



# CEWELD SA 308L

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

TOEPASSINGEN Boilers, agriculture, liquid storage tanks, food machinery, furniture etc.

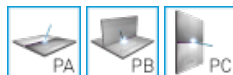
EIGENSCHAPPEN SA 308L has good general corrosion resistance. The alloy has a low carbon content, making it particularly recommended where there is a risk of intergranular corrosion. Best to be used with our agglomerated flux FL 8111, FL 838 or fused flux FL 880

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

GESCHIKT VOOR  
**ISO 15608: 8.1 Austenitic  $\leq 19\%$  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

GOEDKEURINGEN CE

LASPOSITIES



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 |

MECHANISCHE WAARDEN

| 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      |

HERDROGEN 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 |