

YOUR WAY TO SAY WIRE



WELDING

The largest stainless steel, aluminium, nickel, copper & titanium
production range available in the market

A history of success since 1982



Novametal Group was founded in 1982 in Mendrisio, Switzerland to provide high-quality stainless steel, aluminium, nickel, copper and titanium welding consumables.

From the beginning the company was committed to excellence, innovation and customer service and continually investing in R&D to create new materials and processes. This has enabled the group to continue to deliver superior products around the world whilst expanding its operations in Europe, Asia and the Americas.

Today the group serves a wide range of industries including nuclear, automotive, aerospace, medical, energy and much more, developing customized solutions to meet the unique needs of each sector and its customers.



Vision & Mission

Novametal SA vision is to provide our Clients high-quality wire solutions that meet and exceed their specific needs and requirements.

Novametal SA mission is to become a globally recognized player in the drawing of stainless steel, aluminium, nickel, copper and titanium wire by pursuing the right balance between competitiveness, environmental sustainability and social responsibility.

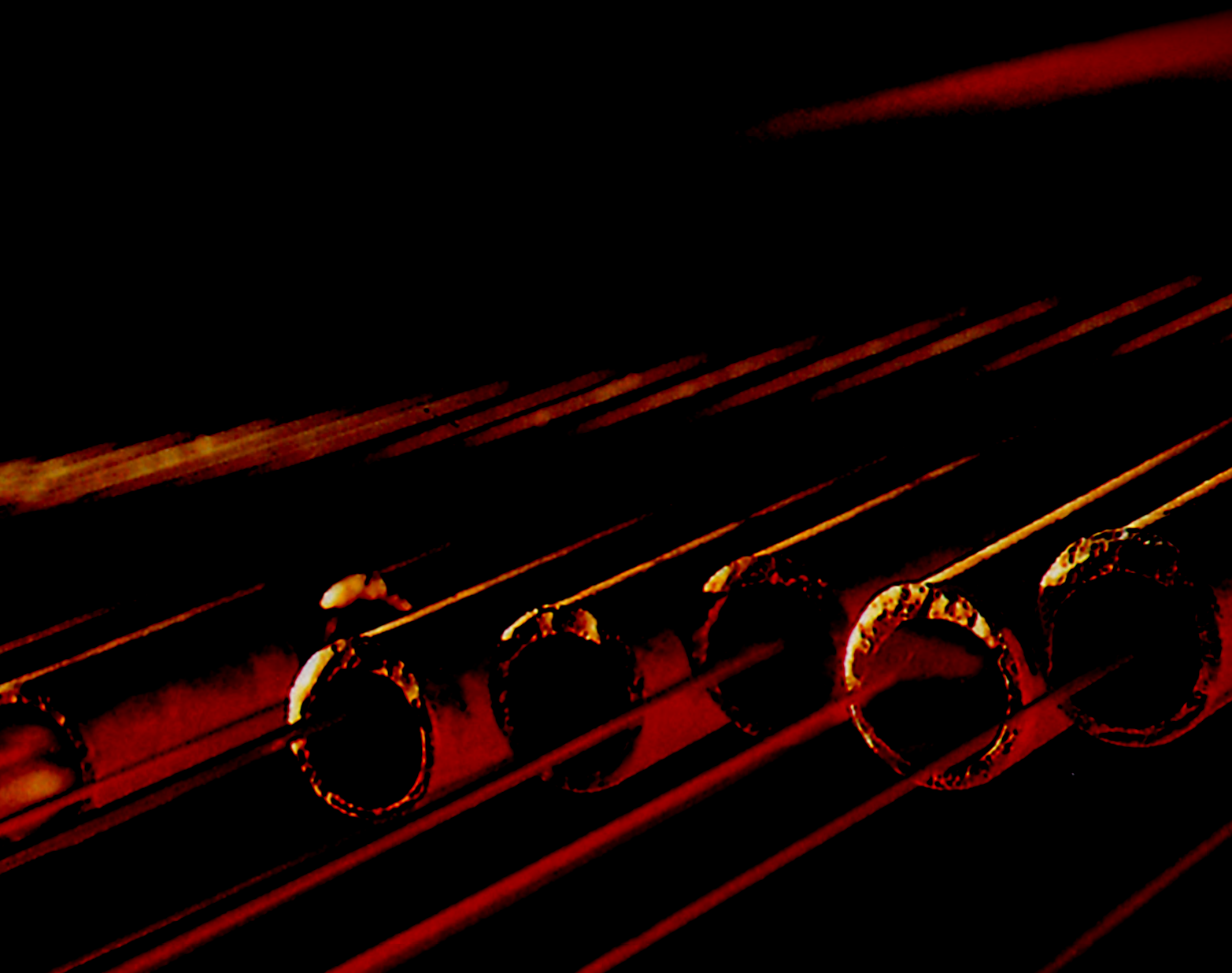


Sustainability

Novametal is deeply focused on Sustainability, which for us means adopting a model of sustainable business, through integrating strategies able to mix at the same level the concepts of profitability and financial solidity with the themes of occupational health & safety, environmental care, corporate social responsibility and the governance of the organization (ESG).

Our ESG pillars are:

- The health and safety of all its employees, based on the principles stated by the occupational health & safety policy and embedded into our way of working through a H&S management system compliant to the ISO 45001:2018 standard.
- The environmental care, based on the milestones of the EN ISO 14001:2015 standard such as, and in particular, the evaluation of the environmental aspects and the minimization of the relevant impacts, including investments and commitments aimed to the reduction of CO2 emissions and the rational usage of natural resources.
- The corporate social responsibility, based on the commitments stated into the Ethic Code and, more in general, implemented according to the ISO 26000 guideline and the SA 8000 requirements.
- The culture of continuous improvement and learning (lean manufacturing).



STAINLESS STEEL

WELDING SOLID WIRE (GMAW / GTAW / SAW / SMAW)

