

OK Autrod 316L

SAW
ER316L

Description

A continuous, solid, corrosion-resistant, chromium-nickel-molybdenum wire for welding austenitic stainless alloys of the 18% Cr-8% Ni and 18% Cr-8% Ni-3% Mo types. OK Autrod 316L has good general corrosion resistance. In particular, the alloy has very good resistance to corrosion in acid and chlorinated environments. The alloy has a low carbon content which makes it particularly recommended where there is a risk of intergranular corrosion. The alloy is widely used in the chemical and food-processing industries, as well as in shipbuilding and various types of architectural structure. OK Autrod 316L can be used in combination with OK Flux 10.93 or OK Flux 10.92.

Classifications

SFA/AWS A5.9	ER316L
EN 12072	S 19 12 3 L

Wire composition (%)

C	Si	Mn	Cr	Ni	Mo	Cu
<0.03	0.5	1.8	19.0	12.5	2.8	<0.3