

E71T-GS is an all-position, single-pass, flux cored welding wire designed to weld carbon steel. The unique quality of this product is that you do not have to use a shielding gas. E71T-GS produces smooth arc action, low spatter, full slag coverage, and easy slag removal. The bead appearance is not equal to a gas-shielded product, but the benefits of not having to use gas makes this product extremely popular. * Make sure your power source is set properly for a good, non-porous weld.

Typical Applications

- Lap and butt welds on galvanized sheet metal
 - Repair of automobile sheet metal
 - Joining of galvanized roofing sheet metal
- Prefab building fabrication • Tanks • Ornamental iron
 - Farm implement repairs • General fabrication

AWS Specification

AWS A5.20/A5.20M:2005
AWS Classification E71T-GS

Welding Current

(DCEN) Straight Polarity

Typical Wire Chemistry

The composition of weld metal is not particularly meaningful since electrodes of these classifications are intended only for single-pass welds. Dilution from the base metal in such welds is usually quite high.

Typical Mechanical Properties

(As Welded)

Tensile Strength, ksi 70 min

Welding Positions

F,H,V,OH

Available Diameters

.030", .035", .045", .052", 1/16" & 5/64"
Available Diameters and suggested

Operating Range in Amps

.030" 40 - 100
.035" 100 - 130
.045" 140 - 180
.052" 140 - 180
1/16" 175 - 300
5/64" 190 - 310