NOVAMETAL GRADE	CLASSIFICATION		MATERIAL Nr.
NMS 307 NMS 307 Si	AWS A5.9 / ~ER307	EN ISO 14343-A / 18 8 Mn	1.4370
NMS 308AWS	AWS A5.9 / ER308L, ER308	EN ISO 14343-A / 19 9 L	1.4316
NMS 308H	AWS A5.9 / ER308H, ER308	EN ISO 14343-A / 19 9 H	1.4302
NMS 308L (core wire for electrodes)	ASME SFA 5.4 / E308L-XX (UNS W30813)	-	-
NMS 308LSI	AWS A5.9 / ER308LSi, ER308Si	EN ISO 14343-A / 19 9 L Si	1.4316
NMS 308L-LF (low ferrite)	AWS A5.9 / ER308L, ER308	EN ISO 14343-A / 19 9 L	1.4316
NMS 309H	AWS A5.9 / ER309	EN ISO 14343-A / 22 12 H	~1.4829
NMS 1.4829	AWS A5.9 / ~ER309Si	EN ISO 14343-A / 22 12 H	1.4829
NMS 309L	AWS A5.9 / ER309L, ER309	EN ISO 14343-A / 23 12 L	1.4332
NMS 309LSi	AWS A5.9 / ER309LSi, ER309Si	EN ISO 14343-A / 23 12 L Si	1.4332
NMS 1.4459	AWS A5.9 / ~ER309LMo, ~ER309Mo	EN ISO 14343-A / 23 12 2 L	~1.4459
NMS 309LMO	AWS A5.9 / ER309LMO, ER309Mo	EN ISO 14343-A / 23 12 2 L	1.4459
NMS 309LNB	AWS A5.9 / ER309LNB	ISO 14343-A / 23 12 Nb	~1.4556
NMS 310	AWS A5.9 / ER310	EN ISO 14343-A / 25 20	1.4842
NMS 312	AWS A5.9 / ER312	EN ISO 14343-A / 29 9	1.4337
NMS 316AWS	AWS A5.9 / ER316L, ER316	EN ISO 14343-A / 19 12 3 L	1.4430
NMS 316H	AWS A5.9 / ER316H, ER316	EN ISO 14343-A / 19 12 3 H	~1.4403
NMS 316 L (core wire for electrodes)	ASME SFA 5.4 / E316L-XX (UNS W31613)	-	-
NMS 316LSI	AWS A5.9 / ER316LSi, ER316Si	EN ISO 14343-A / 19 12 3 L Si	1.4430
NMS 316L-LF (low ferrite)	AWS A5.9 / ER316L, ER316	EN ISO 14343-A / 19 12 3 L	1.4430
NMS 1.4455	AWS A5.9 / ER316LMn	EN ISO 14343-A / 20 16 3 Mn N L	~1.4455
NMS 317L	AWS A5.9 / ER317L, ER317	EN ISO 14343-A / 18 15 3 L	1.4438
NMS 318	AWS A5.9 / ER318	EN ISO 14343-A / 19 12 3 Nb	1.4576
NMS 318Si	AWS A5.9 / ~ER318	EN ISO 14343-A / 19 12 3 Nb Si	1.4576
NMS 320LR	AWS A5.9 / ER320LR, ER320	-	2.4660
NMS 347	AWS A5.9 / ER347	EN ISO 14343-A / 19 9 Nb	1.4551
NMS 347-HF (high ferrite)	AWS A5.9 / ER347	EN ISO 14343-A / 19 9 Nb	1.4551
NMS 347Si	AWS A5.9 / ER347Si	EN ISO 14343-A / 19 9 Nb Si	1.4551
NMS 383	AWS A5.9 / ER 383	EN ISO 14343-A / 27 31 4 Cu L	-
NMS 904L	AWS A5.9 / ER385	EN ISO 14343-A / 20 25 5 Cu L	~1.4519
NMS 409	AWS A5.9 / ER409Nb	EN ISO 14343-B / 409NB	~1.4009
NMS 410	AWS A5.9 / ER410	EN ISO 14343-A / 13	~1.4009
NMS 1.4313	AWS A5.9 / ER410NiMo	EN ISO 14343-A / 13 4	1.4313
NMS 420C	AWS A5.9 / ER420	EN ISO 14343-B / 420	1.4031
NMS 430	AWS A5.9 / ER430	EN ISO 14343-A / 17	1.4015
NMS 430LNB	-	EN ISO 14343-A / ~18 L Nb	~1.4511
NMS 1.4502	AWS A5.9 / ER439	EN ISO 14343-B / 439	1.4502
NMS 630/S	AWS A5.9 / ER630	EN ISO 14343-B / 630	1.4542
NMS 1.4122	EN 10088-1 / X39CrMo17-1	EN ISO 14919 / X39CrMo17-1	1.4122
NMS 1.4718	EN 14700 - S Fe 8	EN 10090 - X45CrSi8	1.4718
NMS 16.8.2	AWS A5.9 / ER16-8-2	ISO 14343-A / ~16 8 2	-
NMS 21.33	-	ISO 14343-A / Z 21 33Mn Nb	~1.4850
NMS 2209	AWS A5.9 / ER2209	ISO 14343-A / 22 9 3 N L	~1.4462
NMS 25.9.4	AWS A5.9 / ER2594	ISO 14343-A / 25 9 4 N L	~1.4501
NMS 25.9.4S	UNS S32760 (ASTM)	-	~1.4501
NMS 253	EN ISO 14343-A / ~21 10 N	EN 10088-1 / X9CrNiSiNc21-11-2	1.4835
NMS 254	ASTM / UNS S31254	EN 10088-1 / X1CrNiMoCuN20-18-7	1.4547

ALUMINIUM

WELDING SOLID WIRE (GMAW / GTAW / SMAW)

