

# ROYAL ER 308H (ER 308 H)

AWS –SFA A 5.9 ER 308H EN ISO 14343 A G/W 19 9 H

## 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.

## Packing

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

## 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 Max

## Mechanical Properties Of Weld Metal

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