

ROMIG-70S 3

COPPER COATED CONTINUOUS OR CUT LENGTH
SOLID WIRE FOR TIG/MIG WELDING

DIN 8559: SG3
BASIC ALLOY: FE, MN, SI
AWS: SFA/A 5.18: ER70S3
EN ISO 14341-B G2SI

KEY FEATURES:

ER70S 3 copper coated solid welding wire for suitable all types of general fabrication and carbon steels applications, its si and Mn deoxidized making a good welding performance ,

APPLICATIONS

- General Fabrication
- Metal fabrication and sheet metals
- General form equipment's

SHEILDING GAS:

- MIG welding with CO2 gas and Ar+ CO2 gas mixture, TIG welding with Argon gas

CHEMICAL COMPOSITION:

C	Mn	Si	S	P	Cu
0.06-0.15	0.90-1.45	0.45-0.75	0.035 Max	0.025 Max	0.50 Max

MECHANICAL PROPERTIES:

YS (N/mm ²)	UTS (N/mm ²)	EL % (l=5d)	CHARPY "V" NOTCH IMPACT @
420 min.	520 min.	22 min.	Minus 30C : 50-60 J

WELDING POSITION



DIEMENSION, CURRENT CONDITION & PACKING DATA (FOR MIG WELDING)

Size (mm)	Size (inch)	Current Condition (DC+)	Voltage (V)	Gas Flow Rate L/min	Spool packing 12.5 kg	Spool packing 15 kg	Drum packing 100/200kg
0.80	0.031	70-220	16-24	10-20	✓	✓	X
1.20	0.047	150-300	24-34	15-25	✓	✓	✓
1.60	1/16"	150-350	28-36	15-30	✓	✓	✓

DIEMENSION, CURRENT CONDITION & PACKING DATA (FOR TIG WELDING)

Size (mm)	Size (inch)	Length (mm)	Length (Inch)	Current Condition (DC-)	Voltage (V)	Tube packing 5 kg	Box packing 20 kg
1.60	1/ 16"	1000	36"	40-80	10-16	✓	✓
2.0	5/ 64"	1000	36"	50-100	12-18	✓	✓
2.4/ 2.5	3/ 32"	1000	36"	60-120	14-20	✓	✓
3.2	1/ 8"	1000	36"	100-150	16-24	✓	✓
4.0	5/ 32	1000	36"	140-200	18-28	✓	✓