



# CEWELD SA 308L

**TYPE** Solid stainless steel wire for submerged arc welding (SAW)

**APPLICATIONS** Boilers, agriculture, liquid storage tanks, food machinery, furniture etc.

**PROPRIÉTÉS** SA 308L has good general corrosion resistance. The alloy has a low carbon content, making it particularly recommended where there is a risk of intergranular corrosion. Best to be used with our agglomerated flux FL 8111, FL 838 or fused flux FL 880

**CLASSIFICATION**

|        |                   |
|--------|-------------------|
| AWS    | A 5.9: ER308L     |
| EN ISO | 14343-A: S 19 9 L |
| W.Nr.  | 1.4316            |
| F-nr   | 6                 |
| FM     | 5                 |

**CONVIENT POUR** **ISO 15608: 8.1 Austenitic ≤ 19 % Cr 9% Ni, TÜV 1000: Gr. 21 - 22 (29 max.350°C),**  
 1.4301, 1.4306, 1.4307, 1.4308, 1.4311, 1.4312, 1.6900, 1.6901, 1.6902, 1.6903, 1.9606, 1.4541,  
 1.4546, 1.4550  
 X 5 CrNi 18 10, X 2 CrNi 19 11, X 5 CrNi 18 9, G-X 6 CrNi 18 9, X 12 CrNi 18 9, G-X 8 CrNi 18 10, X 6  
 CrNi 18 10, X 10 CrNiTi 18 10, X 5 CrNi 18 10  
 AISI 304, 304H, 312, 321H, 347, 347H,  
 UNS S30409, S32109, S34709, S30400, S32100, S34700

**AGRÉMENTS** CE

**POSITIONS DE SOUDAGE**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

| C    | Si  | Mn | P   | S   | Cr | Ni | Mo  |
|------|-----|----|-----|-----|----|----|-----|
| 0.02 | 0.5 | 2  | 0.2 | 0.2 | 21 | 10 | 0.3 |

**PROPRIÉTÉS MÉCANIQUES**

| Heat Treatment | R <sub>p0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A <sub>5</sub> (%) | Impact Energy (J) ISO-V |        | Hardness |
|----------------|-------------------------|----------------------|--------------------|-------------------------|--------|----------|
|                |                         |                      |                    | RT                      | -196°C |          |
| As Welded      | 390                     | 670                  | 37                 | 90                      | 47     | HRc      |

**ETUVAGE** Not required

**GAS ACC. EN ISO 14175**



# CEWELD SA 308L

SA 308L 2,4MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| K-415     | 25      | 8720663413703 |

SA 308L 3,2MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| K-415     | 25      | 8720663413710 |