



## VENUS – AISI 304L TIG / MIG / SAW Welding Filler Wires

### Classifications:

American Iron and Steel Institute: 304L

ASTM: A164

ASME: SA164

### Typical Chemistry Composition of Weld Deposit:

| C     | Cr            | Ni           | Mn    | Si    |
|-------|---------------|--------------|-------|-------|
| <0.03 | 18.00 – 20.00 | 8.00 – 13.00 | <2.00 | <0.75 |

### Description:

- TIG/MIG welding of 18%Cr-8%Ni austenite stainless steels (AISI STS 304H).

### Typical Mechanical Properties:

| Yield Strength<br>(Mpa) | Tensile Strength<br>(Mpa) | Elongation<br>(%) |
|-------------------------|---------------------------|-------------------|
| min. 200                | min. 520                  | min. 35           |

### Packaging:

**MIG/MAG Wire** (Ø in mm): 0.80 / 1.00 / 1.20 MM in 12.50 Kg Spools / 125 Kg Drums

**TIG Wire** (Ø in mm): 0.80 / 1.00 / 1.20 / 1.60 / 2.00 / 2.40 / 3.20 / 4.00 MM

**SAW Wire** (Ø in mm): 1.60 / 2.00 / 2.40 / 3.20 / 4.00 / 5.00 MM



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