

Lincoln® TIG 4462

Key Features

- High yield strength
- Resistance to pitting corrosion and stress corrosion cracking
- Double stamped for optimum traceability

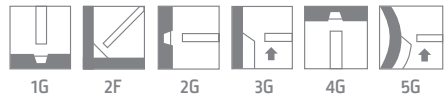
Conformances

AWS A5.9: ER2209

Typical Applications

- For welding duplex stainless steels e.g. 2205 grades
- Suitable for dissimilar welding e.g. duplex to low alloy steel
- Suitable for root and fill applications in pipe
- Applications in exhaust pipe, marine, food beverage, transport and storage industries

Welding Positions



Shielding Gas

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

Diameter / Packaging

Diameter mm	Length mm	Part Number	Packaging
1.6	1000	365241	PE Tube 2kg
2.4	1000	365242	PE Tube 2kg

Mechanical Properties - As required per AWS A5.9

	Yield Strength MPa	Tensile Strength MPa	Elongation %	Charpy V-Notch J @ -20°C
Typical Results - As Welded	600	800	28	60

Deposit Composition

	%C	%Mn	%Si	%Ni	%Cr	%Mo	%N
Typical Results - As Welded	0.01	1.5	0.4	8.6	23.1	3.3	0.16