



WELDING WIRE ALUMINIUM



Filo per saldatura in alluminio
Fil de soudure en aluminium
Lötzin in Aluminium

Product availability / Disponibilità prodotto / Produit disponible / Verfügbare werkstoffe

Novametal	AWS A5.10**	ISO 18273	DIN 1732	W. Nr.
NMA 1050	ER1100*	Al 1070 / Al99.7*	Al 99.5	3.0259
NMA 1080	ER1080A	Al 1080A / Al99.8(A)	Al 99.8	3.0286
NMA 4043	ER4043, ER4043A	Al 4043 / Al 4043A AlSi 5 / AlSi 5(A)	Al Si 5	3.2245
NMA 4047	ER4047, ER4047A	Al 4047 / Al 4047A AlSi 12 / AlSi12(A)	Al Si 12	3.2585
NMA 5087	ER5087	Al 5087 / AlMg4.5MnZr	Al Mg 4.5 MnZr	3.3546
NMA 5183	ER5183A ER5183	Al 5183 / AlMg4.5Mn0.7(A)	Al Mg 4.5 Mn	3.3548
NMA 5356	ER5356, ER5356A	Al 5356 / Al 5356A AlMg5Cr(A)	Al Mg 5	3.3556
NMA 5554	ER5554	Al 5554 / AlMg2.7Mn	Al Mg 2.7 Mn	3.3538
NMA 5556	ER5556, ER5556A-B-C	Al 5556 Al 5556A-B-C / AlMg5MnTi	-	3.3548*
NMA 5754	ER5754	Al 5754 / AlMg3	Al Mg 3	3.3536

* = nearest equivalent

Aluminium product approvals / Certificazioni prodotti in alluminio
Approbations de produits en aluminium / Aluminium Produktzulassungen

Novametal	NMA 4043	NMA 5183	NMA 5356	NMA 5556
MIG				
ABS	✓	✓	✓	✓
BV	✓	✓	✓	-
CWB	✓	✓	✓	-
DB	-	✓	✓	-
DNV	✓	✓	✓	-
LR	✓	✓	✓	-
RINA	✓	✓	✓	-
TÜV	-	✓	✓	-

**MIG welding wire packing / Imballo MIG / MIG emballage / MIG Verpackung**

Novametal	Basket spool BS 300 (acc. to EN ISO 544)			Spool S 300 (acc. to EN ISO 544)			Spool S 200 (acc. to EN ISO 544)			Spool S 100 (acc. to EN ISO 544)		
Dimensions (mm)	51.5 (inner Ø)	300.0 (outer Ø)	100.0 (width)	51.5 (inner Ø)	300.0 (outer Ø)	103.0 (width)	50.5 (inner Ø)	200.0 (outer Ø)	55.0 (width)	16.5 (inner Ø)	100.0 (outer Ø)	45.00 (width)
Dimensions (inches)	2.028 (inner Ø)	11.811 (outer Ø)	3.937 (width)	2.028 (inner Ø)	11.811 (outer Ø)	4.055 (width)	2.000 (inner Ø)	7.874 (outer Ø)	2.165 (width)	0.650 (inner Ø)	3.937 (outer Ø)	1.772 (width)
Weight	7 kg / 15 lb			7 kg / 15 lb			2 kg / 5 lb			0.5 kg / 1 lb		
Diameter Range	0.80 - 1.60 mm 0.030 - 1/16 in			0.80 - 1.60 mm 0.030 - 1/16 in			0.60 - 1.20 mm 0.023 - 0.047 in			0.60 - 1.20 mm 0.023 - 0.047 in		

Drum welding wire packing / Fusto / Fût emballage / Fass Verpackung

Novametal	Nova Drum			Nova Mini Drum								
Dimensions (mm)	515.0 (Ø)			830.0 (height)			515.0 (Ø)			550.0 (height)		
Dimensions (inches)	32.677 (Ø)			20.276 (height)			21.654 (Ø)			20.276 (height)		
Weight	65 to 70 kg - 143 to 154 lb						37 to 40 kg - 81 to 88 lb					
Diameter Range	0.80 - 1.60 mm / 0.030 - 1/16 in						0.80 - 1.60 mm / 0.030 - 1/16 in					

