

ER70S-6 Mig Welding Wire

Description

Copper coated low carbon all-positional mig welding wire. **Now packaged in 100% recyclable cardboard and on a recyclable steel spool.** This wire has excellent welding performance with a stable arc and less spatter, E70S-6 is the most common wire for welding mild and medium strength steels. For best results keep wire clean and free from moisture and use with Argon/CO2 Mix shielding gas for general Mig welding.

SHIELDING GAS: 80% Argon + 20% CO2
Argon + CO2 Mix
100% CO2

CONFORMANCES: AS/NZS 14341
ISO 14342-A-G42 3 M21 3Si1
ISO 14341-A-G42 3 C1 3Si1
AWS A5.18 ER70S-6

TYPICAL APPLICATIONS

- For steel up to 490Mpa strength base material
- Structural steel
- Automobile industry
- Construction industry
- Bridges
- Pressure vessels

TYPICAL WIRE CHEMISTRY (As welded)

C	Mn	Si	S	P	Cr	Ni	Mo	Cu
0.071	1.47	0.82	0.012	0.013	-	-	-	0.15

TYPICAL MECHANICAL PROPERTIES OF WELD METAL

Yield MPa	Tensile Strength MPa	Elongation %	V-Type Charpy Impact Value
430	530	28.0	-30

CURRENT RANGE DC+ (For Guidance only)

Diameter mm	0.6	0.8	0.9	1.0	1.2
Welding Current A (DC+)	30-100	40-150	70-220	80-250	100-350
Arc Voltage V	15-20	18-24	18-26	18-32	18-34

Manufactured according to ISO9001:2008 quality

APPROVALS

- Storage welding wire should be stored in a dry, enclosed environment or in its originally-sealed package