

# ROYAL – CUPRO NICKEL 90 - 10 (SFA 5.7ER Cu Ni)

AWS / SFA 5.7ER Cu Ni

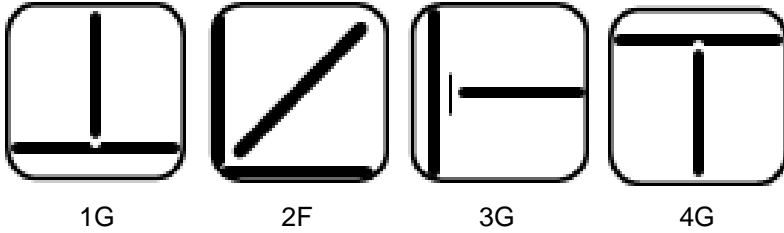
## Applications

It is used for welding of Copper - Nickel Alloys

## Characteristics on Usage

Royal Cupro Nickel alloys solid filler Wire Rods deposit 90% Cu, 10% Ni Weld Metal. the nickel strengthens the weld metal & improves the corrosion resistance against Sea Water, salt water

## Welding Positions



## Chemical Composition Of Weld Metal

| C%       | Mn%      | Si%      | P%        | Ni %  | Cu % | Fe%         | Ti %   |
|----------|----------|----------|-----------|-------|------|-------------|--------|
| 0.05 max | 1.00 max | 0.25 max | 0.020 max | 10.00 | Bal. | 0.40 – 0.75 | 0.20 – |

## Mechanical Properties Of Weld Metal

| U.T.S.<br>(N/mm <sup>2</sup> ) |
|--------------------------------|
| 345                            |

## Packing

Each pcks. Contents 5 kg. of wire Rods. Special packing will be supply on request.