

# ROYAL ER NiCr3 (ER NiCr3)

AWS –SFA A 5.14 ER NiCr3 EN ISO 18274 A S Ni 6082

## Applications

It is used for welding of Nickel chromium iron Alloy (ASTM B163, B166, B167 & B168 to it self. For Surfacing steel with Nickel chromium iron Weld metal for dissimilar welding etc.

## Characteristics on Usage

Royal ER NiCr3 – Nickel alloys solid filler Wire Rods deposit 72% Ni, 20% Cr, 3% Mn and 2.5 % Nb+ Ta. It is used for joining Steel to Stainless steel or Nickel base alloys.

## Packing

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

## Approvals

B.V.

MIG TIG WIRES

## Chemical Composition Of Weld Metal

C%	Mn%	Si%	S%	P%	Cr %	Ni %	Cu %
0.10 Max	2.50 - 3.50	0.50 Max	0.015 Max	0.030 Max	18.0 - 22.0	67.0 Min	0.50 Max

## Mechanical Properties Of Weld Metal

U.T.S. (N/mm <sup>2</sup> )
550 Min