SIFMIG DUPLEX 2209 Stainless Steel MIG Wire

A continuous, solid, bare duplex stainless steel filler wire for welding austenitic-ferritic alloys, where high resistance to intergranular corrosion, stress corrosion, and pitting is required.

SIFMIG Duplex is increasingly popular due to its excellent strength-to-weight ratio, price stability, and corrosion-resistant properties. It is used in sheet and pipe applications across a wide range of industries, including petrochemical, chemical/pharmaceutical, pulp and paper, mining, and food and beverage.

SIFMIG DUPLEX 2209 Stainless Steel MIG Wire is designed for welding parent materials of similar composition, including 2205 grades. It is commonly used in sour service applications where exposure to corrosive chlorides and hydrogen sulphides may occur.

Positions



For use in all positions.

Current	DC=+
Shielding Gas	Pure Argon

Available Formats

Dia.	15kg
0.8mm	WO220815
1.0mm	WO221015
1.2mm	WO221215

Typical Weld Metal Composition

C 0.02%	Si 0.5%	Mn 1.7%
Ni 8.5%	Cr 22.5%	Mo 3.3%

Typical Mechanical Properties

Melting Point	1440°C
Ultimate Tensile Strength	765N/mm^2
Hardness	240

Standards

EN ISO 14343-A: G 22 9 3 N L
AWS A5.9 ER2209