OK Autrod 316L

A continous 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 particularly the alloy has very good resistance against corrosion in acid and chlorinated environments. The alloy ha a low carbon content which makes it particularly recommended were 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 architectual structures. OK Autrod 316L can be used in combination with OK Flux 10.93.

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

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