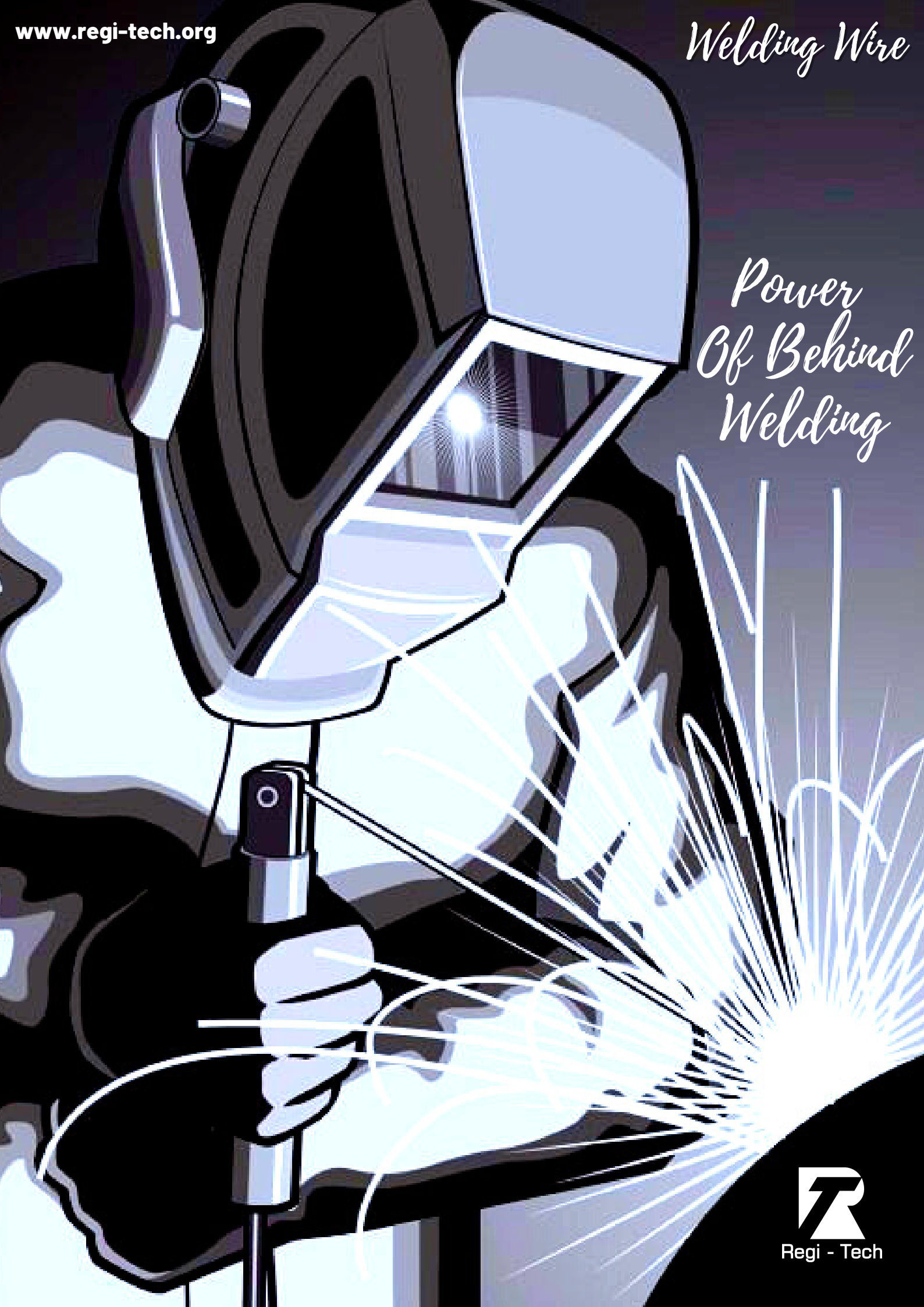


*Power
Of Behind
Welding*



PRODUCTS



SG2 (Gas Shielded Arc Welding Wire)



SG2 (Robotic & Automatic Welding Wire)



SG3 (Gas Shielded Arc Welding Wire)



SG3 (Robotic & Automatic Welding Wire)



S2 (Sub Merged Welding Wire)

SG2 (Gas Shielded Arc Welding Wire)

Standards

TS EN ISO 14341-A
 EN ISO 14341-A
 SFA/AWS A5.18

Classifications

G 42 3 C1/M21 3Si1
 G 42 3 C1/M21 3Si1
 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 0.80-1.00-1.20-1.60mm / 15kg

Chemical Composition Typical (%)

C	Si	Mn
0.07	0.88	1.47

Current Type

MAG DC (+)

Mechanical Properties (MAG) Shielding Gas M21

Yield Strength (N/mm ²)	: min. 420
Tensile Strength (N/mm ²)	: 530-640
Impact Strength (ISO-V/-30°C)	: min. 47 J
Elongation % (Lo=5do)	: min. 22

Shielding Gases (EN ISO 14175)

MAG: M20, M21, M24, M26, C1

Welding Positions



SG2 (Robotic & Automatic Welding Wire)

Standards

TS EN ISO 14341-A

EN ISO 14341-A

SFA/AWS A5.18

Classifications

G 42 3 C1/M21 3Si1

G 42 3 C1/M21 3Si1

ER70S-6

Weldable Steels

S235J2G3-S355J2G3, P235T2-P355T2, L210NB-L290NB, L290MB-L360MB, P235G1TH, P255G1TH, P235GH, P355GH, S235JRS1-S23J4S, 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 0.80-1.00-1.20-1.60mm / 250-400kg

