SUPERFONTE NiFe

TOP FEATURES

- Higher weld metal strength than SUPERFONTE Ni.
- Easy striking, stable arc, finely-rippled bead surface.
- Weld at low heat input with short beads, ~10 to 30 mm, and hammer peen. Weld metal can be machined.

CLASSIFICATION

AWS A5.15	ENiFe-CI
EN ISO 1071	E C NiFe-CI 1

CURRENT TYPE

AC, DC-, DC+

WELDING POSITIONS

All position, except vertical down

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

C	Fe	Ni
0.6	40	Rem.

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Condition*	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	Hardness (HB)
AWS A5.15	AW	296-434	400-579	6-18	165-218
EN ISO 1071-A	AW	≥250	≥350	≥6	not specified
Typical values	AW	300	460	10	175

* AW = As welded

OUTPUT RANGE

Diameter x Length (mm)	Current range (A)
2.5x300	50-70
3.2x300	70-90
4.0x350	100-120

PACKAGING AND AVAILABLE SIZES

Diameter x Length (mm)	Packaging	Electrodes/pack	Net weight/pack (kg)	Item number
2.5 x 300	VPMD	130	2.1	W100258513
3.2 x 300	VPMD	80	2.1	W100258514
4.0 x 350	VPMD	49	2.4	W100258515

Safety Data Sheets (SDS) are available here: