

TECHNICAL DATASHEET - WELDING CONSUMABLE

AWS Code:	ER2594
Product Code:	RW 2594
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
25 9 4 N L	ER2594	SS2594	ER2594

DESCRIPTION AND APPLICATIONS

RW 2594 is a stainless welding wire considered for high-alloy duplex stainless welding applications.

TYPICAL CHEMICAL COMPOSITION (%)

	Min.	Max.
C	-	0,03
Mn	-	2,50
Si	-	1,00
S	-	0,020
P	-	0,030
Cr	24,0	27,0
Ni	8,0	10,5
Mo	2,50	4,50
Cu	0,10	0,20
N	1,50	2,50
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.