Chemical Composition Typical (%)

C	Si	Mn
0.07	0.88	1.47

Current Type

MAG DC (+)

Mechanical Properties (MAG) Shielding Gas M21

Yield Strength (N/mm ²)	: min. 420
Tensile Strength (N/mm ²)	: 530-640
Impact Strength (ISO-V/-30°C)	: min. 47 J
Elongation % (Lo=5do)	: min. 2

Shielding Gases (EN ISO 14175)

MAG: M20, M21, M24, M26, C1

Welding Positions



SG3 (Gas Shielded Arc Welding Wire)

Standards

TS EN ISO 14341-A
 EN ISO 14341-A
 SFA/AWS A5.18

Classifications

G 46 4 C1/M21 4Si1
 G 46 4 C1/M21 4Si1
 ER70S-6

Weldable Steels

S235J2G3-S355J2G3, P235T2-P355T2, L210NB-L290NB, L290MB-L360MB, P235G1TH, P255G1TH, P235GH, P355GH, S235JRS1-S23J4S, S315G1S, S355G3S, P255NH-P355NH, GE200-GE300

Features and Applications

It is a high-strength copper-coated gas metal arc welding wire (MAG) used in the welding of construction, machinery, ships, tanks, boilers, pipes, bodies, steel furniture that made of unalloyed, general structure and fine grained steels.

It contains higher amount of silicon (Si) and manganese (Mn) compared to SG2 arc welding wire.

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 operating temperatures up to 400°C.

Dimensions and Weights

Ø 0.80-1.00-1.20-1.60mm / 15kg

Chemical Composition Typical (%)

C	Si	Mn
0.08	0.90	1.70

Current Type

MAG DC (+)

Mechanical Properties (MAG) Shielding Gas M21

Yield Strength (N/mm ²)	: min. 460
Tensile Strength (N/mm ²)	: 560 - 680
Impact Strength (ISO-V/-40°C)	: min. 47 J
Elongation % (Lo=5do)	: min. 22

Shielding Gases (EN ISO 14175)

MAG: M20, M21, M24, M26, C1

Welding Positions



SG3 (Robotic & Automatic Welding Wire)

Standards

TS EN ISO 14341-A

EN ISO 14341-A

SFA/AWS A5.18

Classifications

G 46 4 C1/M21 4Si1

G 46 4 C1/M21 4Si1

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 high-strength copper-coated gas metal arc welding wire (MAG) used in the welding of construction, machinery, ships, tanks, boilers, pipes, bodies, steel furniture that made of unalloyed, general structure and fine grained steels.

It contains higher amount of silicon (Si) and manganese (Mn) compared to SG2 arc welding wire.

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 operating temperatures up to 400°C.

Dimensions and Weights

Ø 0.80-1.00-1.20-1.60mm / 250-400kg

Chemical Composition (% Typical)

C	Si	Mn
0.08	0.90	1.70

Current Type

MAG DC (+)

Mechanical Properties (MAG) Shielding Gas M21

Yield Strength (N/mm ²)	: min. 460
Tensile Strength (N/mm ²)	: 560 - 680
Impact Strength (ISO-V/-40°C)	: min. 47 J
Elongation % (Lo=5do)	: min. 22

Shielding Gases (EN ISO 14175)

MAG: M20, M21, M24, M26, C1

Welding Positions



S2 (Sub Merged Welding Wire)

Weldable Steels

ST33, ST34, ST37, ST44, ST44-2, ST44-3, ST52, ST52-3, S185, S235, S275, S355, STE255, STE355, S255N, S355N, WSTE255, WSTE355, P255NH, P355NH, ST35-8, ST45-8, P235G1TH, P255G1TH, STE210-7, STE360-7, L210, L360NB, STE290-7 TM, STE360-7 TM, L290MB, L360MB, X42, X46, X52, H1, H11, P235GH, P265GH, 17MN4, 19MN6, P295GH, P355GH, A, B, C, D, GS-38, GS-45, GE200, GE240.

Features and Applications

It surface copper covered submerged arc welding wire is used in the the welding of pressure vessels, boiler, spiral pipes, ships and steel constructions made of medium and high strength steels.

As being a copper clad electricity conductivity and against increases corrosion resistance.

Chemical Composition (% Typical)

C	Si	Mn
0.09	0.05	0.90

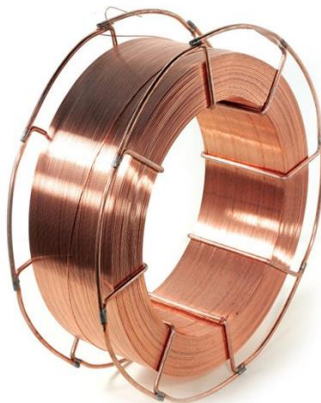
Dimensions and Weights

Ø 1,60 - 2,00 - 2,40 - 3,20 - 4,00mm

Spool: 25kg

Drum : 350-400kg

Welding Positions





Regi - Tech

Ilije Garašanina 678 000 Banja Luka, RS, Bosna i Hercegovina
Batı Mahallesi Piramit Sokak No:1 Pendik/Istanbul, Türkiye

00387 65 793 042

info@regi-tech.org

www.regi-tech.org