

## **Metal Impex – ER 308L TIG / MIG / SAW Welding Filler Wires**

### **Classifications:**

EN ISO 14343-A: W 19 9 L  
EN ISO 14343-B: SS 308L  
AWS A5.9: ER308L

KS D 7026: Y308L  
JIS Z 3321: Y308L

### **Typical Chemistry Composition of Weld Deposit:**

| C     | Cr            | Ni           | Mn          | Si          |
|-------|---------------|--------------|-------------|-------------|
| <0.03 | 19.50 – 22.00 | 9.00 – 11.00 | 1.00 – 2.50 | 0.30 – 0.65 |

### **Description:**

- For Welding of 18%Cr-8%Ni austenite stainless steels (AISI STS 301, 302, 304)

### **Typical Mechanical Properties:**

| Yield Strength<br>(Mpa)<br>min. 320 | Tensile Strength<br>(Mpa)<br>min. 520 | Elongation<br>(%)<br>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

### **Metal Impex**

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