

Classifications

ASME II C SFA 5.9	EN ISO 14343-A	EN ISO 14343-B
EQ420	"B 13 H"	BS420

Characteristics and typical fields of application

SOUDOTAPE 420 is a high carbon martensitic 13% chromium stainless steel strip electrode.

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

In combination with RECORD RT 159,

high carbon 13%Cr martensitic stainless steel (X20Cr13 ; 1.4021 ; 420) to met hardness in the range of 50HRc from third layer

In combination with RECORD EST 426,

high carbon 13%Cr martensitic stainless steel (X30Cr13 ; 1.4028 ; 420F) to met hardness in the range of 50HRc from second layer

In combination with RECORD EST 423,

high carbon 13%Cr-1.8%Mo martensitic stainless steel to met hardness in the range of 55HRc from second layer

Typical analysis

	C	Si	Mn	Cr	Fe
wt.-%	0.3	0.3	0.4	13.7	Rem.

Typical fluxes to combine

Process	Name	EN ISO 14174
ESW	RECORD EST 423	ES A FB 3
ESW	RECORD EST 426	ES A FB 3
ESW	RECORD EST 452	ES A FB 3
SAW	RECORD RT 159	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.