

# Nouvarc ER410

## AWS SFA 5.9 ER410

### Characteristics & Application

Sold rod for joining of stainless steels (403,405, 416, etc.).

Resistant to atmosphere corrosion, water corrosion and light acids.

### Welding Positions

All

### Typical End Chemistry

| C%    | Mn%  | Si%  | Cr%   | S%       | P%       |
|-------|------|------|-------|----------|----------|
| 0.030 | 0.50 | 0.30 | 13.10 | 0.020max | 0.030max |

### Mechanical Properties

| UTS<br>N/mm <sup>2</sup> | YS<br>N/mm <sup>2</sup> | ELONG<br>% |
|--------------------------|-------------------------|------------|
| 450 min                  | 250 min                 | 15 min     |

[Values obtained with good operating conditions]

### Shielding Gas

100% Ar (6-12 lpm)

### Packing Particulars

Diameter of Wire : In mm 0.80 | 1.0 | 1.20 | 1.60 | 2.00

### Packing Norms

Plastic Spools and Drum Pack in  
12.5 Kg | 15 Kg | 100 Kg | 250 Kg