



# JACKSUN - 71T-1C

## MILD STEEL FLUX CORED WIRE FOR MIG/MAG WELDING

### GRADES

AWS A/SFA 5.20 E71T-1C

### CHARACTERISTICS

Jacksun 71T-1C is a rutile type flux cored wire applicable for all position welding with CO<sub>2</sub> gas shielding. This can be used with blends of argon / 5-20% CO<sub>2</sub> shielding also. It shows excellent welding performance and higher efficiency in welding.

### APPLICATIONS

It is widely used for structures fabricated with mild steel & 490 MPa grade tensile strength steels such as ships, pressure vessels, machinery, bridges and so on.

### WIRE CHEMISTRY

**CARBON** - 0.12 MAX

**MANGANESE** - 1.75 MAX

**SILICON** - 0.90 MAX

**PHOSPHORUS** - 0.03 MAX

**SULPHUR** - 0.03 MAX

### WELDING CURRENT SETTINGS AND PARAMETERS

S.NO	SIZE IN MM	CURRENT (DC+) AMPS
1	1.20	120 - 300
2	1.60	180 - 430

## MECHANICAL PROPERTIES OF WELD METAL

YS MPa	TS MPa	ELONGATION (L=4d)%	IMPACT (CVN) AT - 20° C
390 MIN	490 - 670 MIN	22 MIN	27 MIN

## PACKAGING

100% Precision Layer Winded in Plastic Spools  
15 Kgs wire in Plastic Spool. This wire is carefully protected from moisture contamination using the vaccum-sealed foil bag packaging.

## SIZES (MM)

1.20, 1.60

## CONTACT

### ROYAL WELDING WIRES PRIVATE LIMITED

#### An ISO 9001 - 2015 Certified Company

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