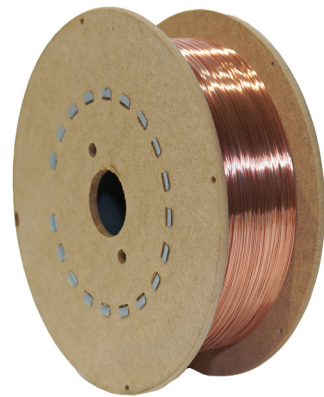


Copper-Glide™ S-3 Copper-Coated Welding Wire

AWS ER70S-3, EM13K



Copper-Glide™ S-3 Copper-Coated Welding Wire, well-known as Standard-ARC S-3, is a copper-coated mild steel solid filler metal designed to extract maximum weld quality and user appeal from ER70S-3.

The welding wire contains manganese and silicon contents that assure maximum deoxidation, which results in more desirable flat bead profiles and low-spatter welds. It provides ideal arc starts, arc stability, and feedability for efficient welding processes.

Manufacturing Advantages

- Low carbon killed and semi killed steel
- All metal transfer modes of GMAW
- Robotic, mechanized, or semi-automatic welding
- Welding steel with light mill scale, light rust, or thin oil
- Single and multi-pass weldments
- Applications requiring a minimum 70,000 psi tensile strength
- Offers balanced combination of strength and ductility in welds
- Improved mechanical properties for various applications

Welding Positions

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

Shielding Gas Blends

Meets or Exceeds:

- AWS A5.18/A5.18M: ER70S-3
- ASME SFA-A5.18: ER70S-3
- CWB W48: B-G 49A 2 C1 S3

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/A5.18M: ER70S-3
- ASME SFA-A5.18: ER70S-3
- CWB W48: B-G 49A 2 C1 S3

Storage

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