439, 1.4453, 1.4583,
X2CrNiMoN 17 13 5, X2CrNiMoN 17 13 3, X2CrNiMo 18 15 4, X10CrNiMoNb 18 12, X2CrNiMoN17-13-3, X2CrNiMoN18-12-4, X2CrNiMo18-14-3, X3CrNiMnMoN19-16
UNS S31600, S31653, S31703, S31726, S31753
AISI 316Cb, 316L, 316LN, 317L, 317LN, 317LMN

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

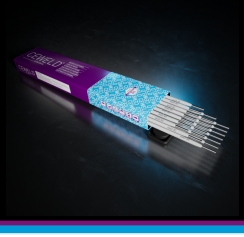
ALL WELD MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ MPa	Rm MPa	A5 (%)	Impact Energy (J) ISO-V RT
As Welded /	400	580	32	70

REDRYING TEMPERATURE

300°C / 2 hr

GAS ACCORDING EN 14175



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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