

Lincolnweld® L-S3

Key Features

- A low carbon, high manganese, medium silicon electrode for use with the Lincolnweld® 800 series of fluxes
- Capable of producing weld deposits with impact properties exceeding 27J @ -62°C when used with Lincolnweld® 888 and 8500 neutral fluxes

Conformances

AWS A5.17/A5.17M: EH12K

AS/NZS ISO 14171-B: SU42

Recommended Fluxes

Lincolnweld® 860, 880M, 882, 888, 8500, P223

Diameter / Packaging

Diameter	Part Number	Packaging
2.0	030400	Coil 25kg
2.4	030401	Coil 25kg
3.2	030402	Coil 25kg
4.0	030403	Coil 25kg

Typical Wire Composition

As Required per AWS A5.17 / A5.17M

		%C	%Mn
Lincolnweld® L-S3		0.06-0.15	1.50-2.00
%Si	%S	%P	%Cu
0.25-0.65	0.025	0.025	0.35

Lincolnweld® LA-71

Key Features

- A low carbon, medium manganese, medium silicon electrode containing approximately 0.1% titanium for stress relieving applications
- Widely used with neutral basic fluxes in both as-welded and post-weld heat treated conditions

Conformances

AWS A5.17/A5.17M: EM14K

AS/NZS ISO 14171-B: SU24

Recommended Fluxes

Lincolnweld® 860, 865, 880M, 888, 8500, 960, P223

Diameter / Packaging

Diameter	Part Number	Packaging
2.4	ED011052	Coil 27.2kg
3.2	ED011051	Coil 27.2kg
4.0	ED011053	Coil 27.2kg

Typical Wire Composition

As Required per AWS A5.17 / A5.17M

			%C	%Mn
Lincolnweld® LA-71			0.06-0.19	0.90-1.40
%Si	%Ti	%S	%P	%Cu
0.35-0.75	0.03-0.17	0.025	0.025	0.35