

# INOX E316L-16

STAINLESS STEEL WELDING ELECTRODE

**TecMig**  
The pro's choice



| SIZE  | AMPS    |
|-------|---------|
| 2.5mm | 50-85A  |
| 3.2mm | 70-115A |
| 4.0mm | 95-145A |

## CLASSIFICATION

AWS A5.4 E316L-16  
EN ISO 3581-A-E19 12 3 L R

## PACKING SPECIFICATION

2kg Plastic Tube

## CURRENT TYPE

AC/DC +

## AVAILABLE SIZES (DIA./LENGTH)

2.5mm\*350mm  
3.2mm\*350mm  
4.0mm\*350mm

## EQUIVALENT TO

Lincoln Excalibur 316L-16  
Esab Arcaloy 316L-16  
Hyundai S-316L.16N  
Kiswel KST-316L  
Indura 316L

Note: ① Re bake it at 350 degrees for 1 hour prior to use.

## TYPICAL APPLICATIONS

1. General Fabrication
2. Maintenance and Repair
3. Process Industries

## CHARACTERISTICS

1. All positional welding capability
2. Super low carbon level helps eliminate carbide precipitation in high temperature service
3. Molybdenum content ensures better corrosion resistance
4. Porosity free weld bead

## CHEMICAL COMPOSTIONS (Wt%), ALL WELD METAL, TYPICAL

| C    | Mn   | Si   | S     | P     | Cr   | Ni   | Mo  |
|------|------|------|-------|-------|------|------|-----|
| 0.03 | 1.11 | 0.73 | 0.008 | 0.035 | 18.6 | 12.7 | 2.5 |

## MECHANICAL PROPERTIES, ALL WELD METAL, TYPICAL

| Condition | Tensile Strength (Mpa) | Elongation (%) |
|-----------|------------------------|----------------|
| AW        | 570                    | 45             |