



FW 308

CODIFICATION: AWS : SFA 5.9 ER308

CHARACTERISTICS AND APPLICATIONS:

FW 308 is a solid wire for TIG welding, available in bright finish, gives smooth flow, stable arc and spatter free under optimum welding conditions. It gives radiographic quality welds. It is ideally suited for welding of stainless steels of similar composition like 304 and equivalents, for overlays, surfacing, and repairing castings of similar materials.

TYPICAL CHEMICAL COMPOSITION OF SOLID WIRE:

Element	C	Mn	Si	S	P	Cr	Ni
%	0.04	1.20	0.30	0.015	0.018	20.0	10.0

TYPICAL MECHANICAL PROPERTIES OF ALL WELD METAL:

UTS	Elongation
(MPa)	(L = 4d) %
570	40.0

SHIELDING GAS: Argon

CURRENT CONDITION: DCEN

WELDING POSITION: H, F, VU, OH

PACKING:

STANDARD SIZE: Diameter 1.6 mm, 2.0 mm, 2.4 mm & 3.2 mm in cut lengths of 1000 mm each.

QUANTITY 5 kgs wire put in an air-tight polythene bag and finally packed in a plastic container.
Identification – AWS code is punched on each wire.