

FLUXINOX 307

TOP FEATURES

- Application of standard Ar/CO₂ or CO₂ shielding gases optimizes welding cost.
- Optimal semiautomatic process for positional welding, high productivity reduces labor and total welding costs.
- Reduced spatter, better performance and weldability comparing to solid wires.
- Fluxinox 307 delivers welds with high corrosion resistance due to low carbon and balanced chemical composition.
- Savings in total welding cost resulting from reduced cleaning. Spatter free welds with easy slag removal.

CLASSIFICATION

EN ISO 17633-A T 18 8 Mn R M21 3
T 18 8 Mn R C1 3

CURRENT TYPE

DC+

WELDING POSITIONS

Flat/Horizontal

SHIELDING GASES (ACC. EN ISO 14175)

C1 Active gas 100% CO₂
M21 Mixed gas Ar+ >15-25% CO₂

CHEMICAL COMPOSITION (WEIGHT %), TYPICAL, ALL WELD METAL

C	Mn	Si	Cr	Ni
0.04	6.5	0.7	19	9

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Shielding gas	Condition*	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	Impact ISO-V (J) 20°C
Typical values	M21	AW	≥400	600-700	≥30	≥30

* AW = As welded

Gas test: 82% Ar + 18% CO₂

PACKAGING AND AVAILABLE SIZES

Wire diameter (mm)	Packaging	Weight (kg)	Item number
1.2	SPOOL (BS300)	15.0	W000281317

TEST RESULTS

Test results for mechanical properties, deposit or electrode composition and diffusible hydrogen levels were obtained from a weld produced and tested according to prescribed standards, and should not be assumed to be the expected results in a particular application or weldment. Actual results will vary depending on many factors, including, but not limited to, weld procedure, plate chemistry and temperature, weldment design and fabrication methods. Users are cautioned to confirm by qualification testing, or other appropriate means, the suitability of any welding consumable and procedure before use in the intended application

Safety Data Sheets (SDS) are available here:



Subject to Change – The information is accurate to the best of our knowledge at the time of printing.
Please refer to www.lincolnelectric.eu for any updated information.