DW-316LP-XR PREMIARC™

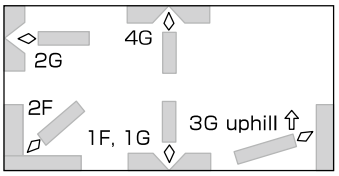
Flux cored wire

Features:
- Applicable for 316L type stainless steel
- Low Cr (Ⅵ) stainless steel flux cored wire

Classification: AWS A5.22 E316LT1-1/4

Shielding gas: CO_2 or Ar-CO_2
Polarity: DCEP

Welding Positions:



Packaging data

ϕ mm	Spool
1.2	12.5kg
Volume mm	295W, 110H, 295L

Composition (wire mass%)

	Typical (Ar-CO_2)	Guaranty [a]
C	0.03	0.04
Si	0.8	1.0
Mn	1.2	0.5~2.5
P	0.02	0.04
S	<0.01	0.03
Ni	12.5	11.0~14.0
Cr	19.0	17.0~20.0
Mo	2.8	2.0~3.0
Cu	0.05	0.75

Note: [a] Single values are maximum.

All-weld mechanical properties

	Typical (Ar-CO_2)	Guaranty
0.2%YS (MPa)	429	-
TS (MPa)	566	483min.
El on 4d (%)	41	30min.

Approvals

ABS*	MG (AWS A5.22 E316LT1-4)
CWB	E316LT1-1, E316LT1-4

Note: *Ar-25%CO_2

Welding parameters (A)

ϕ mm	1F, 1G, 2F	2G	3G uphill	4G
1.2	130~270	150~220	130~220	150~200