NATIONAL STANDARD

Because performance comes down to the wire.

Tru-Core® MC 70C AWS E70C-6M H4, E70C-3M H4

DESCRIPTION

Tru-Core® MC 70C is a metal cored, gas shielded electrode intended for gas metal arc welding with shielding gas blends of 75-95% Argon, balance Carbon Dioxide. Designed to weld carbon steels and certain low alloy steels, in applications demanding higher productivity and requiring a minimum of 70,000 psi tensile strength. The core is comprised entirely of metallic powders, allowing the electrode to perform like a solid wire. MC 70C is recommended for use in single and multiple pass applications.

CHARACTERISTICS

PRODUCT FEATURES:

- Excellent mechanical properties
- Flat bead geometry
- Excellent feedability
- Easy slag removal
- Smooth arc transfer
- High deposition/automation friendly

PRODUCED IN: Stillwater, Oklahoma

SPECIFICATIONS

Meets or exceeds:

- AWS A5.18: E70C-6M H4, E70C-3M H4
- ASME SFA 5.18: E 70C-6M H4
- CWB W48-06: E 492C-6M-H4

APPLICATIONS

Tru-Core® MC 70C is an excellent choice for welding most carbon steels, such as ASTM A 36, A 285, A 515 Grade 70 and A 516 Grade 70, as well as certain low alloy steels. It is ideal for gauges ranging from heavier sheet metal to thick plate, where the weld is positioned for either manual, automatic or robotic applications. Some examples are:

- Hot Water Heaters
- Shipbuilding
- Structural Steel
- Agricultural Equipment
- Railcar Construction
- Truck Frames

SHIELDING GAS BLENDS

Typical Application Sheilding Gas Blends:

- 75-95% Argon/Balance CO2
- Flow Rate: 35-45 CFH

WELDING POSITIONS

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

STORAGE

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

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