NOVAMETAL GRADE	CLASSIFICATION				MATERIAL Nr.
NMA 1070	AWS A5.10 / ER1070	ISO 18273 / Al 1070 ISO 18273 / Al99,7	DIN 1732 / ~Al99,8	JIS Z 3232 / Al 1070	3.0259
NMA 1080	AWS A5.10 / ER1080A	ISO 18273 / Al 1080A ISO 18273 / Al99.8(A)	DIN 1732 / Al 99.8	JIS Z 3232 / Al 1080A	3.0286
NMA 4043	AWS A5.10 / ER4043 AWS A5.10 / ER4043A	ISO 18273 / Al 4043 ISO 18273 / Al 4043A ISO 18273 / AlSi 5 ISO 18273 / AlSi 5(A)	DIN 1732 / Al Si 5	JIS Z 3232 / Al 4043 JIS Z 3232 / Al 4043A	3.2245
NMA 4047	AWS A5.10 / ER4047 AWS A5.10 / ER4047A	ISO 18273 / Al 4047 ISO 18273 / Al 4047A ISO 18273 / AlSi 12 ISO 18273 / AlSi12(A)	DIN 1732 / Al Si 12	JIS Z 3232 / Al 4047 JIS Z 3232 / Al 4047A	3.2585
NMA 5087	AWS A5.10 / ER5087	ISO 18273 / Al 5087 ISO 18273 / AlMg4.5MnZr(A)	DIN 1732 / Al Mg 4.5 MnZr	JIS Z 3232 / Al 5087	3.3546
NMA 5183	AWS A5.10 / ER5183 AWS A5.10 / ER5183A	ISO 18273 / Al 5183 ISO 18273 / AlMg4.5Mn0.7 ISO 18273 / Al 5183A ISO 18273 / AlMg4.5Mn0.7(A)	DIN 1732 / Al Mg 4.5 Mn	JIS Z 3232 / Al 5183 JIS Z 3232 / Al 5183A	~3.3548
NMA 5356	AWS A5.10 / ER5356 AWS A5.10 / ER5356A	ISO 18273 / Al 5356 ISO 18273 / AlMg5Cr(A) ISO 18273 / Al 5356A (AlMg5Cr)	DIN 1732 / Al Mg 5	JIS Z 3232 / Al 5356 / JIS Z 3232 / Al 5356A	3.3556
NMA 5554	AWS A5.10 / ER5554	ISO 18273 / Al 5554 ISO 18273 / AlMg2.7Mn	DIN 1732 / Al Mg 2.7 Mn	JIS Z 3232 / Al 5554	3.3538
NMA 5556	AWS A5.10 / ER5556 AWS A5.10 / ER5556A AWS A5.10 / ER5556B AWS A5.10 / ER5556C	ISO 18273 / Al 5556 ISO 18273 / AlMg5Mn1Ti(A) ISO 18273 / Al 5556A ISO 18273 / AlMg5Mn1 (A) ISO 18273 / Al 5556B (AlMg5Mn1) ISO 18273 / Al 5556C ISO 18273 / AlMg5Mn1Ti	-	JIS Z 3232 / Al 5556 JIS Z 3232 / Al 5556A JIS Z 3232 / Al 5556B JIS Z 3232 / Al 5556C	~3.3548
NMA 5754	AWS A5.10 / ER5754	ISO 18273 / Al 5754 ISO 18273 / AlMg3	DIN 1732 / Al Mg 3	JIS Z 3232 / Al 5754	3.3536



