

DIF-FILL 108

STAINLESS STEEL FILLER WIRE 308L FOR
TIG , MIG , MAG WELDING

DIF-FILL 108 , an austenitic stainless steel solid filler wire, typically contains Extra low carbon and 20 % Cr, 10 % Ni. Low carbon insures freedom from intergranular cracking. The deposit has excellent toughness. The bright finish wires, produces porosity free weld consistently.

Applications:

Joining and surfacing of stainless, austenitic Cr-Ni steels.(Welding of AISI 301 L, 302L, 304L, 308L grade plates, sheets, pipes and tubes.)

Used for similar or dissimilar fabrication of above grades. Used in chemical plants, fertilizers plants, oil refineries, nuclear power plants, food and dairy industries. Also used for making furniture. Hospital, Kitchen equipments.

Deposited material contains low carbon and weld joints are of food grade quality.

Specification:

DIN 8556 : SG x 2 Cr Ni 19 9
AWS / SFA 5.9 : ER 308 L

Alloy Basis : (%)

C	Si	Mn	Cr	Ni	Mo	Cu	Fe
0.018	0.45	1.8	20	10	0.1	0.08	BAL

Properties:

Applicable Gas : Welding Grade Argon.
Argon + 2.5 % Co₂
Tensile strength : 580 N /mm²
Elongation : 36 %

Packing Standards:

Size (dia mm) - 1.6 mm, 2.0mm, 2.5mm, 3.15mm, 4.00mm
Length - 1000 mm
Packing - 5 kg per packet, 20 kg per case
Spool - MIG welding 0.8 mm,1.2 mm,1.6 mm,12.5 kg per spool.

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