

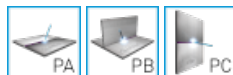


CEWELD SA 308H

TYPE	Solid stainless steel wire for submerged arc welding (SAW). (Type 19 9 H, 1.4302)	
APPLICATIONS	Welding stainless steel types with an alloy content between 16 to 21%Cr and 8 to 13 %Ni, with high carbon content. The names 18-8, 19-9, and 20-10 are often associated with filler metals of this classification. Suitable for boilers, agriculture, liquid storage tanks, food machinery, furniture etc.	
PROPERTIES	Higher temperature and scale resistance than standard (L) types. Alloy has a high carbon content which make this alloy suitable for applications used at higher temperatures. Best to be used with our agglomerated flux CEWELD® FL 8111	
CLASSIFICATION	AWS	A 5.9: ER308H
	EN ISO	14343-A: G 19 9 H
	W.Nr.	1.4302
	F-nr	6
	FM	5
SUITABLE FOR	ISO 15608: 8.1 Austenitic ≤ 19 % Cr 9 % Ni, TÜV 1000: Gr. 21, 1.4301, 1.4308, 1.6900, 1.6901, 1.6902, 1.6903, 1.9606 X 5 CrNi 18 10, X 5 CrNi 18 9, G-X 6 CrNi 18 9, X 12 CrNi 18 9, G-X 8 CrNi 18 10, X 6 CrNi 18 10, X 10 CrNiTi 18 10, X 5 CrNi 18 10 AISI 304, 304H, 312, 321H, 347, 347H, UNS S30409, S32109, S34709, S30400, S32100, S34700	

APPROVALS

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	P	Cr	Ni	Mo
0.06	0.5	2	0.2	20.5	10	0.2

MECHANICAL PROPERTIES

Heat Treatment	R _{p0.2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
				RT	-196°C	
As Welded	400	610	36	120	50	HRc

REDRYING

Not required

GAS ACC. EN ISO 14175



CEWELD SA 308H

SA 308H 3,2MM

Packaging	KG/unit	EanCode
K-415	25	8720663405449