

ROYAL –ER 308L (ER 308L)

AWS –SFA A 5.9 ER 308L

Applications

It is used for welding AISI, ASTM 308, 304, 304L type Stainless Steel plate, Sheets, Pipes, Tubes etc. Fabricating Equipments for dairy, Chemical & Fertilizer Industries, Oil refineries, Specially use for root run.

Characteristics on Usage

This wire rods with low carbon content confirms to AWS – SFA 5.9 ER 308L class. The weld metal is very good resistant to inter granular corrosion with free from porosity & molten pool, and controlled ferrite

Chemical Composition Of Weld Metal

C%	Mn%	Si%	S%	P%	Cr %	Ni %	Mo
0.03 Max	1.00 – 2.50	0.30 – 0.65	0.03 Max	0.03 Max	19.5 – 22.0	9.0 – 11.0	0.75

Mechanical Properties Of Weld Metal

U.T.S.	ELONGATION	Identification Mark
(N/mm ²)	(L = 4d) %	
520	35 % Min	Tip colour yellow

Packing

Each Packets content 5 kg of Wire Rods having length 500 mm.,1000mm.