



# EXATON™

AN ESAB® BRAND

THE ONE NAME YOU NEED FOR  
STAINLESS AND NICKEL ALLOYS



	Wires MIG, TIG, SAW				
	Exaton	Type Number	AWS A5.9 (ER)	EN 14343-A (G, W, S)	SAW Flux (Joining)
Stainless Grades	16.5.1	S672	-	16 5 1	-
	18.8.Mn	S695	(307) <sup>1</sup>	18 8 Mn	-
	19.9.L	S610	308L	19 9 L	10SW, 15W
	19.9.LSi	S612	308LSi	19 9 L Si	-
	19.12.3.L	S630	316L	19 12 3 L	10SW, 15W
	19.12.3.LCRYO	SF30	316L	19 12 3 L	15W
	19.12.3.LSi	S632	316LSi	19 12 3 L Si	-
	19.13.4.L	S634	317L	19 13 4 L	-
	-	-	-	-	-
	24.13.L	S653	309L	23 12 L	15W
	24.13.LHF	S659	309L	23 12 L	15W
	22.15.3.L	S654	(309LMo) <sup>1</sup>	23 12 2 L	15W
	24.13.LNb	S657	"309LNb" <sup>2</sup>	23 12 Nb	15W
	24.13.LSi	S651	309LSi	23 12 L Si	-
	19.9.Nb	S621	347	19 9 Nb	10SW, 15W

	Strip SAW,		
	Exaton	Type Number	AWS A5.9 (EQ)
-	-	-	-
-	-	-	-
19.9.L	S161	308L	
-	-	-	-
19.12.3.L	S163	316L	
-	-	-	-
-	-	-	-
19.13.4.L	S167	317L	
22.11.L	S171	(309L) <sup>1</sup>	
24.13.L	S165	309L	
21.13.3.L	S173	(309LMo) <sup>1</sup>	
24.13.LNb	S166	"309LNb" <sup>2</sup>	
23.11.LNb	S175	"309LNb" <sup>2</sup>	
21.11.LNb	S172	"309LNb" <sup>2</sup>	
-	-	-	-
19.9.LNb	S162	347	

Duplex Grades	22.8.3.L	S686	2209	22 9 3 N L	15W
	22.8.3.LSi	S690	2209	22 9 3 N L	-
	25.10.4.L	S688	2594	25 9 4 N L	15W
	27.7.5.L	S689	-	Z 27 7 5 L	-
	29.8.2.L	S669	-	Z 29 8 2 L	-

22.8.3.L	S164	2209
-	-	-
-	-	-
-	-	-
29.8.2.L	-	-

Special Grades	SAFUREX <sup>3</sup>	S661	-	-	-
	22.12.HT	S616	-	21 10 N	15W
	25.20.L	S671	"310" <sup>2</sup>	Z 25 20 L	-
	SX	S662	-	Z 18 13 L	-
	25.22.2.LMn	S687	"310LMo" <sup>2</sup>	25 22 2 N L	15W, 31S
	20.25.5.LCu	S655	385	20 25 5 Cu L	15W
	27.31.4.LCu	S656	383	27 31 4 Cu L	15W

SAFUREX <sup>3</sup>	S176	-
-	-	-
-	-	-
-	-	-
25.22.2.LMn	S168	"310LMo" <sup>2</sup>
24.29.5.LCu	S179	(385) <sup>1</sup>
-	-	-

	Exaton	Type Number	AWS A5.14 (ER)	EN 18274 (G, W, S)	SAW Flux (Joining)
	Nickel Grades	Ni41Cu	S990	NiFeCr-1	Ni 8065
Ni53		S979	NiCrCoMo-1	Ni 6617	-
Ni54		S987	NiCrMo-10	Ni 6022	-
Ni55		S988	NiCrMo-14	Ni 6686	-
Ni56		S983	NiCrMo-4	Ni 6276	15W
Ni59		S981	NiCrMo-13	Ni 6059	-
Ni60		S984	NiCrMo-3	Ni 6625	15W, 50SW
Ni68HP		S986	NiCrFe-7	Ni 6052	-
Ni72HP		S985	NiCr-3	Ni 6082	50SW

