



Tru-Core® FC 70T AWS E70T-1C H8, E70T-9C H8

DESCRIPTION

Tru-Core® FC 70T is a flux cored, gas-shielded electrode, designed for single and multiple pass welding of carbon steels in the flat position and for horizontal fillets. FC 70T is suitable for welding most carbon steels requiring a minimum tensile strength of 70,000 psi. This electrode is designed to operate with 100% carbon dioxide shielding gas. The rutile-based slag system promotes a smooth arc transfer and extremely easy slag removal.

CHARACTERISTICS

PRODUCT FEATURES:

- Great choice for deep groove welds
- Flat bead geometry
- Easy slag removal
- Low spatter
- Excellent feedability
- Smooth arc transfer
- Excellent mechanical properties
- Stable current transfer at the contact tip

MANUFACTURING ADVANTAGES:

- Patented forming, feeding and drawing equipment
- Consistent strip-to-core ratio
- Precise thermal treatment that controls the type, amount and uniformity of surface oxides on the wire
- Consistent diffusible hydrogen levels
- Consistent distribution of core ingredients

PRODUCED IN: Stillwater, Oklahoma

SPECIFICATIONS

Meets or exceeds:

- AWS A5.20: E70T-1C H8, E70T-9C H8
- ASME SFA 5.20: E70T-1C H8, E70T-9C H8
- CWB W48-06: E492-T-1 H8, E492-T-9-H8

APPLICATIONS

Tru-Core® FC 70T is designed to weld structural steel when the work is positioned, where increased productivity and high deposition rates are a priority. Some examples are:

- Earth Moving Equipment
- Machine Tool Bases
- Structural Steel
- Heavy Equipment
- Railcar Construction
- Mining Machinery
- General Fabricating

SHIELDING GAS BLENDS

Typical Application Shielding Gas Blends:

- 100% CO₂
- Flow Rate: 35-45 CFH

WELDING POSITIONS

Flat and horizontal 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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