

## Cored Wires Stainless and Heat resistant steels

Fluxinox 430TI is a metal cored wire for the welding of 17% Chromium stainless steel. Applications include catalytic exhaust systems in the automotive industry.

Classification	
AWS	A5.22: E 430 T0-G

Approvals	Grades

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

C	Mn	Si	P	S	Cr	Ni	Mo	Nb	Cu	N	Ferrite
0.02	0.20	0.20	≤ 0.015	≤ 0.010	15-18	-	-	-	-	-	5-10

### 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)	Hardness
As Welded	≥ 380	≥ 540	≥ 30	-	-

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

For 17 % Cr-Steel

### Storage

Keep dry and avoid condensation

### Current condition and welding position

DC+



**Packaging data:** K300 kg. 16

Diameters	1,2	1,4			