

Classifications

EN ISO 24373	ASME II C SFA 5.7
B Cu 7158 (CuNi30Mn1FeTi)	EQCuNi

Characteristics and typical fields of application

SOUDOTAPE CuNi30 is a 70%Cu 30%Ni Copper alloy strip electrode for Submerged Arc Strip Cladding.

SOUDOTAPE CuNi30 in combination with submerged arc flux RECORD CuNi30 TW produce weld overlay that meet requirement of SFA 5.39 CuNi designation from third layer.

In case of cladding on carbon steel, a buffer layer with SOUDOTAPE NiCu7 in combination with submerged arc welding flux RECORD NiCu TW or electroslag flux RECORD EST 400 is necessary.

The exceptional resistance to corrosion in sea water makes SOUDOTAPE CuNi30 electrode the ideal choice for cladding in offshore industries, desalination plant and marine environments.

Typical analysis

	C	Si	Mn	Ni	Ti	Fe	Cu
wt.-%	0.02	0.05	0.8	30.5	0.4	0.6	Rem.

Typical fluxes to combine

Process	Name	EN ISO 14174
SAW	RECORD CuNi30 TW	S A AB 4

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.