



# CEWELD SA 316L strip

**TYPE** Stainless steel strip for cladding overlay applications.

**APPLICATIONS** Cladding tanks, vessels, tubes etc.

**PROPRIÉTÉS** Latest generation clean melting quality guarantees optimum metallurgical quality and attractive welder appeal. Combined with our high basic electro slag flux FL 830 ESHC excellent results are obtained in both deposition rate as minimum dilution rate due to the higher slag temperature compare to other electro slag fluxes.

**CLASSIFICATION**

|        |                      |
|--------|----------------------|
| AWS    | A 5.9: EQ316L        |
| EN ISO | 14343-A: B 19 12 3 L |
| W.Nr.  | 1.4430               |

**CONVIENT POUR** Cladding applications where a 18/8/2 (AISI 316) CrNiMo layer is required to offer good resistance against general corrosion, particularly to corrosion in acid and chlorinated environments.

**AGRÉMENTS** CE

**POSITIONS DE SOUDAGE**



**ANALYSE CHIMIQUE  
TYPIQUE DU MÉTAL  
D'APPORT (%)**

| C     | Si  | Mn | P    | S    | Cr | Ni | Mo  |
|-------|-----|----|------|------|----|----|-----|
| 0.025 | 0.6 | 2  | 0.02 | 0.01 | 19 | 12 | 2.8 |

**PROPRIÉTÉS MÉCANIQUES**

| Heat Treatment | R <sub>p0.2</sub> (MPa) | R <sub>m</sub> (MPa) | A5 (%) | Hardness |
|----------------|-------------------------|----------------------|--------|----------|
| As Welded      | 440                     | 620                  | >30    | HRc      |

**ETUVAGE** Not required

**GAS ACC. EN ISO 14175**