

TECHNICAL DATASHEET - WELDING CONSUMABLE

AWS Code:	ER317L
Product Code:	RW 317LAWS
Werkstoff No.:	-
MIG Certification:	-
TIG Certification:	-

EQUIVALENT OF OTHER STANDARD

EN ISO 14343-A:2017 Nominal Composition	AWS A5.9:2017 Alloy Designation	EN ISO 14343-B:2017 Alloy Type	AWS A5.9:2017 Composition Designation
18 15 3 L	ER317L	SS317L	ER317L

DESCRIPTION AND APPLICATIONS

RW 317LAWS is used for welding metals of similar composition in environments containing high levels of acids and chlorides. Preferred where pitting and crevice corrosion may occur. Suitable for high-chloride and acidic environments.

TYPICAL CHEMICAL COMPOSITION (%)

	Min.	Max.
C	-	0,03
Mn	1,00	2,50
Si	0,30	0,65
S	-	0,020
P	-	0,030
Cr	18,5	20,0
Ni	13,0	15,0
Mo	3,00	4,00
Cu	-	0,30
N	-	-
Nb	-	-
Ti	-	-

DIAMETER

MIG sizes	0,8 0,9 1,0 1,14 1,2 1,6
TIG sizes	0,8 0,9 1,0 1,2 1,6 2,0 2,4 3,2 4,0
SAW sizes	1,6 2,0 2,4 3,2 4,0

PACKAGING

MIG	Blue Metallic Wire Basket BS300: 15 Kg. Plastic Spool D300: 15 Kg. Plastic Spool D200: 5 Kg. Wooden/Metallic Bulk Spool: 250 Kg. Drum: 250-400 Kg.
TIG	Carton Boxes/Tubes: 5 Kg. (1000 mm Rod Length)
SAW	Metallic Wire Basket K415 Wooden/Metallic Bulk Spool: 250 Kg. Drum: 300 Kg.

Note: Safety Data Sheet is available on request.