TIG welding wire packing / Imballo TIG / TIG emballage / TIG Verpackung

Novametal	Cardboard box A (1)			Cardboard box A (2)			Cardboard box A (3)			Cardboard box B			Plastic / Cardboard tube	
Dimensions (mm)	1035.0 (length)	84.0 (height)	87.0 (width)	1035.0 (length)	79.0 (height)	58.0 (width)	1035.0 (length)	43.0 (height)	62.0 (width)	950.0 (length)	75.0 (height)	58.0 (width)	45 (Ø)	1025 (length)
Dimensions (inches)	40.748 (length)	3.307 (height)	3.425 (width)	40.748 (length)	3.110 (height)	2.283 (width)	40.748 (length)	1.692 (height)	2.440 (width)	37.401 (length)	2.952 (height)	2.283 (width)	40.354 (Ø)	1772 (length)
Weight	10 kg / 22 lb			5 kg / 10 lb			2.5 kg / 5 lb			5 kg / 10 lb			2 kg / 4.5 lb	
Diameter Range	0.80 - 5.00 mm 0.030 - 0.197 in			0.80 - 5.00 mm 0.030 - 0.197 in			0.80 - 5.00 mm 0.030 - 0.197 in			0.80 - 5.00 mm 0.030 - 0.197 in			0.80 - 5.00 mm 0.030 - 0.197 in	

Core wire for electrodes' packing / Imballo anime per elettrodi / Emballage pour ames d'electrodes / Verpackung für Kerndraht für Elektrode

Novametal	Wooden box			Wooden box with pitch belt (1)			Wooden box with pitch belt (2)			Wooden box with pitch belt (3)		
Dimensions (mm)	845.0 (length)	480.0 (height)	555.0 (width)	840.0 (length)	642.0 (height)	550.0 (width)	840.0 (length)	642.0 (height)	450.0 (width)	840.0 (length)	642.0 (height)	400.0 (width)
Dimensions (inches)	33.267 (length)	18.897 (height)	21.8504 (width)	33.070 (length)	25.275 (height)	21.653 (width)	33.070 (length)	25.275 (height)	21.653 (width)	33.070 (length)	21.653 (height)	15.748 (width)
Weight	250 kg / 550 lb			250 kg / 550 lb			250 kg / 550 lb			250 kg / 550 lb		
Diameter Range	1.60 - 5.00 mm / 1/16 in - 0.197 in			1.60 - 5.00 mm / 1/16 in - 0.197 in			1.60 - 5.00 mm / 1/16 in - 0.197 in			1.60 - 5.00 mm / 1/16 in - 0.197 in		

Other sizes, tolerances, qualities and packaging are available upon request. / Altri diametri, tolleranze, leghe ed imballi sono disponibili a richiesta.
Autres diamètres, tolérances, alliages et conditionnements selon vos demandes. / Andere Abmessungen, Toleranzen, Qualitäten und Verpackungen auf Anfrage.



WELDING WIRE NICKEL, COPPER & SPECIAL ALLOYS

Filo per saldatura in nickel, rame e leghe speciali
 Fil de soudure en nickel, cuivre et alliages spéciaux
 Lotzrim in Nickel, Kupfer und Sonderlegierungen

Product availability - Nickel / Disponibilità prodotto / Produit disponible / Verfügbare werkstoffe

