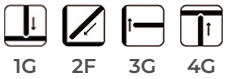
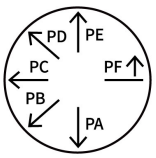
S-11016.G

Classification

AWS A5.5/ASME SFA-5.5 E11016-G
EN ISO 18275-A E62 2 Mn2NiMo B 1 2
KS D7006 E8016

Welding Positions





Features

- Good crack resistance
- Good mechanical properties

Polarity

AC or DC +

Application Areas

- Heavy steel fabrication
- Pressure vessels
- Power plant

Redrying Conditions

300~350°C (572~662°F) X 0.5~1hr

Approvals

ABS
✓

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

C	Si	Mn	P	S	Ni	Cr	Mo
0.06	0.59	1.49	0.017	0.007	1.87	0.22	0.36

Typical Mechanical Properties of All-Weld Metal

Yield Strength MPa(ksi)	Tensile Strength MPa(ksi)	Elongation (%)	Temperature °C (°F)	Impact Toughness J (ft·lbs)
729(106)	805(117)	27	-20(0)	121(89)

Diameter / Welding Parameters / Packaging

Diameter mm(in)	Length mm(in)	F & HF	V-up, OH	Packaging
2.6(3/32)	350(14)	60-90	50-80	Standard/Vacuum - Packet 5kg (11lbs), Carton 20kg (44lbs)
3.2(1/8)	350(14)	90-130	85-120	
4.0(5/32)	400(16)	130-180	110-170	
5.0(3/16)	400(16)	180~240	150-200	
6.0(15/64)	450(18)	250-310	-	