

## Classifications

AWS A5.17 / SFA-5.17	EN ISO 14171-A	EN ISO 14171-B
(EL8)	(S1)	(SU08)

## Characteristics and typical fields of application

SOUDOTAPE A is a mild steel strip electrode developed for Submerged Arc Strip Cladding of various low-alloyed steels.

- Suitable for rolls, casting rollers, buffer layer.

In combination with RECORD RT 159

SOUDOTAPE A is perfectly suitable to get buffer layer with hardness in the range of 150HB.

In combination with RECORD SMO TW,

0.5%Mo steel chemical deposit (1.5415 - 16Mo3 - SA387 Gr. 1) with hardness in the range of 150HB.

In combination with RECORD CrMo15 TW,

1.25%Cr + 0.5%Mo steel chemical deposit (1.7335 - 13CrMo4-5 - SA387 Gr. 11) with hardness in the range of 200HB.

In combination with RECORD CrMo22,

2.25%Cr + 1.0%Mo steel chemical deposit (1.7380 - 10CrMo9-10 - SA387 Gr. 22) to get hardness in the range of 250HB.

In combination with RECORD RT350,

5%Cr + 1%Mo steel chemical deposit to get hardness in the range of 350HB (40HRC)

In combination with RECORD RT600,

high carbon predominantly martensitic microstructure to get hardness in the range of 600HB (55HRC)

## Typical analysis

	C	Si	Mn	Fe
wt.-%	0.03	0.01	0.20	Rem.

## Typical fluxes to combine

Process	Name	EN ISO 14174
SAW	RECORD CrMo15 TW	S A CS 3
SAW	RECORD CrMo22	S A CS 3
SAW	RECORD RT 159	S A CS 3
SAW	RECORD RT 350	S A AB 3
SAW	RECORD RT 600	S A AB 3
SAW	RECORD S46 T	S A AB 1
SAW	RECORD SMO TW	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

Other sizes and coil weights on request.