

## Luvaweld®

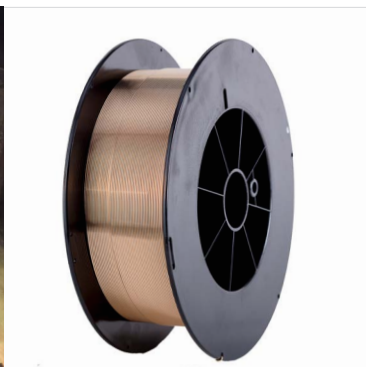
MIG and braze welding wire

### 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 copper manufacturing and related engineering services. It brings together people, innovation and technology to create solutions in areas such as e-mobility, healthcare, and in electrification & the green transition. The company's success is driven by innovation, lean production and value-added sales, and its vision is to provide copper solutions which benefit people, society and the earth. Employing over 1,400 staff on four continents, Luvata works in partnership with customers such as ABB, CERN and Siemens. Luvata is a group company of Mitsubishi Materials Corporation.

## Specifications

CDA	C65600	C61000	C61800
Din 1733	SG-CuSi <sub>3</sub> Mn	SG-CuAl <sub>8</sub>	SG-CuAl <sub>10</sub> Fe
Material No.	2.1461	2.0921	2.0937
En 14640	CuSi <sub>3</sub> Mn	CuAl <sub>8</sub>	CuAl <sub>10</sub> Fe
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	100	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 lbs	22 lbs	33 lbs	250 lbs	441 lbs	500 lbs
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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