



ADVANCE METAL POWDER
Your Zero Inventory Partner

ADVANCE  FORGE
OTHER ALLOYS

The decorative graphic element consists of a series of thin, light blue lines that curve from the bottom left towards the top right, creating a fan-like effect.



VERSATILITY AND STRENGTH,
BUILT FOR CHALLENGING TASKS



ADVANCE **FORGE**
OTHER ALLOYS

TIG | MIG | SAW

ADVANCE **FORGE** Copper and Copper Alloys offer a unique combination of material properties that makes them advantageous for many manufacturing environments.

They are widely used because of their:

- Excellent electrical and thermal conductivities,
- Outstanding resistance to corrosion,
- Ease of fabrication, and
- Good strength and fatigue resistance.

Other useful characteristics include:

- Spark resistance,
- Metal-to-metal wear resistance,
- Low-permeability properties, and
- Distinctive color.

Other Alloy Wires

MIG

FORGE MIG wires are crafted for adaptability and strength, ensuring dependable performance in various welding tasks.

Size (mm)	Size (inch)	Fraction
0.80	0.030"	- - -
0.90	0.035"	- - -
1.00	0.040"	- - -
1.20	0.045"	- - -
1.60	0.062"	1/16"



Plastic Spool SD300



12.5 kgs / 15 kgs / 20 kgs
25 lbs / 30 lbs

Plastic Spool SD200



5 kgs
10 lbs

Plastic Spool SD100



1 kgs
2 lbs

TIG

FORGE TIG wires combines versatility with strength, designed to excel in industrial applications requiring reliable and durable solutions.

Size (mm)	Size (inch)	Fraction
1.60	0.062"	1/16"
2.00	0.078"	- - -
2.40	0.094"	3/32"
3.20	0.125"	1/8"
4.00	0.156"	5/32"

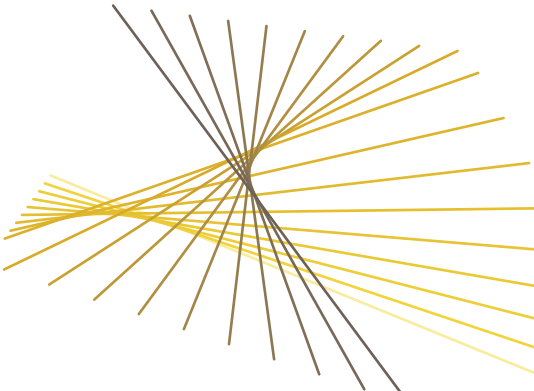


Plastic Tubes



5 kgs
10 lbs

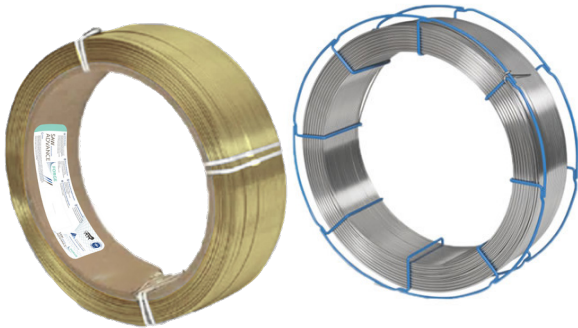
10 kgs
20 lbs





FORGE SAW wire is designed for toughness, offering strong and reliable performance in even the most rigorous welding scenarios.

Size (mm)	Size (inch)	Fraction
1.60	0.062"	1/16"
2.00	0.078"	- - -
2.40	0.094"	3/32"
3.20	0.125"	1/8"
4.00	0.156"	5/32"
5.00	0.187"	3/16"



Metal Ring Box Packing



25 kgs

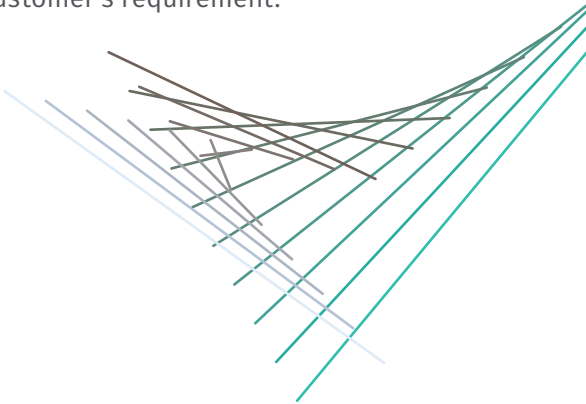
60 lbs



We manufacture high quality Copper and Copper Alloy wires for welding electrodes in sizes 2.00 mm (0.078") - 5.00 mm (0.187") in bright as well as in matte finish.

