

KS-308L

Classification

AWS A 5.4/A5.4M E308L-16

Type of coating: Lime titania type AS/NZS 4854 B ES 308L-16

Applications and Features

- (1) Excellent weldability, easy slag removal and smooth beads.
- (2) Low carbon weld metal provides better corrosion resistance.
- (3) It is suitable for welding 18%Cr-8%Ni steel (AISI 304,304L) and 19.5%Cr-10Ni steel (AISI 347).

Welding Position

All Position

Typical Chemical Composition of Weld Metal (wt%)

C	Si	Mn	P	S	Cr	Ni
0.028	0.60	1.30	0.014	0.008	19.28	9.75

Typical Mechanical Properties of Weld Metal

Tensile Strength MPa	Yield Strength MPa	Elongation %
540	390	45

Size and Suggested Operating Range (AC or DC+)

Diameter x Length (mm)	2.6x300	3.2x350
Amp	F/H-Fillet 50~85	80~120
	V-up/OH 45~85	70~110

Diam.	Pack / Carton	Part No.
2.5mm	2.5kg Tube x 12 = 30 kg	KS30825
3.2mm	2.5kg Tube x 12 = 30 kg	KS30832

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