

OK Autrod 316L

A continuous solid corrosion resisting chromium-nickel-molybdenum wire for welding of austenitic stainless alloys of 18 % Cr - 8 % Ni and 18 % Cr - 8 % Ni - 3 % Mo-types. OK Autrod 316L has a good general corrosion resistance, in particular the alloy has very good resistance against 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 ship building and various types of architectural structures. OK Autrod 316L can be used in combination with OK Flux 10.93.

Classifications	EN ISO 14343-A : S 19 12 3 L SFA/AWS A5.9 : ER316L
Approvals	CE : EN 13479 DB : 52.039.16 NAKS/HAKC : 1.6-4.0 mm VdTÜV : 12101

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