The Copper and Copper Alloy wires for welding electrodes are supplied in coil as well as in cut length as per AWS, DIN, BS, JIS and other equivalent international standards or as per the customer's requirement.

Size (mm)	Size (inch)	Fraction
2.00	0.078"	- - -
2.40	0.094"	3/32"
2.50	0.098"	- - -
3.15	0.124"	- - -
3.20	0.125"	1/8"
4.00	0.156"	5/32"
5.00	0.187"	3/16"

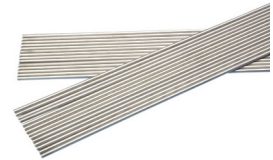


Coil Form



As per customer's request

Cut Length



As per customer's request

Other Alloy Filler Wires

Filler Wires for Copper and Copper Alloys Welding

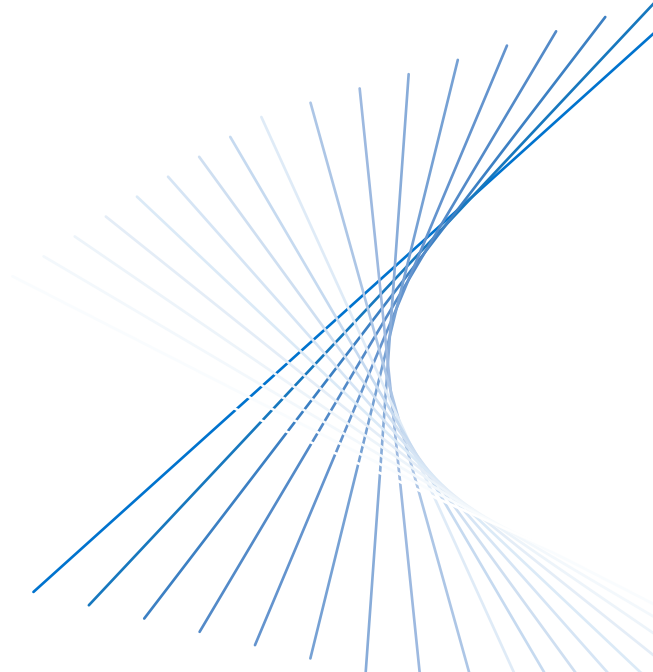
TIG

MIG

SAW

CORE

Grade	Designations
	AWS A5.14
Monel	MONEL
Phosphorus Bronze	ERCUSN-A
Aluminium Bronze	ERCUAL-A2
Silicon Bronze	ERCUSI-A
Cupro-Nickel 70:30	CU-NI 70:30
Cupro-Nickel 90:10	CU-NI 90:10



