

SC-EG2 Cored

AWS A5.26 / ASME SFA5.26 EG70T-2C
JIS Z3319 YFEG-22C

TYPE : Metal-Cored

Applications

Vertical-up butt welding of side shell and various inner structures of ships, plates of storage tanks, and web members of box-girders of bridges.

Characteristics on Usage

SC-EG2 Cored is a small diameter flux cored wire to be used with CO₂ shielding gas for electro gas arc welding high speed. The arc is extremely stable and has good bead appearance. It provides highly efficient welding by electro gas process.

Notes on Usage

① Use 100% CO₂ gas.

Welding Position



3G
(PF)

Current

DC +

Shielding Gas

CO₂

Typical Chemical Composition of All-Weld Metal (%)

C	Si	Mn	P	S	Mo
0.08	0.30	1.52	0.012	0.010	0.12

Typical Mechanical Properties of All-Weld Metal

YS MPa(lbs/in ²)	TS MPa(lbs/in ²)	EL (%)	Temp. °C (°F)	CVN-Impact Value J (ft · lbs)
510 (74,000)	560 (81,300)	27	-20 (-4)	60 (44)

Approval

I Packing(Including Ball Pac)

KR, ABS, BV, DNV, GL, LR,
NK, CCS

Dia. (mm) 1.6
(in) 1/16

Spool(kg) 15 20
(lbs) 33 44

Sizes Available and Recommended Currents (Amp.)

Size mm(in) V-Up	1.6 (1/16) 330~420
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