

Stick electrode for 0.5%Mo steel

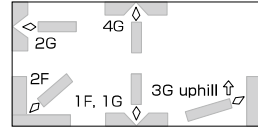
Features: ■ Applied for ASTM A204 Gr. A, B, C and equivalents

Classification: AWS A5.5 E7016-A1

Redrying Conditions: 325~375°Cx1h

Identification color: 1st Brown

Polarity: AC, DCEP

Welding Positions:**Packaging data**

φ mm	Length mm	kg/pack	kg/carton	g/piece	carton mm
2.6	300	2	20	17	170W, 120H, 330L
3.2	350	5	20	30	170W, 120H, 380L
4.0	400	5	20	55	170W, 120H, 430L
5.0	400	5	20	86	170W, 120H, 430L

Composition (all-weld metal mass%)

	Typical (AC)	Guaranty ^a
C	0.08	0.12
Si	0.53	0.60
Mn	0.79	0.90
P	0.01	0.03
S	<0.01	0.03
Mo	0.49	0.40~0.65

Note: ^aSingle values are maximum.

Welding parameters (A)

φ mm	1F, 1G, 2F, 2G	3G uphill, 4G
2.6	55~85	50~80
3.2	90~130	80~120
4.0	140~190	110~170
5.0	190~240	-

All-weld mechanical properties

	Typical (AC)	Guaranty
0.2%YS (MPa)	550	393min.
TS (MPa)	630	483min.
El on 4d (%)	29	22min.
IV 0°C (J)	210	-
PWHT (°Cxh)	620x1	620±15x1