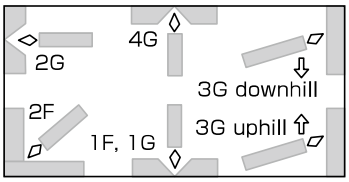
RB-26 FAMILIARC™

Stick electrode

Features:
- Suitable for butt and fillet welding of thin plates
- Excellent usability in all positions including vertical downward

Welding Positions:



Classification: AWS A5.1 E6013

Redrying Conditions: 70~100℃x0.5~1h

Identification color: 1st Black

Polarity: AC, DCEP, DCEN

Packaging data

ϕ mm	Length mm	kg/pack	kg/carton	g/piece	carton mm
2.0	300	2	20	10	270W, 90H, 330L
2.6	350	5	20	19	170W, 100H, 380L
3.2	350	5	20	29	170W, 100H, 380L
4.0	400	5	20	53	170W, 95H, 430L
5.0	400	5	20	81	170W, 95H, 430L

Composition (all-weld metal mass%)

	Typical (AC)	Guaranty [a]
C	0.08	0.20
Si	0.30	1.00
Mn	0.37	1.20
P	0.012	0.035
S	0.010	0.035
Ni	0.01	0.30
Cr	0.02	0.20
Mo	<0.01	0.30
V	0.02	0.08

Note: [a] Single values are maximum.

Welding parameters (A)

ϕ mm	1F, 1G, 2F, 2G, 3G downhill	3G uphill, 4G
2.0	30~65	30~65
2.6	45~95	45~95
3.2	60~125	60~125
4.0	105~170	100~150
5.0	150~220	125~190

All-weld mechanical properties

	Typical (AC)	Guaranty
0.2%YS (MPa)	450	331min.
TS (MPa)	510	414min.
El on 4d (%)	25	17min.

Approvals

ABS	2
LR	2m
NK [a)]	KMW2

Note: [a)] AC