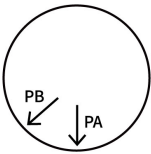


SC-90

Classification

AWS AWS A5.29 / ASME SFA-5.29 E90TI-GC
JIS Z 3313 T62 2 T 1-0 C A H10
EN ISO 17632-A T50 2 R C 3 H10

Welding Positions



Features

- Designed for welding with 100% CO2 shielding gas
- High speed single welding in flat and horizontal positions

Polarity

DC +

Application Areas

- Steel Fabrication

Shielding Gas

100% CO2

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

Shielding Gas	C	Si	Mn	P	S	Ni	Mo
100% CO2	0.08	0.55	1.75	0.014	0.014	0.35	0.12

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)
100% CO2	600 (87)	650 (94)	22.5	0 (32) -20 (0)	80 (59) 60 (44)

Diameter / Welding Parameters / Packaging

Wire Diameter mm(in)	Current (A)	Packaging
1.2 (0.045)	110~280	Spool 5kg (11lbs), 12.5kg (28lbs), 15kg (33lbs), 20kg (44lbs) Drum 100kg (221lbs), 200kg (441lbs), 250kg (551lbs)
1.4 (0.052)	110~280	
1.6 (1/16)	120~300	

SMW

GMAW

GTAW

FCW

Metal-cored Wire

SAW Wire

SAW Flux