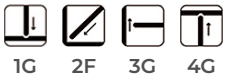
SC-90M

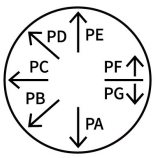
Classification

AWS AWS A5.28/ ASME SFA-5.28 E90C-G

EN ISO 18276-A T55 5 ZMn1NiMo M M21 1 H5

Welding Positions





Features

- Designed for welding with Ar+CO2 mixed gas
- Good impact value at Low temperature(-50□)

Polarity

DC+

Application Areas

- Structural fabrication
- Steel industry
- Heavy equipment

Shielding Gas

Ar+20~25% CO2

Approvals

CE
✓

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

Shielding Gas	C	Si	Mn	P	S	Ni	Mo
Ar+20~25% CO2	0.06	0.60	1.55	0.010	0.007	1.12	0.19

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	634 (92)	706 (102)	24.8	-50 (-60)	66 (49)

Diameter / Welding Parameters / Packaging

Wire Diameter mm(in)	Current (A)
1.2 (0.045)	200~300