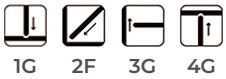
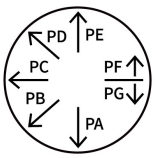
SL-71MAG

Classification

AWS AWS A5.20 / ASME SFA-5.20 E71T-1M/-9M H4
EN ISO 17632-A T46 4 P M21 1 H5

Welding Positions





Features

- Designed for welding with Ar+20~25%CO2 shielding gas
- Prevents the weld from hydrogen induced cracking or cold

cracking.

Polarity

DC +

Application Areas

- Shipbuilding
- Steel construction
- Offshore

Shielding Gas

Ar+20~25% CO2

Approvals

BV	DNV	LR	RINA	CE
✓	✓	✓	✓	✓

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

Shielding Gas	C	Si	Mn	P	S
Ar+20~25% CO2	0.03	0.42	1.45	0.019	0.006

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	574 (83)	623 (90)	26	-30 (-20) -40(-40)	102(75) 88(65)

Diameter / Welding Parameters / Packaging

Wire Diameter mm(in)	Current (A)	Packaging
1.2 (0.045)	220~300	Spool 5kg(11lbs), 12.5(27.6lbs), 15kg(33lbs)
1.6 (1/16)	300~400	