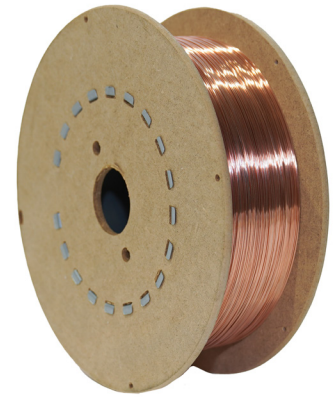


Copper-Glide™ S-6 Copper-Coated Welding Wire

AWS ER70S-6



The Copper-Glide™ S-6 Welding Wire, well-known as Standard-ARC S-3, is a copper-coated mild steel filler metal that combines the power of manganese and silicon for ER70S-6 applications.

This welding wire is engineered to deliver a smooth and uniform welding arc, minimizing weld spatter and ensuring excellent bead appearance. The high silicon content reduces the molten metal surface tension, producing flatter bead profiles.

Manufacturing Advantages

- Short circuit, globular, spray transfer, and pulse welding
- Automatic or semi-automatic welding
- Welding steel with mill scale, rust, or oil
- Single to multi-pass weld applications
- Applications requiring up to 70,000 psi tensile strength
- Welding rimmed steels
- Low welding heat applications
- Higher travel speed welding

Welding Positions

All position welding is possible when using the correct shielding gas blends, welding process, and welding parameters.

Shielding Gas Blends

- 100% CO₂
- 75-95% Argon/Balance CO₂
- 95-98% Argon/Balance O₂
- Flow rate of 35-50 CFH

Applications

- Agricultural Equipment
- Auto Body
- Automotive Exhaust
- General Fabrication
- Heavy Equipment
- Pipe Welding
- Pressure Vessels
- Railcars
- Shipbuilding
- Structures
- Trailers

Specifications

Meets or Exceeds:

- AWS A5.18: ER70S-6
- ASME SFA-A5.18:ER70S-6
- CWB W48: B-G 49A 3 C1 S6

Storage

Welding wire should be stored in a dry, enclosed environment and in its originally sealed package.