



Flux Cored Wire VICTOR E71T-1

Characteristics:

VICTOR E71T-1 is a flux cored wire suitable for all position welding with higher deposition rate than solid wire. The wire produces high quality welds & gives stable arc with very low spatter & excellent slag detachability.

Applications

Welding of mild steels, carbon steels with UTS up to 50 kg/mm², structural steels, ships, bridges, towers, vehicles, rolling stocks, chemical plant & machinery, wagons, steel frames etc.

Typical Weld metal Composition

Element	Percent
C	0.12 max
Si	0.90 max
Mn	1.75 max
S	0.030 max
P	0.030 max

Typical Mechanical Properties of all weld Metal

Ultimate Tensile Strength N/mm ²	Yield Strength N/mm ²	Elongation % (L=4xd)	CHARPY V-NOTCH IMPACT VALUE AT MINUS - 20 °C
580	490	24	70 J

Classifications:

AWS A/SFA 5.20	E 71 T-1
Shielding Gas:	CO ₂ or Ar/CO ₂ 10-15 Lit./min.
Deposition Efficiency %	~90

Welding Current and Packing Data:

Dia (mm)	1.2	1.6
Current Condition	DC+	
Current Amps	150-340	170-395
Welding Position	F, H, V-UP, OH	
Spool Size	300 mm OD x 50.5 mm ID x 103 mm Width	
Net Weight	15 Kgs. Per Spool	

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