

# STRONG 70S-G

CLASSIFICATION: AWS SFA 5.18 ER 70S-G

## Copper Coated Solid Wire For MIG & TIG Welding



### CHARACTERISTICS

STRONG 70S-G is a copper coated low carbon steel wire with very low impurities and higher levels of Manganese than typical low carbon steel wires for MIG & TIG welding. It provides excellent weld bead appearance on flat or horizontal welding positions.

### APPLICATIONS

STRONG 70S-G can be used for general steel frame fabrication, automotive components, farm equipment, construction equipment, pressure vessels, ship building and pipe fabrication. Welders should avoid welding steels which have oil, mill scale, or other contaminants.

### TYPICAL WIRE CHEMISTRY (%)

C	Mn	Si	P	S	Cu
0.07-0.10	1.55-1.85	0.80-1.10	0.025 MAX	0.025 MAX	0.50 MAX

### ALL WELD MECHANICAL PROPERTIES

Required as per AWS 5.18	Y.S.	U.T.S.	ELONGATION	IMPACT VALUE AT -30°C
	MPa	MPa	%	JOULE
	≥400	≥480	≥22	≥27
Typical	490	585	28	88

### PACKAGING SPECIFICATIONS - MIG

DIA SIZE 0.80MM / 1.00MM / 1.20MM / 1.60MM / 2.00MM

SPOOL WEIGHT 1KGS / 5KGS / 12.5KGS / 15KGS / 17.5KGS

DRUM WEIGHT 100KGS / 150KGS / 250KGS / 300KGS / 350KGS

### PACKAGING SPECIFICATIONS - TIG

DIA SIZE 1.60MM / 2.00MM / 2.40MM / 3.15MM / 4.00MM

WEIGHT 5KGS / 20KGS