

**ROYAL ER 308H (ER 308 H)**

AWS –SFA A 5.9 ER 308H

**Applications**

It is used for welding AISI, ASTM 308, 304 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 confirms to AWS – SFA 5.9 ER 308H 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
0.04 - 0.08	1.0 - 2.5	0.30 - 0.65	0.030 Max	0.030 Max	19.5 - 22.0	9.0 - 11.0	0..50

**Mechanical Properties Of Weld Metal**

U.T.S. (N/mm <sup>2</sup> )	ELONGATION ( L = 4d ) %
550	35

**Packing**

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