



WELDCOTE E71T-11



Description- E71T-11 is a self-shielding flux cored wire used for welding carbon steels. This product requires a shielding gas and can be used in limited multi-pass welding operations. The appearance is not equal to a gas-shielded product, but the benefits of not having to use gas makes this product popular. E71T-11 operates on straight polarity only (DCEN).

Approvals- AWS A5.20, E71T-11

Chemical Composition-

Carbon	.20%
Silicon	.30%
Manganese	.60%
Aluminum	1.42%
Phosphorus	.010%
Sulfur	.013%
Iron	Balance

Welding Current-

DCEN (Electrode Negative, Straight Polarity)

Typical Mechanical Properties (As welded)

Yield Strength	68,000 psi
Tensile Strength	86,000 psi
Elongation% in 2"	23

Welding Positions

Flat, horizontal, and vertical down

Shielding Gas

No gas required with this product

Operating Range in AMPS

.030"	40-100
.035	100-130
.045	140-180