

## Classifications

EN ISO 14343-A	AWS A5.9 / SFA-5.9
S 19 13 4 L	ER317L

## Characteristics and typical fields of application

A stainless steel SAW wire, designed for welding type 18 Cr 14 Ni 3 Mo austenitic stainless steels and similar. The enhanced content of chromium, nickel and molybdenum compared to 316L gives improved corrosion properties in acid chloride containing environments. Austenite with 5 – 10% ferrite. Scaling temperature is approx. 850°C (air). Better resistance to general, pitting and intercrystalline corrosion in chloride containing environments than 1.4404 / 316L. Intended for severe service conditions, i.e. in dilute hot acids.

## Typical analysis of the wire

	C	Si	Mn	Cr	Ni	Mo
wt.-%	0.01	0.45	1.4	19.0	13.5	3.6

## Typical fluxes to combine

Process	Name	EN ISO 14174
SAW	Marathon 431 (Avesta Flux 807)	S A FB 2 DC
SAW	Marathon 805 (Avesta Flux 805)	S A AF 2 DC

## Packaging

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

Other sizes and coil weights on request.

