

AWS ER308L

DESCRIPTION:

AWS ER308L is an ultra-low carbon austenitic stainless steel submerged arc welding wire. The weld metal has good resistance to intergranular corrosion with the corresponding flux.

APPLICATION:

Used for the stainless steel welding with flux (such as SJ601, HJ260, etc.) for composition of ultra-low carbon 18Cr-8Ni, ultra-low carbon 20Cr-10Ni austenitic such as 03Cr19Ni9 (304L).

Chemical Composition of Wire: (%)

	C	Mn	Si	S	P	Cr	Ni
Standard	≤0.03	1.00-2.50	≤0.60	≤0.020	≤0.030	19.50-22.00	9.00-11.00

Deposited metal mechanical properties(GB/T 17854 with flux SJ601)

Test Project	Rm/MPa	A(%)
Standard	≥480	≥25