Novametal	GRADE	AWS	GRADE	ISO	W. Nr.
NMN NICKR3	ERNiCr-3	A5.14	NiCr20Mn3Nb / S Ni 6082	18274	2.4806
NMN NICKRMO2	ERNiCrMo-2	A5.14	-	-	2.4665
NMN NICKRMO3	ERNiCrMo-3	A5.14	NiCr22Mo9Nb / S Ni 6625	18274	2.4831
NMN NICKRMO4	ERNiCrMo-4	A5.14	NiCr15Mo16Fe6W4 / S Ni 6276	18274	2.4886
NMN NCRMO10	ERNiCrMo-10	A5.14	NiCr21Mo13Fe4W3 / S Ni 6022	18274	2.4635
NMN 59	ERNiCrMo-13	A5.14	ERNiCr23Mo16 / S Ni 6059	18274	2.4607
NMN NICKRMI4	ERNiCrMo-14	A5.14	NiCr21Mo16W4 / S Ni 6686	-	2.4606*
NMN NCRCOM1	ERNiCrCoMo-1	A5.14	NiCr22Co12Mo9 / S Ni 6617	18274	2.4627
NMN NICKRF7A	ERNiCrFe-7A	A5.14	NiCr29Fe9 / S Ni 6054	-	2.4642
NMN NIFECR1	ERNiFeCr-1	A5.14	NiFe30Cr21Mo3 / S Ni 8065	18274	2.4858
NMN NICKU7	ERNiCu-7	A5.14	NiCu30Mn3Ti / S Ni 4060	18274	2.4377
NMN NI1	ERNi-1	A5.14	NiT3 / S Ni 2061	18274	2.4155
NMN FN55	ENiFe-C1	A5.15	NiFe-1	DIN 8573	2.4472*
NMN FN60	ENiFe-C1	A5.15	SC NiFe-1	1071	2.4560*
NMN N99	ENi-C1	A5.15	Ni99.2, Ni99.6	DIN 17740	2.4060

* = nearest equivalent

Product availability - Special Alloy / Disponibilità prodotto / Produit disponible / Verfügbare werkstoffe

Novametal	GRADE	AWS	GRADE	ISO	W. Nr.
NMN 1.4462	ER2209	A5.9	22 9 3 N L	14343-A	1.4462
NMN 25.9.4	ER2594	A5.9	25 9 4 N L	14343-A	-
NMN 25.9.4S	UNS S32760 (ASTM)	-	-	-	1.4501
NMN 21.33	-	A5.9	Z 21 33 Mn Nb	14343-A	1.4850*
NMN 25.35	-	A5.9	Z 25 35 Zr	14343-A	1.4853*
NMN 35.45	-	A5.9	Z 35 45 Nb	14343-A	1.4889*

* = nearest equivalent

Product availability - Copper Alloy / Disponibilità prodotto / Produit disponible / Verfügbare werkstoffe

Novametal	GRADE	AWS	GRADE	EN	W. Nr.
NMR CUNI	ERCuNi	A5.7	CuNi30Mn1FeTi S / Cu 7158	ISO 24373	2.0837
NMR CUSI3	ERCuSi-A	A5.7	CuSi3Mn S / Cu 6560	ISO 24373	2.1461

**MIG welding wire packing / Imballo MIG / MIG emballage / MIG Verpackung**

Novametal	Basket spool BS 300 (acc. to EN ISO 544)			Spool S 300 (acc. to EN ISO 544)			Spool S 200 (acc. to EN ISO 544)			Spool S 100 (acc. to EN ISO 544)		
Dimensions (mm)	51.5 (inner Ø)	300.0 (outer Ø)	100.0 (width)	51.5 (inner Ø)	300.0 (outer Ø)	103.0 (width)	50.5 (inner Ø)	200.0 (outer Ø)	55.0 (width)	16.5 (inner Ø)	100.0 (outer Ø)	45.00 (width)
Dimensions (inches)	2.028 (outer Ø)	11.811 (outer Ø)	3.937 (width)	2.028 (inner Ø)	11.811 (outer Ø)	4.055 (width)	2.000 (inner Ø)	7.874 (outer Ø)	2.165 (width)	0.650 (inner Ø)	3.937 (outer Ø)	1.772 (width)
Weight	15 kg / 30 lb		18 kg 40 lb	22 kg 49 lb	15 kg / 30 lb			5 kg / 10 lb			1 kg / 2 lb	
Diameter Range	0.80 - 1.60 mm 0.030 - 1/16 in		1.00 - 1.60 mm 0.040 - 1/16 in		0.60 - 1.60 mm 0.023 - 1/16 in			0.60 - 1.20 mm 0.023 - 0.047 in			0.60 - 1.20 mm 0.023 - 0.047 in	