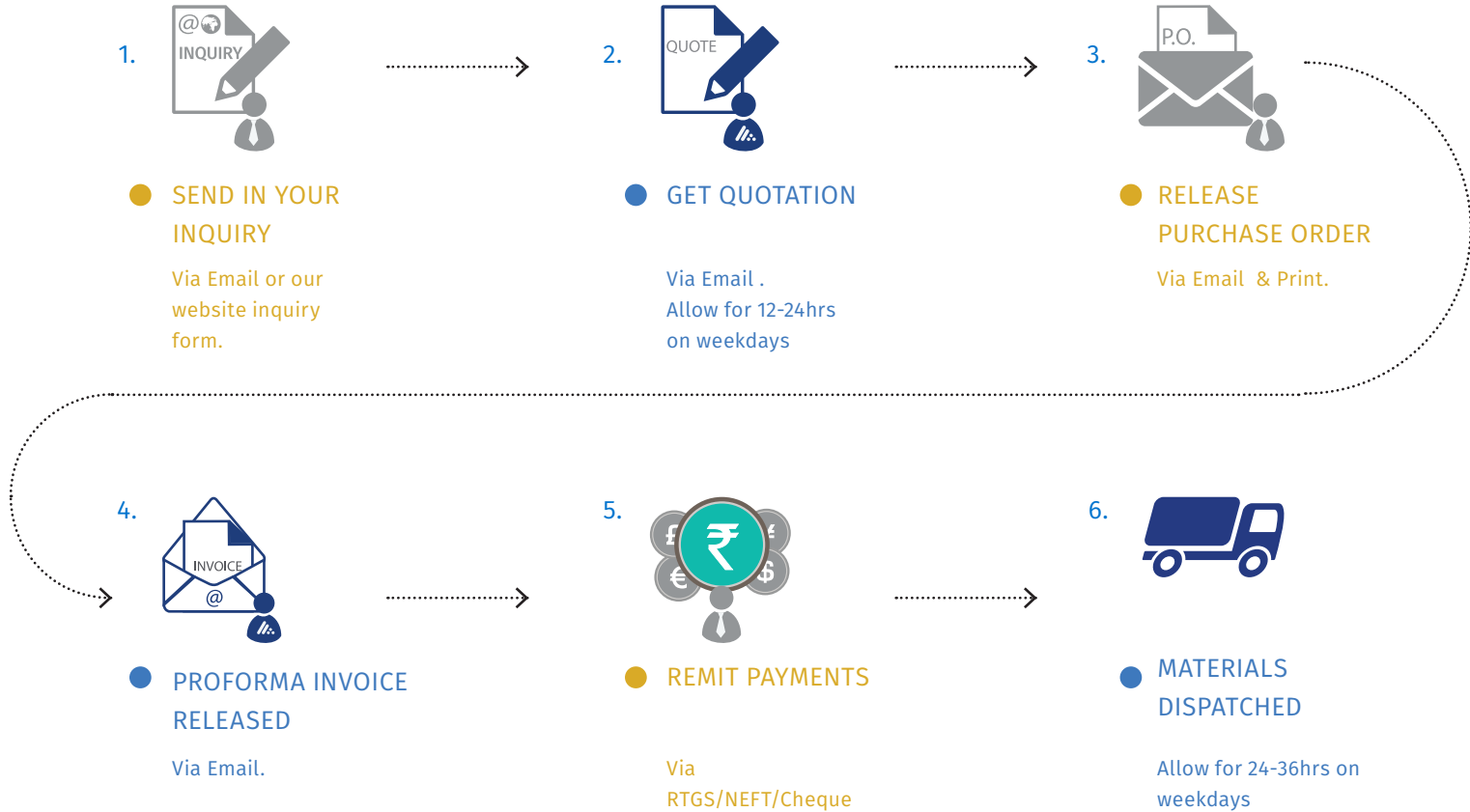
C H E M I C A L C O M P O S I T I O N

TIG Filler Wires for Copper and Copper Alloys Welding

AWS	Composition, Wt %														
Classifications	Cu+Ag	Zn	Sn	Mn	Fe	Si	Ni+Co	P	Al	Pb	Ti	C	S	Cu	Ni
MONEL	Bal	-	-	1.00	0.75	0.25	29.0-32.0	0.02	-	0.02	0.5	-	-	-	-
ER CUAL A2	Rem	0.02	-	-	1.5	0.10	-	-	8.5-11.0	0.02	-	-	-	-	-
ER CUSN A	Rem	-	4.0-6.0	-	-	-	-	0.10-0.35	0.01	0.02	-	-	-	-	-
ER CUSI A	Rem	1.0	1.0	1.5	0.50	2.8-4.0	-	-	0.01	0.02	-	-	-	-	-
ER CUNI (70:30)	-	-	-	1.0	0.40	0.50	-	0.020	-	-	-	0.10	0.015	65.0-70.0	29.0-32.0
ER CUNI (90:10)	-	-	-	1.50	0.50-1.5	0.20	-	0.020	-	-	0.1-0.50	0.05	0.010	Bal.	9.0-11.0

- Single Values are Maximum
- Other elements total:0.50 max

H O W I T W O R K S





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