

DESCRIPTION

Executive 308/308L is an all-position stainless steel flux cored wire that provides superior weldability, low spatter and smooth beads with easy slag removal. Austenitic stainless steel flux cored wire.

Due to the lower carbon content in the weld deposit, it is possible to obtain resistance to inter granular corrosion even though used in as-weld condition.

APPLICATIONS & FEATURES

Generally used with 100% CO₂ shielding gas or mixtures of Ar+20~25% CO₂ in all positional welding applications. Used to join 301, 302, and 304 stainless steel. This alloy may also be used for welding types 321 and 347 if the service conditions do not exceed 750F (399C).

Commonly used in general fabrication in chemical industry and food processing applications.

TYPICAL WIRE CHEMISTRY & MECHANICAL PROPERTIES

C	Cr	Ni	Mo	Mn	Si	P	S	Cu	
0.02	18.88	9.03	0.08	1.47	0.97	0.02	0.01	0.10	
Tensile Strength:		78,900 PSI min						Elongation:	42%
Yield Strength:		61,100 PSI min							

TYPICAL WELDING PARAMETERS

Diameter	Voltage	Amperage	WFS (in/min)	Shielding Gas*
.045"	24	130	225	100% CO ₂ or Ar + 20-25% CO ₂
.045"	27	175	320	
.045"	30	240	530	
.062"	27	195	152	100% CO ₂ or Ar + 20-25% CO ₂
.062"	31	260	260	
.062"	34	320	360	

*Shielding gas flow rate 35 to 50 CFH. For 100% CO₂ use two volts higher than shown

STANDARD PACKAGING

FCAW 33-lb plastic spools 1,980-lb pallet

CLASSIFICATION

AWS/SFA 5.22, Class **E308/308LT1-1/4**