Drum welding wire packing / Fusto / Fût emballage / Fass Verpackung

Novametal	Nova Drum		Nova Mini Drum		
Dimensions (mm)	515.0 (Ø)		830.0 (height)		
Dimensions (inches)	32.677 (Ø)		20.276 (height)		
Weight	240 to 250 kg - 530 to 550 lb			120 to 125 kg - 275 lb	
Diameter Range	0.80 - 1.60 mm / 0.030 - 1/16 in			0.80 - 1.60 mm / 0.030 - 1/16 in	

TIG welding wire packing / Imballo TIG / TIG emballage / TIG Verpackung

Novametal	Cardboard box A (1)			Cardboard box A (2)			Cardboard box B			Plastic / Cardboard tube	
Dimensions (mm)	1035.0 (length)	47.0 (height)	65.0 (width)	1035.0 (length)	43.0 (height)	58.0 (width)	23876.0 (length)	1016.0 (height)	13970.0 (width)	45 (Ø)	1025 (length)
Dimensions (inches)	40.748 (length)	1.850 (height)	2.56 (width)	40.748 (length)	1.7 (height)	2.283 (width)	940.0 (length)	40.0 (height)	55.0 (width)	40.354 (Ø)	1.772 (height)
Weight	10 kg / 22 lb			5 kg / 10 lb			5 kg / 10 lb			5 kg / 10 lb	
Diameter Range	0.80 - 5.00 mm / 0.030 - 0.197 in			0.80 - 5.00 mm / 0.030 - 0.197 in			0.80 - 5.00 mm / 0.030 - 0.197 in			0.80 - 5.00 mm / 0.030 - 0.197 in	

Submerged Arc Wire Packing / Imballo arco sommerso / Emballage sous flux / Up Verpackung

Novametal	Basket Rim B 450 (acc. to EN ISO 544)						
Dimensions (mm)	308.0 (inner Ø)			415.0 (outer Ø)			103.0 (width)
Dimensions (inches)	12.126 (inner Ø)			16.339 (outer Ø)			4.055 (width)
Weight (Kg)	25 kg / 60 lb						
Diameter Range	1.60 - 4.00 mm / 1/16 - 5/32 in						

Mega reels packing

Novametal	Mega Reel			
Dimensions (mm)	520.0 (upper flange)	636.0 (height)	620.0 (bottom flange)	300.0 (drum diameter)
Dimensions (inches)	20.472 (upper flange)	25.039 (height)	24.409 (bottom flange)	11.811 (drum diameter)
Weight (Kg)	300 - 400 kg / 661 - 882 lb			
Diameter Range	1.00 - 1.20 mm / 0.040 - 0.047 in			

Core wire for electrodes' packing / Imballo anime per elettrodi / Emballage pour ames d'electrodes / Verpackung für Kerndraht für Elektrode

Novametal	Wooden box			Wooden box with pitch belt (1)			Wooden box with pitch belt (2)			Wooden box with pitch belt (3)		
Dimensions (mm)	845.0 (length)	480.0 (height)	555.0 (width)	840.0 (length)	642.0 (height)	550.0 (width)	840.0 (length)	642.0 (height)	450.0 (width)	840.0 (length)	642.0 (height)	400.0 (width)
Dimensions (inches)	33.267 (length)	18.897 (height)	21.8504 (width)	33.070 (length)	25.275 (height)	21.653 (width)	33.070 (length)	25.275 (height)	21.653 (width)	33.070 (length)	21.653 (height)	15.748 (width)
Weight	500 - 700 kg / 1102 - 1543 lb			500 - 700 kg / 1102 - 1543 lb			500 - 700 kg / 1102 - 1543 lb			500 - 700 kg / 1102 - 1543 lb		
Diameter Range	1.60 - 5.00 mm / 1/16 in - 0.197 in			1.60 - 5.00 mm / 1/16 in - 0.197 in			1.60 - 5.00 mm / 1/16 in - 0.197 in			1.60 - 5.00 mm / 1/16 in - 0.197 in		

