MG-S308LS PREMIARC™

Solid wire

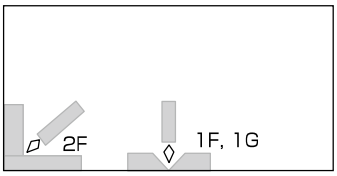
Features: ▪ Suitable for low carbon 18%Cr-8%Ni steel

Classification: AWS A5.9 ER308LSi

Shielding gas: Ar-2%O_2

Polarity: DCEP

Welding Positions:



Packaging data

ϕ mm	Spool	
0.8	10kg	-
0.9	10kg	-
1.0	10kg	20kg
1.2	10kg	20kg
Volume mm	240W, 110H, 240L	285W, 110H, 285L

Composition (wire mass%)

	Typical	Guaranty [a]
C	0.02	0.03
Si	0.79	0.65~1.00
Mn	1.9	1.0~2.5
P	0.02	0.03
S	<0.01	0.03
Ni	9.9	9.0~11.0
Cr	19.8	19.5~22.0
Mo	0.04	0.75
Cu	0.04	0.75

Note: [a] Single values are maximum.

Welding parameters (A)

ϕ mm	1F, 1G, 2F
0.8	50~150
0.9	70~200
1.0	80~250
1.2	100~300

All-weld mechanical properties

	Typical
0.2%YS (MPa)	400
TS (MPa)	580
El on 4d (%)	42
IV -196℃ (J)	59