

## Classifications

EN ISO 14343-A

AWS A5.9 / SFA-5.9

S Z 18 16 5 N L

ER317L (mod.)

## Characteristics and typical fields of application

A solid wire for submerged arc welding of S Z 18 16 5 N L / ER317L (mod.) type for joining and surfacing of matching and similar austenitic non-stabilized and stabilized stainless and non-magnetic CrNiMo(N)-steels and cast steel grades. Excellent CVN toughness behavior down to  $-196^{\circ}\text{C}$ . Well-suited for depositing intermediate layers when welding products clad with a matching or similar overlay. High Mo content provides high resistance to pitting and crevice corrosion in Cl-bearing aqueous media. Resistant to intergranular corrosion. Application temperature max.  $400^{\circ}\text{C}$ .

## Typical analysis of the wire

	C	Si	Mn	Cr	Ni	Mo	N	PRE <sub>N</sub>
wt.-%	0.01	0.40	5.2	19.0	17.0	4.1	0.17	34.6

## Typical fluxes to combine

Process	Name	EN ISO 14174
SAW	Marathon 104	S A FB 2 AC

## Packaging

Size(s) in mm	Type	Weight
3,0	basket spool	25 kg

Other sizes and coil weights on request.

