

## Cored Wires Stainless and Heat resistant steels

Fluxinox 904L is a rutile flux cored wire for welding austenitic stainless steel type AISI 904L. Good weldability, easy slag removal, good bead appearance. Suitable for welding in all positions.

### Classification

AWS A5.22: similar to E385LT1-1/4

### Approvals

### Grades

### Analysis of all-weld metal (Typical values in %)

C	Mn	Si	P	S	Cr	Ni	Mo	Nb	Cu	N	Ferrite
0.03	1.60	0.50	≤ 0.020	≤ 0.020	21	26	4.50	-	1.40	-	-

### All-weld metal Mechanical Properties

Heat Treatment	Yield Strength N/mm <sup>2</sup>	Tensile Strength N/mm <sup>2</sup>	Elongation A5 (%)	Impact Energy ISO - V (J) -20°C	Hardness
As Welded	≥ 430	≥ 640	≥ 32	≥ 70	-

Gas test: Acc. To EN 439: M21(Arcal 21-Atal 6)

**Shielding Gas:** Acc. To EN 439: M21(Arcal21-Atal6) or C1(Arcal 2)

### Materials

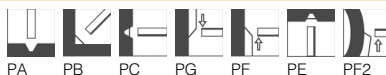
URANUS B6; AISI 904L; 1.4539 (X1NiCrMoCu25-20-5); 1.4439 (X2CrNiMoN17-13-5); 1.4537 (X1CrNiMoCuN25-25-5)

### Storage

Keep dry and avoid condensation

### Current condition and welding position

DC+



**Packaging data:** K300 kg. 16

Diameters	1,2					
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