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 Filo per saldatura in acciaio inossidabile
 Fil de soudure en acier inoxydable
 Edelstahl draht

WELDING WIRE STAINLESS STEEL

 Product availability / Disponibilità prodotto
 Produit disponible / Verfügbare werkstoffe

Novametal	AWS A5.9	EN ISO 14343-A	W. Nr.
NMS 307	ER307*	18 8 Mn	1.4370
NMS 307SI	ER307*	18 8 Mn	1.4370
NMS 308AWS	ER308L, ER308	19 9 L	1.4316
NMS 308H	ER308H, ER308	19 9 H	1.4302
NMS 308LSI	ER308LSi, ER308Si	19 9 L Si	1.4316
NMS 308L-LF (low ferrite)	ER308L, ER308	19 9 L	1.4316
NMS 309H	ER309	22 12 H	1.4829*
NMS 309L	ER309L, ER309	22 12 L	1.4332
NMS 309LSI	ER309LSi, ER309Si	23 12 L Si	1.4332
NMS 1.4459	ER309LMo*, ER309Mo*	23 12 2 L	1.4459*
NMS 310	ER310	25 20	1.4842
NMS 312	ER312	25 9	1.4337
NMS 316AWS	ER316L, ER316	19 12 3 L	1.4430
NMS 316H	ER316H, ER316	19 12 3 H	1.4403*
NMS 316LSI	ER316LSi, ER316Si	19 12 3 L Si	1.4430
NMS 316L-LF (low ferrite)	ER316L, ER316	19 12 3 L	1.4430
NMS 1.4455	ER316LMn	20 16 3 Mn N L	1.4455*
* = nearest equivalent			

Novametal	AWS A5.9	EN ISO 14343-A	W. Nr.
NMS 317L	ER317L, ER317	18 15 3 L	1.4438
NMS 318	ER318	19 12 3 Nb	1.4576
NMS 318SI	ER318*	19 12 3 Nb Si	1.4576
NMS 320LR	ER320LR, ER320	-	2.4660
NMS 347	ER347	19 9 Nb	1.4551
NMS 347-HF (high ferrite)	ER347	19 9 Nb	1.4551
NMS 347SI	ER347Si	19 9 Nb Si	1.4551
NMS 409	ER409Nb	409Nb* (EN ISO 14343-B)	1.4009*
NMS 410	ER410	13	1.4009*
NMS 1.4313	ER410NiMo	13 4	1.4313
NMS 420C	ER420	420 (EN ISO 14343-B)	1.4031
NMS 430	ER430	17	1.4015
NMS 430LNB	-	18 L Nb*	1.4511*
NMS 1.4502	ER439	439 (EN ISO 14343-B)	1.4502
NMS 904L	ER385	20 25 5 Cu L	1.4519*
NMS 1.4122	-	X39CrMo171 (EN 10088-1)	1.4122
NMS 1.4718	-	X 45 CrSi9-3 (EN 10090)	1.4718
* = nearest equivalent			

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Dimensions (inches)	2.028 (outer Ø)	11.811 (outer Ø)	3.937 (width)	2.028 (outer Ø)	11.811 (outer Ø)	4.055 (width)	2.000 (inner Ø)	7.874 (outer Ø)	2.165 (width)	0.650 (inner Ø)	3.937 (outer Ø)	1.772 (width)	
Weight	15 kg / 30 lb		18 kg 40 lb	22 kg 49 lb		15 kg / 30 lb			5 kg / 10 lb			1 kg / 2 lb	
Diameter Range	0.80 - 1.60 mm 0.030 - 1/16 in		1.00 - 1.60 mm 0.040 - 1/16 in			0.60 - 1.60 mm 0.023 - 1/16 in			0.60 - 1.20 mm 0.023 - 0.047 in			0.60 - 1.20 mm 0.023 - 0.047 in	

