

BW-308L

Professional Welding Wire

Stainless Steel Tig Filler Rod (GTAW)



Specification: AWS/ASME-SFA A5.9: ER308L

Applications & Features:

BW-308L stainless steel tig welding filler rods are a high quality low carbon rod for the Gas or Gas Tungsten Arc (TIG) welding of a wide range of low carbon and stabilised 300 series stainless steels.

It is recommended for the critical welding of 304 and 304L stainless steels in corrosion resistant and cryogenic applications. Weld metal is austenite structure with 20%Cr-9%Ni.

It is suitable for welding thin plate of 18%Cr-8%Ni stainless steel with high travel speed such as AISI 301, 302, 304, 304L and 308 steel.

Approvals:

ABS, CWB

Part Numbers:

P/N: 3018 - 2.4mm x 1000mm

Pack Sizes:

5.0kg Sealable Tube



Chemical composition of solid wire (wt%)

C	Si	Mn	P	S	Cr	Ni
0.022	0.43	1.64	0.009	0.011	20.05	10.21

Typical Mechanical Properties

Tensile Strength MPa	Yield Strength MPa	Elongation %
510	400	42

Suggested Operating Range

Size mm	Current Amps	Gas Flow L/min	Shielding Gas
1.6	75-100	25	100% Argon
2.4	150-200	25	100% Argon