

**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. (N/mm <sup>2</sup> )	ELONGATION ( L = 4d ) %	Identification Mark
520	35 % Min	Tip colour yellow

**Packing**

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