



CEWELD SA 347 strip

TYPE

TOEPASSINGEN

EIGENSCHAPPEN

CLASSIFICATIE

GESCHIKT VOOR

GOEDKEURINGEN

LASPOSITIES

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

MECHANISCHE WAARDEN

HERDROGEN

GAS ACC. EN ISO 14175

Solid stainless steel welding strip

Overlay welding of surfaces to reach high intergranular corrosion resistance

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.

AWS

EN ISO

W.Nr.

A 5.9: EQ347

14343-A: B 19 9 Nb

1.4551

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

CE



C	Si	Mn	P	S	Cr	Ni	Nb
0.06	0.55	2	0.2	0.1	20	10	0.3

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness
As Welded	360	570		HRc

Not required