

# GETIG 308

## IDENTIFICATION

Getig 308, ER 308

## CLASSIFICATION

AWS / SFA 5.9 ER 308

## DESCRIPTION

Extra low carbon Austenitic Stainless Steel Filler Rod. A low carbon 20/10 filler rod which has excellent resistance to intergranular corrosion due to its extra low carbon content. The weld deposit is corrosion and scale resistant and free from porosity. The deposited weld metal meets X-ray/radiographic quality. Good resistance to oxidizing acids and reducing adds.

## CHEMICAL ANALYSIS (RANGE) %

C	Mn	Si	S	P	Cr	Cu	Mo	Ni
0.08 max	1.0 - 2.5	0.30 - 0.65	0.020 max	0.030 max	19.5 - 22	0.50 max	0.50 max	9.0 - 11.0

## MECHANICAL PROPERTIES (RANGE)

TS (N/mm <sup>2</sup> )	EL (%) (L=4D)
550 min	35 min

## TYPICAL APPLICATIONS

- For welding of 19/10 austenitic stainless steel plates of the type AISI 301, 302, 304, 304L, sheets, pipes and tubes used in chemical plants, fertilizer plants, oil refineries, food and dairy industries.
- Can be used for welding stablised stainless steel 347 & 321 provided service temperatures for structural application are below 4000C. Also used for making furniture, hospital and kitchen equipment etc.

**SHIELDING GAS** : Argon, 99.99%, 6-12 l/min

## PACKING PARAMETERS

Size (mm)	Length (mm)	Packing / Packet (kg)	Packing / Box (kg)
1.6	1000	5	5 x 4 = 20
2	1000	5	5 x 4 = 20
2.40 / 2.50	1000	5	5 x 4 = 20
3.15 /3.20	1000	5	5 x 4 = 20