




CEWELD SA 347 strip

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|---|--|--------------------|-------------------------|----------------------|--------------------|----------|----|-----|
| TYPE | Solid stainless steel welding strip | | | | | | | |
| APPLICATIONS | Overlay welding of surfaces to reach high intergranular corrosion resistance | | | | | | | |
| PROPRIÉTÉS | SA 347 strip is trip s stainless steel strip for cladding overlay applications. Latest generation clean melting quality guarantees optimum metallurgical quality and attractive weld 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: EQ347 | | | | | | |
| | EN ISO | 14343-A: B 19 9 Nb | | | | | | |
| | W.Nr. | 1.4551 | | | | | | |
| CONVIENT POUR | ISO 15608: 8.1 / TÜV Groupe 29 (+22+21) / E347, 19 9 Nb, 1.4551 1.4541, 1.4550, 1.4552 1.4319, 1.4306, 1.4306, 1.4301, 1.4303, 1.4308, 1.4310, 1.4312, (1.4000, 1.4001, 1.4002, 1.4003, 1.4006) X 6 NiTi 18 10, X 6CrNiNb 18 10, G-X 5CrNiNb 18 9, X 5CrNi 18 7, X 2CrNi 19 11, G-X 2CrNi 18 9, X 5CrNi 18 10, X 5CrNi 18 12 G-X, 6CrNi 18 9, X 12CrNi 17 7, G-X 10CrNi 18 8 AISI: 321, 347 | | | | | | | |
| AGRÉMENTS | CE | | | | | | | |
| POSITIONS DE SOUDAGE |  | | | | | | | |
| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | C | Si | Mn | P | S | Cr | Ni | Nb |
| | 0.06 | 0.55 | 2 | 0.2 | 0.1 | 20 | 10 | 0.5 |
| PROPRIÉTÉS MÉCANIQUES | Heat Treatment | | R _{P0,2} (MPa) | R _m (MPa) | A ₅ (%) | Hardness | | |
| | As Welded | | 360 | 570 | | HRc | | |
| ETUVAGE | Not required | | | | | | | |
| GAS ACC. EN ISO 14175 | | | | | | | | |