

OK Autrod 316L

A continuous, solid, corrosion-resistant wire for welding austenitic stainless alloys of the 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. Arcaloy ER316L has a low carbon content which makes it particularly recommended where there is a risk of intergranular corrosion. The alloy is widely used in chemical and food-processing industries, as well as shipbuilding and various types of architectural structure. OK Autrod 316L can be used in combination with OK Flux 10.93, 10.94 or OK Flux 10.95.

Specifications

Classifications	EN ISO 14343-A : S 19 12 3 L SFA/AWS A5.9 : ER316L
Approvals	CE : EN 13479 DB : 52.039.16 UKCA : EN 13479 VdTÜV : 12101

Approvals are based on factory location. Please contact ESAB for more information.

Alloy Type	Austenitic (with approx. 10 % ferrite) 19% Cr - 12% Ni - 3% Mo - Low C
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Typical Wire Composition %

C	Mn	Si	Ni	Cr	Mo	N	FN WRC-92
0.01	1.7	0.4	12.0	18.2	2.6	0.04	7