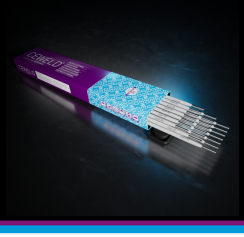


CEWELD 4440 AC

certilas® THE FILLER METAL SPECIALIST

TYPE

Rutile basic Austenitic, non magnetic stainless steel electrode

TOEPASSINGEN

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

EIGENSCHAPPEN

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.

CLASSIFICATIE

AWS	A 5.4: E ~317L-17
EN ISO	3581-A: E 18 16 5 L R 32
W.Nr.	1.4440
F-nr	4
FM	5

GESCHIKT VOOR

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

GOEDKEURINGEN

LASPOSITIES

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

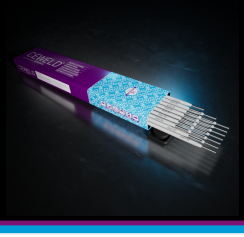
MECHANISCHE WAARDEN

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

HERDROGEN

300°C / 2 hr

GAS ACC. EN ISO 14175



CEWELD 4440 AC

certilas® THE FILLER METAL SPECIALIST

4440 AC 2,5 X 300MM

Packaging	KG/unit	EanCode
Can	2,0	8720663413093

4440 AC 3,2 X 350MM

Packaging	KG/unit	EanCode
Can	2,5	8720663413109

4440 AC 4,0 X 350MM

Packaging	KG/unit	EanCode
Can	2,5	8720663413116