Drum welding wire packing / Fusto / Fût emballage / Fass Verpackung

Novametal	Nova Drum		Nova Mini Drum	
Dimensions (mm)	515.0 (Ø)		830.0 (height)	
Dimensions (inches)	32.677 (Ø)		20.276 (height)	
Weight	240 to 250 kg - 530 to 550 lb		120 to 125 kg - 275 lb	
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TIG welding wire packing / Imballo TIG / TIG emballage / TIG Verpackung

Novametal	Cardboard box A (1)			Cardboard box A (2)			Cardboard box B			Plastic / Cardboard tube	
Dimensions (mm)	1035.0 (length)	47.0 (height)	65.0 (width)	1035.0 (length)	43.0 (height)	58.0 (width)	23876.0 (length)	1016.0 (height)	1397.0 (width)	45 (Ø)	1025 (length)
Dimensions (inches)	40.748 (length)	1.850 (height)	2.56 (width)	40.748 (length)	1.7 (height)	2.283 (width)	940.0 (length)	40.0 (height)	55.0 (width)	40.354 (Ø)	1.772 (height)
Weight	10 kg / 22 lb			5 kg / 10 lb			5 kg / 10 lb			5 kg / 10 lb	
Diameter Range	0.80 - 5.00 mm / 0.030 - 0.197 in			0.80 - 5.00 mm / 0.030 - 0.197 in			0.80 - 5.00 mm / 0.030 - 0.197 in			0.80 - 5.00 mm / 0.030 - 0.197 in	

Submerged Arc Wire Packing / Imballo arco sommerso / Emballage sous flux / Up Verpackung

Novametal	Basket Rim B 450 (acc. to EN ISO 544)			
Dimensions (mm)	308.0 (inner Ø)		415.0 (outer Ø)	
Dimensions (inches)	12.126 (inner Ø)		16.339 (outer Ø)	
Weight (Kg)	25 kg / 60 lb			
Diameter Range	1.60 - 4.00 mm / 1/16 - 5/32 in			

Mega reels packing

Novametal	Mega Reel			
Dimensions (mm)	520.0 (upper flange)	636.0 (height)	620.0 (bottom flange)	300.0 (drum diameter)
Dimensions (inches)	20,472 (upper flange)	25,039 (height)	24,409 (bottom flange)	11,811 (drum diameter)
Weight (Kg)	300 - 400 kg / 661 - 882 lb			
Diameter Range	1.00 - 1.20 mm / 0.040 - 0.047 in			

Core wire for electrodes' packing / Imballo anime per elettrodi / Emballage pour ames d'electrodes / Verpackung für Kerndraht für Elektrode

Novametal	Wooden box			Wooden box with pitch belt (1)			Wooden box with pitch belt (2)			Wooden box with pitch belt (3)		
Dimensions (mm)	845.0 (length)	480.0 (height)	555.0 (width)	840.0 (length)	642.0 (height)	550.0 (width)	840.0 (length)	642.0 (height)	450.0 (width)	840.0 (length)	642.0 (height)	400.0 (width)
Dimensions (inches)	33,267 (length)	18,897 (height)	21,8504 (width)	33,070 (length)	25,275 (height)	21,653 (width)	33,070 (length)	25,275 (height)	21,653 (width)	33,070 (length)	21,653 (height)	15,748 (width)
Weight	500 - 700 kg / 1102 - 1543 lb			500 - 700 kg / 1102 - 1543 lb			500 - 700 kg / 1102 - 1543 lb			500 - 700 kg / 1102 - 1543 lb		
Diameter Range	1.60 - 5.00 mm / 1/16 in - 0.197 in			1.60 - 5.00 mm / 1/16 in - 0.197 in			1.60 - 5.00 mm / 1/16 in - 0.197 in			1.60 - 5.00 mm / 1/16 in - 0.197 in		

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