

## Classifications

EN ISO 14343-A

AWS A5.9 / SFA-5.9

S 19 9 L

ER308L

## Characteristics and typical fields of application

Wire for submerged arc welding of stainless steel grades like 1.4306 / 304L. The chemical composition of the wire has been optimised in its chemical composition to provide a slightly lower ferrite content, compared to a standard ER 308L wire. This is beneficial for higher impact strength at  $-196^{\circ}\text{C}$  in the weld metal. Applications can be found in multiple cryogenic applications like LNG.

## Typical analysis of the wire

	C	Si	Mn	Cr	Ni	FN
wt.-%	0.02	0.40	1.8	20.0	11.0	3 – 8

## Typical fluxes to combine

Process	Name	EN ISO 14174
SAW	Marathon 104	S A FB 2 AC
SAW	Marathon 203 (BÖHLER BB 203)	
SAW	Marathon 431	S A FB 2 DC

## Packaging

Size(s) in mm	Type	Weight
2,4	Basket spool	25 kg
3,2	Basket spool	25 kg

Other sizes and coil weights on request.