NICKEL, COPPER & TITANIUM

WELDING SOLID WIRE (GMAW / GTAW / SAW / SMAW)

NOVAMETAL GRADE NICKEL	CLASSIFICATION		MATERIAL Nr.
NMN NICR3	AWS A5.14 / ERNiCr-3	ISO 18274 / NiCr20Mn3Nb ISO 18274 / S Ni 6082	2.4806
NMN NICRMO2	AWS A5.14 / ERNiCrMo-2	-	2.4665
NMN NICRMO3	AWS A5.14 / ERNiCrMo-3	ISO 18274 / NiCr22Mo9Nb ISO 18274 / S Ni 6625	2.4831
NMN NICRMO4	AWS A5.14 / ERNiCrMo-4	ISO 18274 / NiCr15Mo16Fe6W4 ISO 18274 / S Ni 6276	2.4886
NMN NCRMO10	AWS A5.14 / ERNiCrMo-10	ISO 18274 / NiCr21Mo13Fe4W3 ISO 18274 / S Ni 6022	2.4635
NMN 59	AWS A5.14 / ERNiCrMo-13	ISO 18274 / NiCr23Mo16 ISO 18274 / S Ni 6059	2.4607
NMN NICRM14	AWS A5.14 / ERNiCrMo-14	ISO 18274 / NiCr21Mo16W4 ISO 18274 / S Ni 6686	~2.4606
NMN NRCOM1	AWS A5.14 / ERNiCrCoMo-1	ISO 18274 / NiCr22Co12Mo9 ISO 18274 / S Ni 6617	2.4627
NMN NICRF7A	AWS A5.14 / ERNiCrFe-7A	ISO 18274 / NiCr29Fe9 ISO 18274 / S Ni 6054	2.4642
NMN NIFECR1	AWS A5.14 / ERNiFeCr-1	ISO 18274 / NiFe30Cr21Mo3 ISO 18274 / S Ni 8065	2.4858
NMN 718	AWS A5.14 / ERNiFeCr-2	ISO 18274 / NiCr19Fe19Nb5Mo3 ISO 18274 / S Ni 7718	2.4667
NMN NICU7	AWS A5.14 / ERNiCu-7	ISO 18274 / NiCu30Mn3Ti ISO 18274 / S Ni 4060	2.4377
NMN NI 1	AWS A5.14 / ERNi-1	ISO 18274 / NiTi3 ISO 18274 / S Ni 2061	2.4155
NMN N99	AWS A5.14 / ENi-CI	ISO 18274 / Ni99.2 ISO 18274 / Ni99.6	2.4060
NMN FN55	AWS A5.14 / ENiFe-CI	ISO 18274 / SC NiFe-1	~2.4472
NMN 25.35	-	ISO 14343-A / Z 25 35 Zr	~1.4853
NMN 35.45	-	ISO 14343-A / Z 35 45 Nb	~1.4889
NOVAMETAL GRADE COPPER			
NMR CUNI	AWS A5.7 / ERCuNi	ISO 24373 / CuNi30Mn1FeTi ISO 24373 / Cu 7158	2.0837
NMR CUSI3	AWS A5.7 / ERCuSi-A	ISO 24373 / CuSi3Mn ISO 24373 / Cu 6560	2.1461
NOVAMETAL GRADE TITANIUM			
NMT TI2	ASME SFA-5.16 / ERTi-2	ISO 24034 / S Ti 0120 - Ti99,6	3.7035

