

Lincolnweld® LA-100

Key Features

- A low carbon, high manganese wire with nickel and molybdenum designed to weld high strength steels such as HY-80 and HSLA-80
- Delivers yield strength greater than 690 MPa (100 ksi)

Conformances

AWS A5.23/A5.23M: 2007 EM2

EN ISO 26304-A: SZ

Recommended Fluxes

Lincolnweld® 880, 880M, 888, 960

Diameter / Packaging

Diameter	Part Number	Packaging
2.0	ED011002	Coil 27.2kg

Typical Wire Composition

As Required per AWS A5.23 / A5.23M

		%C	%Mn	%Si
Lincolnweld® LA-100		0.10	1.25-1.80	0.20-0.60
%Cr	%Ni	%Mo	%Ti	%Zr
0.30	1.40-2.10	0.25-0.55	0.10	0.10
%Al	%V	%S	%P	%Cu
0.10	0.05	0.015	0.010	0.25

Lincolnweld® LAC-Ni2

Key Features

- When used with Lincolnweld® 888 flux, it can produce impact properties exceeding 27J @ -73°C required when welding ASTM A350 LF1 and LF2 forgings
- A 2% nickel cored wire used in weathering steel applications

Conformances

AWS A5.23/A5.23M: ECNi2

Recommended Fluxes

Lincolnweld® 880, 880M, 888, 980

Diameter / Packaging

Diameter	Part Number	Packaging
2.4	ED010986	Coil 22.7kg