Exaton	Type Number	AWS A5.14 (ER)
Ni41Cu	S190	NiFeCr-1
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
Ni60	S192	NiCrMo-3
-	-	-
Ni72HP	S195	NiCr-3

<sup>1</sup>(xxx) = Nearest equivalent

<sup>2</sup>"xxx" = If AWS classification existed, it would likely be named, xxx

<sup>3</sup> SAFUREX is a registered trade name of STAMICARBON

<sup>4</sup> Pending

Electrodes ESW		
EN 14343-A (B)	SAW Flux (Cladding)	ESW Flux (Cladding)
-	-	-
-	-	-
19 9 L	10SW	47S, 49S
-	-	-
19 12 3 L	10SW	47S, 49S
-	-	-
-	-	-
19 13 4 L	10SW	47S, 49S, 10.26
22 11 L	-	47S, 49S
2 3 12 L	10SW	49S
21 13 3 L	10SW	47S
23 12 L Nb	10SW	47S, 49S
23 12 L Nb	10SW	49S
22 11 L Nb	-	47S, 49S
-	-	-
19 9 Nb	10SW	47S, 49S

22 9 3 N L	10SW	47S
-	-	-
-	-	-
-	-	-
Z 29 8 2 L	-	47S

-	-	48S
-	-	-
-	-	-
-	-	-
25 22 2 N L	31S	37S, 47S
-	-	47S
-	-	-

EN 18274 (B)	SAW Flux (Cladding)	ESW Flux (Cladding)
Ni 8065	-	69S
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
Ni 6625	-	69S
-	-	-
Ni 6082	50SW	69S

Covered Electrodes MMA			
Exaton	Type Number	AWS A5.4 (E)	EN ISO 3581-A (E)
-	-	-	-
-	-	-	-
19.9.LR	6894	308L-17	19 9 L R 12
-	-	-	-
19.12.3.LR	6895	316L-17	19 12 3 L R 12
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
24.13.LR	6896	309/309 L-17	23 12 L R 32
23.12.2.LR	6897	309L Mo-17	23 12 2 L R 32
-	-	-	-
-	-	-	-
19.9.NbR	6900	347-17	19 9 Nb R 12

22.9.3.LR	6890	2209-17	22 9 3 N L R
22.9.3.LB	6891	2209-15	22 9 3 N L B
-	-	-	-
25.10.4.LR	6892	2594-16	25 9 4 N L R
25.10.4.LB	6893	2594-15	25 9 4 N L B
-	-	-	-
-	-	-	-

-	-	-	-
22.12.HTR	6898	-	Z 23 10 N R 12
-	-	-	-
-	-	-	-
25.22.2.LMnB	6902	(310L Mo-15) <sup>1</sup>	25 22 2 N L B 12
20.25.5.LCuR	6899	385-16	20 25 5 Cu N L R 32
27.31.4.LCuR <sup>4</sup>	6903	383-17	27 31 4 Cu L R

Exaton	Type Number	AWS 5.11 (E)	EN ISO 14172 (E)
-	-	-	-
Ni53	9112	NiCrCoMo-1	Ni 6117
Ni54	9113	NiCrMo-10	Ni 6022
-	-	-	-
Ni56	9114	NiCrMo-4	Ni 6276
Ni59	9109	NiCrMo-13	Ni 6059
Ni60	9108	NiCrMo-3	Ni 6625
-	-	-	-
Ni71	9110	NiCrFe-3	NiCrFe-3

Base Material EN 10088-1
1.4418
1.4370
1.4316
1.4316
1.4430
1.4430
1.4430
(1.4438)
-
1.4332
1.4459
1.4332
1.4332
1.4551

1.4462
1.4462
(1.4410)
-
-

-
1.4835
1.4842
-
(1.4466)
1.4519
-

DIN 17744
-
2.4663
2.4602
-
2.4807
2.4605
2.4856
2.4627
2.4807

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**New name – same great quality you would expect.**

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- Shielding Gas Assistance
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- Heat-Input Calculators

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