APPROVALS & PACKINGS

PACKING OPTIONS	STAINLESS STEEL	ALUMINIUM	NICKEL, COPPER & TITANIUM
METAL BASKET SPOOL BS 300 (acc. to EN ISO 544)	15 kg - 30 lb 18 kg - 40 lb 22 kg - 49 lb 25 kg - 60 lb	7 kg - 15 lb	15 kg - 30 lb 18 kg - 40 lb 22 kg - 49 lb 25 kg - 60 lb
PLASTIC SPOOL S 300 (acc. to EN ISO 544)	12.5 kg - 27.55 lb 15.0 kg - 30 lb	7 kg - 15 lb	12.5 kg - 27.55 lb 15.0 kg - 30 lb
PLASTIC SPOOL S 200 (acc. to EN ISO 544)	5 kg - 10 lb	2 kg - 5 lb	5 kg - 10 lb
PLASTIC SPOOL S 100 (acc. to EN ISO 544)	1 kg - 2 lb	0,5 kg - 1 lb	1 kg - 2 lb
BASKET SPOOL B 450 (acc. to EN ISO 544)	25 kg - 60 lb	-	25 kg - 60 lb
METAL BASKET SPOOL K 400 (acc. to EN ISO 544)	-	40 kg - 88 lb	-
K 760 STEEL REEL (ACC. TO EN ISO 544)	150 to 300 kg 330 to 660 lb	-	150 to 300 kg 330 to 660 lb
NOVA MINI DRUM	120 to 130 kg 265 to 285 lb	37 to 40 kg 81 to 88 lb	120 to 130 kg 265 to 285 lb
NOVA DRUM	230 to 250 kg 510 to 550 lb	65 to 70 kg 143 to 154 lb	230 to 250 kg 510 to 550 lb
DRUM	Max 300 kg / Max 660 lb	-	Max 300 kg / Max 660 lb
MEGA DRUM	Max 400 kg / Max 880 lb	-	Max 400 kg / Max 880 lb
CARDBOARD box	10 kg - 22 lb 5 kg - 10 lb	10 kg - 22 lb 5 kg - 10 lb 2,5 kg - 5,5 lb	10 kg - 22 lb 5 kg - 10 lb
PLASTIC / CARDBOARD TUBE	5 kg - 10 lb	2 kg - 5 lb	5 kg - 10 lb
WOODEN BOX	500 to 700 kg 1102 to 1543 lb	250 kg 550 lb	500 to 700 kg 1102 to 1543 lb
BULK COIL Z2	up to 500	-	up to 500

Other packings are available upon request



SCAN THE QR CODE
TO CHECK ALL
PRODUCTS' APPROVALS

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