

JACKSUN MIG-45

COPPER COATED OR WITHOUT COATED CUT
LENGTH SOLID WIRE FOR OXYFUEL WELDING

BASIC ALLOY: FE, MN,
AWS: SFA/A 5.2 RG45

KEY FEATURES:

RG45 is a copper coated low carbon steel rod which is widely used for oxyfuel welding on mild steel. It has good ductility and good machinability. Its typical minimum weld tensile strength is 45 ksi and it conforms to AWS A5.2.

APPLICATIONS

- suitable for tensile strength requirement of the steel does not exceed 300 N/mm².
- welding sheet and pipe where high strength is not required.

SHEILDING GAS:

- Oxyfuel Gas

CHEMICAL COMPOSITION:

C	Mn	Si	S	P	Cu
0.080 Max,	0.50 Max.	0.10 Max.	0.040 Max	0.035 Max.	0.30 Max

MECHANICAL PROPERTIES:

YS (N/mm ²)	UTS (N/mm)	EL % (l=5d)	CHARPY "V" NOTCH IMPACT @
270 min.	300 min.	22 min.	0C : 27-50 J

WELDING POSITION



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	✓	✓