GWELD
SEAL OF TRUST

GETIG 317

IDENTIFICATION
Getig 317, ER 317

CLASSIFICATION
AWS/SFA 5.9: ER 317

DESCRIPTION

A stainless steel tig rod intended for welding of low carbon, molybdenum alloyed, acid resisting austenitic stainless steel of similar composition (317). The deposited weld metal is of X-ray quality. The higher molybdenuem content provides better resistance to both acid corrosion and pitting corrosion compared to 316L stainless steel grade.

CHEMICAL ANALYSIS (RANGE) %

C	Mn	Si	S	Cr	Ni	Mo	Cu
0.08 max	1.2 - 2.50	0.30 - 0.65	0.03 max	18.5 - 20.5	13.0 - 15.0	3.0 - 4.0	0.75 max

MECHANICAL PROPERTIES (RANGE)

TS (MPa)	EL (%) (L=4D)
550 min	45 min

TYPICAL APPLICATIONS

- For welding ASTM / ASME 317 CF8M, DIN 1.4404 / 1.4401, 1.4403, 1.4436.
- Fabrication of stainless steel structures and assemblies such as plate, pipe work, vessels, tanks, forgings and castings, in the chemical power and pharmaceutical industries, food, drink and paper processing plant.

SHIELDING GAS : Pure Argon : 99.99% -> 8-16 l/min + back purging

CORROSION RESISTANCE

Good resistance to chloride pitting resistance. e.g. sulphurous and sulphuric acids.

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