

## Luvaweld®

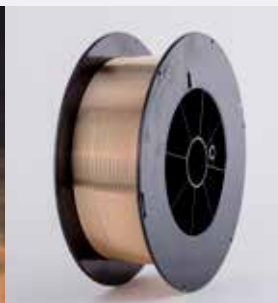
MIG and braze welding wire

### Wire characteristics

- Seamless
- Tangle Free
- Consistent roundness, diameter and helix
- Homogeneous
- Contaminate free

### Value add

- Experienced technical support and on site assistance
- Single integrated global supply chain
- Customer-specific wire to meet exact specifications
- Strong customer focus with outstanding customer service
- One stop shopping for wire, MIG brazing tips and resistance welding electrodes



### About Luvata

Luvata is a world leader in metal solutions manufacturing and related engineering services to industries such as renewable energy, automotive, healthcare, and power generation and distribution. The company's continued success is attributed to its longevity, technological excellence and strategy of building partnerships beyond metals. Employing over 1,400 staff in 7 countries, Luvata works in partnership with customers such as ABB, CERN, Siemens and Toyota. Luvata is a group company of Mitsubishi Materials Corporation.

## Specifications

CDA	C65600	C61000	C61800
Din 1733	SG-CuSi3Mn	SG-CuAl8	SG-CuAl10Fe
Material No.	2.1461	2.0921	2.0937
En 14640	CuSi3Mn	CuAl8	CuAl10Fe
BS2901 part 3	C 9	C 28	C 13
AWS A 5.7	ER CuSi-A	ER CuAl-A1	ER CuAl-A2
Electrical conductivity (S*m/mm <sup>2</sup> )	3-4	8	7
Density (kg/dm <sup>3</sup> )	8.5	7.7	7.5
Solidus-Temperature (°C)	910	1030	1030
Liquidus-Temperature (°C)	1025	1040	1090
Tensile strength Rm (MPa)	330-370	390-450	390-500
Hardness (HB)	80-90	140	140

## Wire Diameter

Inches	0.030"	0.035"	0.039"	0.045"	0.063"	0.079"	0.094"	0.125"
Millimeters	0.8 mm	0.9 mm	1.0 mm	1.2 mm	1.6 mm	2.0 mm	2.4 mm	3.2 mm

## Wire Packaging

	Spools			Drums		
Pounds	10 lb	22 lb	33 lb	250 lb	441 lb	500 lb
Kilograms	4.5 kg	10 kg	15 kg	100 kg	200 kg	227 kg

## Fully integrated production for a complete welding solution

In addition to welding wire, Luvata also offers a line of dispersion strengthened copper contact tips for more demanding applications requiring high wear characteristics and resistance to welding.



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