

Classifications

Characteristics and typical fields of application

SOU DOTAPE NiCrMo59 is a extra low carbon nickel chromium molybdenum strip especially developed to get alloy 59 (Wr N. 2.4607) in combination with ESSC flux RECORD EST 259.

Alloy 59 has excellent resistance against pitting, crevice corrosion and chloride induced stress corrosion cracking.

Therefore, because of proved resistance to oxidizing and reducing media, Alloy 59 cladding is the most suitable solution for highly corrosive media in a wide range of components for chemical & petro-chemical industry, energy plants and environmental technologies. Exceptional resistance to contaminated oxidizing mineral acids, acetic acids and acetic anhydrides, hot contaminated sulphuric and phosphoric acid.

Typical analysis

	C	Si	Mn	Cr	Ni	Mo	Fe
wt.-%	0.005	0.02	0.2	22.7	Rem.	15.5	0.8

Typical fluxes to combine

Process	Name	EN ISO 14174
ESW	RECORD EST 259	ES A FB 2B

Packaging

Size(s) in mm	Type	Weight
30 x 0,5	Coil	25 - 30 kg
60 x 0,5	Coil	50 - 60 kg

Other sizes and coil weights on request.