SIFCORED E71T-1
Flux Cored Steel MIG Wire

A rutile flux-cored wire for MIG/MAG (GMAW) welding of thin sheet steels or unalloyed/low-alloyed structural steels in all positions, with Argon/CO_2 shielding gases. SIFCORED E71T-1 Flux Cored Steel MIG Wire delivers good mechanical properties, impact toughness down to low temperatures, low spatter, and excellent weldability.

Commonly used in shipyards, offshore, and construction applications for welding mild steel tube, pipe, strip, forgings, and a range of pressure vessel steels, typically to improve productivity when transitioning from low-hydrogen MMA electrode welding.

It can be used on a prime-coated plate and for vertical-down welding of non-critical sheet fabrications.

Positions



For use in all positions, in single- and multi-pass applications under spray-transfer. Produces a smooth even bead with good slag detachability.

Current	DC=+
Shielding Gas	ArCO_2

Typical Weld Metal Composition

C 0.05%	Si 0.48%	Mn 1.22%
P 0.013%	S 0.009%	

Typical Mechanical Properties

Ultimate Tensile Strength	570N/mm^2
Yield Strength	510N/mm^2
Impact Value ISO-V	110J@-20°C
Elongation	30%

Available Formats

Dia.	15kg
1.0 mm	WO711015
1.6mm	WO711615

Standards

EN ISO 17632-A: T 42 2 P M21 1 H5
AWS A5.20: E71T-1M