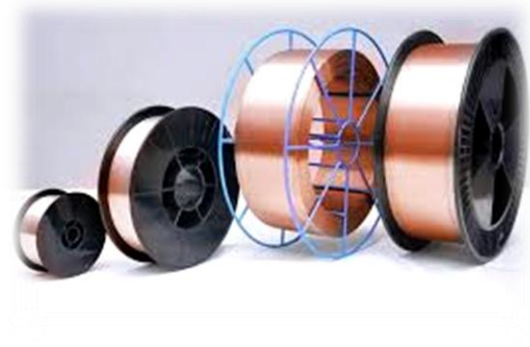




Gas Shielded Arc Welding Wire

SG2 - ER 70S-6

Standards	Classifications
TS EN ISO 14341-A	G 42 3 C1/M21 3 Si 1
EN ISO 14341-A	G 42 3 C1/M21 3 Si 1
SFA/AWS A5.18	ER70S-6

Weldable Steels

S235J2G3-S355J2G3, P235T2-P355T2, L210NB-L290NB, L290MB-L360MB, P235G1TH, P255G1TH, P235GH, P355GH, S235JRS1-S235J4S, S315G1S, S355G3S, P255NH-P355NH, GE200-GE300

Features and Applications

It is a copper coated gas metal arc welding wire (MAG) used in the welding of construction, machinery, ships, tanks, boilers, pipes, thin sheet metal, steel furniture, metal goods and automotive industry that made of non-alloy, general structure and fine grained steels. The copper coating, which is homogeneous and made in the required thickness, increases the electrical conductivity and the resistance of the wire against corrosion. CO₂ (carbon dioxide) or mixed gases (Ar+CO₂) can be used as shielding gas depending on the thickness of the base metal. Can be used at service temperatures up to 400 °C.

Dimensions and Weights

Ø 0,8 mm - 1,00 mm - 1,20 mm - 1,60 mm / 1kg - 5kg - 15kg - 250kg

Chemical Composition of Welding Wire % Typical

C	Si	Mn
0.08	0.84	1.52

Current Type

MAG DC(+)

Mechanical Properties (MAG) Shielding Gas M21

Yield Strength (N/mm ²)	: 470
Tensile Strength (N/mm ²)	: 548
Impact Strength (ISO-V/-30°C)	: 93 J
Elongation % (Lo=5do)	: 31

Shielding Gases (EN ISO 14175)

M20, M21, M23, M24, M26, C1
