



DAIKOSTRIP 418

SAW - ESW

NICKEL ALLOYS

400

PRODUCT DESCRIPTION

Strip designed for submerged-arc and electroslag strip cladding of alloy 400.

This strip is used for multilayer cladding for chemical & marine engineering, desalination processing, heat exchangers, applications requiring an excellent corrosion resistance against aggressive media including sea water, alkalies, hydrofluoric & sulphuric acids.

SPECIFICATIONS

AWS A5.14	EQNiCu-7
EN ISO	-
DIN	1736
Approvals	NiCu30MnTi
Shielding	DAIKOFLUX 930, 937AS

ASME IX QUALIFICATION

F-No (QW432)	42
A-No (QW442)	-

FERRITE

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PREN

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HARDNESS

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Typical strip analysis

C	Mn	Si	Ti	Ni	Cu	Fe
0.03	3.5	0.2	2.3	64.8	29.0	0.1

Submerged arc strip cladding with DAIKOFLEX 930 on a 0.2% C - Steel

	C	Mn	Si	Ti	Ni	Cu	Fe	Thickn. (mm)
2nd Layer (alloy 400)	0.018	3.2	1.0	0.33	Bal.	28.1	7.1	4.7

Electroslag strip cladding with DAIKOFLEX 937AS on a 0.2% C - Steel

	C	Mn	Si	Ti	Ni	Cu	Fe	Thickn. (mm)
2nd Layer (alloy 400)	0.016	3.3	0.5	0.69	Bal.	28.2	2.0	5