

E71T-1C/M

TecMig
The pro's choice

MILD STEEL FLUX CORED WIRES, DUAL USE

TYPICAL APPLICATIONS

1. Shipbuilding
2. General Fabrication
3. Structure Fabrication
4. Pressure Vessels

CHARACTERISTICS

1. Fast freezing slag for out-of-position welding
2. Premium arc performance and bead appearance.
3. All positional welding capability
4. Comply with AWS D1.8 seismic lot waiver requirements



SIZE	AMPS
1.2mm	140-300A
1.6mm	180-400A

CLASSIFICATION

AWS A5.20 E71T-1C/M
AWS A5.36 E71T1-C1/M21A2-CS1-H8
EN ISO17632-A-T 42 0 P C 1

CHEMICAL COMPOSITIONS (Wt%), ALL WELD METAL, TYPICAL

C	Mn	Si	S	P
0.08	1.42	0.92	0.012	0.015

WELDING POSITIONS (ISO/ASME)



PA/1G



PB/2F



PC/2G



PF/3Gu



PE/4G

AVAILABLE SIZES (DIA.)

1.2mm/1.6mm

PACKAGING DETAILS

15kg Spools, Vacuum pack ; 250kg Drums

EQUIVALENT TO

Lincoln Outershield 71 Elite Esab OK E71T-1
Infra Frontarc 711 Indura 71T-1
BÖHLER E71T-1C/1M

CURRENT TYPE

DC+

MECHANICAL PROPERTIES, ALL WELD METAL, TYPICAL

Condition	Shielding Gas	Yield Strength (Mpa)	Tensile Strength (Mpa)	Elongation(%)	Charpy V notch (J)
AW	100% CO ₂	490	578	28	-20 C 92
	80% Ar+20% CO ₂	506	590	28	-20 C 104

Note:

- ① Shielding gas: 100% CO₂ or 80% Ar+20% CO₂; Gas speed 15-25L/Min.
- ② Wire extension length 15-25mm.

