Primalloy® JGS-309L

Key Features

- Solid stainless TIG rod
- Unique manufacturing technology results in an even clean wire surface
- Embossed on each end for easy alloy identification

Typical Applications

- Excellent for welding dissimilar metals e.g. stainless steel to carbon steel
- Build up welding on mild and low alloy steels
- Buffer layers before hard facing

Conformances

AWS A5.9/A5.9M: ER309L

Welding Positions



Shielding Gas

- 100% Argon
- Flow rate 10-15 L/min

Diameter / Packaging

Diameter mm	Length mm	Part Number	Packaging
1.6	1,000	ETYJG309L160550W11	PE Tube 5kg
2.4	1,000	ETYJG309L240550W11	PE Tube 5kg

Mechanical Properties - As required per AWS A5.9

	Tensile Strength MPa	Elongation %
Typical Results - As Welded	595	39

Deposit Composition

	%C	%Mn	%Si	%P	%S
	0.02	2.2	0.6	0.01	0.006
Typical Results - As Welded	**%Ni**	**%Cr**	**%Mo**	**%Cu**	
	13.7	23.3	0.02	0.02	

Subject to change – this information is accurate to the best of our knowledge at the time of printing.