

# ROYAL –ER 308LSi Stainless Steel Solid Filler Wire Rods

AWS/ SFA A 5.9 ER 308L Si

## Description

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

## Typical 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.

## Packing

Each Packets content 5 kg of Wire Rods having length 1000mm  
Also available in MIG wire Size 0.80 , 1.00, 1.20, 1.60 mm in 12.5 kg Spool.

MIG TIG WIRES

## Chemical Composition Of Weld Metal

C%	Mn%	Si%	S%	P%	Cr %	Ni %	Mo%	Cu%
0.03 Max	1.0– 2.5	0.65 -1.00	0.03 Max	0.03 Max	19.5 - 22.0	9.0– 11.0	0.75 Max	0.75 Max

## Mechanical Properties Of Weld Metal

U.T.S. (N/mm <sup>2</sup> )	ELONGATION ( L = 4d ) %	Shielding Gas
520	35 % Min	Ar + 2% Oxygen