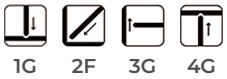
SC-460M

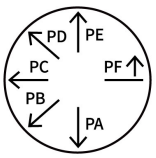
Classification

AWS AWS A5.18/ ASME SFA-5.18 E70C-6M

EN ISO 17632-B T55 4 T15 1 M21 A H5

Welding Positions





Features

- Designed for welding with Ar+CO2 mixed gas
- High deposition rates & minimal slag coverage
- Meets AWS D1.8 seismic requirements

Polarity

DC+

Application Areas

- Structural fabrication
- Steel industry
- Heavy equipment & machinery
- Trailer fabrication

Shielding Gas

Ar+20~25% CO2

Approvals

CWB
✓

Typical Chemical Composition of All-Weld Metal (wt%)

Shielding Gas	C	Si	Mn	P	S	Ni
Ar+20~25% CO2	0.04	0.55	1.50	0.010	0.010	0.35

Typical Mechanical Properties of All-Weld Metal

Shielding Gas	Yield Strength MPa(ksi)	Tensile Strength MPa(ksi)	Elongation (%)	Temperature °C (°F)	Impact Toughness J (ft·lbs)
Ar+20~25% CO2	480 (70)	575 (83)	26	-40 (-40)	35 (26)

Diameter / Welding Parameters / Packaging

Wire Diameter mm(in)	Current (A)
1.2 (0.045)	140~300