

## Classifications

ASME II C SFA 5.9	EN ISO 14343-A	EN ISO 14343-B
EQ430	B 17	BS430

## Characteristics and typical fields of application

SOUDOTAPE 430 is a low carbon ferritic 17% chromium stainless steel strip electrode.

In combination with SASC flux RECORD RT 159,

low carbon 16%Cr ferritic stainless steel (X6Cr17 ; 1.4016 ; 430) to met hardness in the range of 200HB from third layer

In combination with ESSC flux RECORD EST 426,

low carbon 16%Cr ferritic stainless steel (X6Cr17 ; 1.4016 ; 430) to met hardness in the range of 200HB from second layer

In combination with SASC flux RECORD RT 152,

low carbon 13%Cr-4%Ni-1%Mo stainless steel (F6MN ; X3CrNiMo13-4 ; 1.4313 ; 415) to met hardness in the range of 40HRc from third layer

In combination with SASC flux RECORD RT 162,

low carbon 13%Cr-4%Ni-1%Mo stainless steel (F6MN ; X3CrNiMo13-4 ; 1.4313 ; 415) to met hardness in the range of 40HRc from first layer

In combination with ESSC flux RECORD EST 452,

low carbon 13%Cr-4%Ni-1%Mo stainless steel (F6MN ; X3CrNiMo13-4 ; 1.4313 ; 415) to met hardness in the range of 40HRc from second layer

In combination with SASC flux RECORD RT 742,

low carbon 13%Cr-3%Ni-1%Mo-Nb-V stainless steel to met hardness in the range of 40HRc from third layer

In combination with SASC flux RECORD RT 179,

to met low carbon 17% chromium ferritic stainless steel (1.4016 ; X6Cr17 ; 430)

Suitable for continuous casting rolls, milling rolls, hardfacing applications in steelworks.

## Typical analysis

	C	Si	Mn	Cr	Fe
wt.-%	0.04	0.3	0.4	16.2	Rem.

## Typical fluxes to combine

Process	Name	EN ISO 14174
ESW	RECORD EST 426	ES A FB 3
ESW	RECORD EST 452	ES A FB 3
SAW	RECORD RT 152	S A CS 3
SAW	RECORD RT 159	S A CS 3
SAW	RECORD RT 162	S A CS 3
SAW	RECORD RT 179	S A CS 3
SAW	RECORD RT 742	S A CS 3

## Packaging

Size(s) in mm	Type	Weight
30 x 0,5	Coil	25 - 30 kg
60 x 0,5	Coil	50 - 60 kg
90 x 0,5	Coil	75 - 90 kg

Other sizes and coil weights on request.