



# Product Data Sheet

S 'Submerged arc welding'

## OK Autrod 308L

Signed by Solveig Rigdal	Approved by Martin Kubenka/Christos Skodras	Reg no EN004088	Cancelling EN003535	Reg date 2007-09-17	Page 1 (1)
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### REASON FOR ISSUE

New EN ISO. Former name OK Autrod 16.10.

### GENERAL

A continuous solid corrosion resisting chromium-nickel wire.

OK Autrod 308L has a good general corrosion resistance.

The alloy has a low carbon content which makes this alloy 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 for pipes, tubes and boilers. OK Autrod 308L can be used in combination with OK Flux 10.93.

**Alloy Type:** Austenitic (with approx. 10 % ferrite) 19% Cr - 9% Ni - Low C

### CLASSIFICATIONS Wire Electrode

EN ISO 14343      S 19 9 L  
SFA/AWS A5.9      ER308L

### APPROVALS

CE                      EN 13479  
DB                      52.039.15

### APPROVALS COMMENTS

All others: See Flux-Wire combinations

### CHEMICAL COMPOSITION

	Wire/Strip (%)	
	Min	Max
C		0.030
Si	0.30	0.65
Mn	1.5	2.0
P		0.030
S		0.020
Cr	19.5	21.0
Ni	9.0	11.0
Mo		0.3
Cu		0.3
N		0.08
Others tot		0.50