



BLUESHIELD™ LA 7014

Mild Steel Electrode

STANDARDS

CSA W48-01-M/W48-06, Class E4914
AWS A5.1, Class E7014

DESCRIPTION & APPLICATIONS

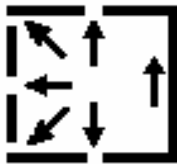
It is a rutile based, all-position, high-speed welding electrode operating on AC or DC current. It is used as an all-purpose welding electrode to weld a variety of steels including low-to-medium carbon steels.

- Include the home hobbyist and farm maintenance and repair.

THE **BLUESHIELD™** ADVANTAGE

- Ease of operation with excellent strike and re-strike characteristics.
- Iron powder in the coating increases deposition rates and efficiencies resulting in higher welding speeds.

TYPICAL WELDING PARAMETERS



- Designed to be used with AC or DC current.
- With DC current, electrode negative is usually preferred
- Can be used with either an open arc or drag technique

Diameter		Amperage Range	Optimum Current
mm	in		
2.5	3/32	75 – 95	80
3.2	1/8	115 – 150	130
4.0	5/32	125 – 200	175
5.0	3/16	175 – 275	240

TYPICAL CHEMISTRY

C	Cr	Ni	Mo	P	S	Mn	Si	V	Mn + Ni + Cr + Mo + V
0.09	0.03	0.03	0.01	0.014	0.011	0.45	0.36	0.01	0.53

TYPICAL MECHANICAL PROPERTIES

	As Welded	
Tensile Strength	535 MPa	76 ksi
Yield Strength	458 MPa	66 ksi
Elongation in 40 mm – 1.5 in	26 %	26 %

PACKAGING

Diameter		Length		Packaging		Item Number
mm	in	mm	in	kg	lb	
2.5	3/32	300	12	4 x 2.5	4 x 5.5	BLU-30971406
3.2	1/8	350	14	4 x 5	4 x 11	BLU-30971408
4.0	5/32	350	14	4 x 5	4 x 11	BLU-30971410
5.0	3/16	350	14	4 x 5	4 x 11	BLU-30971412