

# METALLIZING THERMAL SPRAY COATING WIRE

**Product availability - Stainless steel** / Disponibilità prodotto  
Produit disponible / Verfügbare werkstoffe

Novametal	AISI	EN 10088-1	W. Nr.
NM 304 G	304	X5CrNi18-10	1.4301
NM 308 LG	308	-	1.4316
NM 316 G	316	X5CrNiMo17-12-2	1.4401
NM 410 L	410	X12Cr13	1.4006
NM 420 A	420	X20Cr13	1.4021
NM 420 B	420	X30Cr13	1.4028
NM 420 C	420	X39Cr13	1.4034

**Product availability - Aluminium** / Disponibilità prodotto  
Produit disponible / Verfügbare werkstoffe

Novametal	EN 573-3	W. Nr.
NM 1050	1050A (Al99.5)	3.0259
NM 1070	1070 (Al99.7)	3.0286
NM 1080	1080A (Al99.8)	3.0286

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

Novametal	AWS A5.14	EN ISO 18274	W. Nr.
NMN NiCrMo3	ERNiCrMo-3	NiCr22Mo9Nb / Ni6625	2.4831
NMN NiCr3	ERNiCr-3	NiCr20Mn3Nb / Ni6082	2.4806
NMN Ni-1	ERNi-1	Ni 2061 / NiTi3	2.4155

**Thermal spray coating wire grades and chemical composition - Stainless steel** / Marche e composizione chimica  
Nuances et composition chimiques / Werkstoffe und chemische Zusammensetzung

Novametal	C	Si	Mn	P	S	Cr	Ni	Mo	Others
NM 304G	0.07 max	1.00 max	2.00 max	0.045 max	0.030 max	17.50 to 19.50	8.00 to 10.50	-	-
NM 308LG	0.02 max	1.00 max	1.90 max	0.025 max	0.015 max	19.00 to 20.80	10.00 to 10.80	-	-
NM 316G	0.07 max	1.00 max	2.00 max	0.045 max	0.030 max	16.50 to 18.50	10.00 to 13.00	2.00 to 2.50	-
NM 410L	0.08 to 0.15	1.00 max	1.50 max	0.040 max	0.030 max	11.50 to 13.50	0.75 max	-	-
NM 420A	0.16 to 0.25	1.00 max	1.00 max	0.040 max	0.030 max	12.00 to 14.00	-	-	-
NM 420B	0.26 to 0.35	0.50 max	0.60 max	0.030 max	0.030 max	12.00 to 14.00	0.60 max	0.75 max	Cu 0.75max
NM 420C	0.36 to 0.42	1.00 max	1.00 max	0.040 max	0.030 max	12.50 to 14.00	-	-	-

**Thermal spray coating wire grades and chemical composition - Aluminium** / Marche e composizione chimica  
Nuances et composition chimiques / Werkstoffe und chemische Zusammensetzung

Novametal	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Others
NM 1050	0.25 max	0.40 max	0.05 max	0.05 max	0.05 max	-	0.07 max	0.05 max	99.50 min	-
NM 1070	0.15 max	0.15 max	0.02 max	0.03 max	0.03 max	-	0.04 max	0.03 max	99.80 min	V 0.05 max Be 0.0003 max
NM 1080	0.15 max	0.15 max	0.03 max	0.02 max	0.02 max	-	0.06 max	0.02 max	99.80 min	Ga 0.03 max

**Thermal spray coating wire grades and chemical composition - Nickel** / Marche e composizione chimica  
Nuances et composition chimiques / Werkstoffe und chemische Zusammensetzung

Novametal	C	Mn	Si	S	P	Ni	Cr	Mo	Cu	Co	Fe	Ti	Al	Nb	Others
NMN NiCrMo3	0.10 max	0.50 max	0.50 max	0.015 max	0.020 max	60.00 to 67.00	20.00 to 23.00	8.00 to 10.00	0.50 max	-	5.00 max	0.40 max	0.40 max	3.15 to 4.15	-
NMN NiCr3	0.10 max	2.50 to 3.50	0.50 max	0.015 max	0.030 max	67.00 min	18.00 to 22.00	-	0.50 max	-	3.00 max	0.70 max	-	2.00 to 3.00	-
NMN Ni-1	0.0200 max	0.20 to 0.50	0.20 to 0.50	0.10 max	0.10 max	95.0 to 98.0	-	0.50 max	0.020 max	0.50 max	0.20 max	2.40 to 2.80	0.15 to 0.40	-	Pb 0.0100 max Sn 0.0020 max Zn 0.0020 max

**Packing - Stainless steel** / Imballo / Emballage / Verpackung

Novametal	Plastic Spool		Iron Basket		Coil Matassa / Couronne / Ringe	Drum Fusto / Füt / Fass
Diameter (mm)	0.80 to 2.40	1.00 to 2.40	0.80 to 2.40	1.60 to 4.00	1.80 to 5.00	0.80 to 1.60
Weight (kg)	15	20	15	25	40 to 150	125 to 250
Size	DIN 300	DIN 320	BS 300	BS 415	Id 300-500	-

**Packing - Nickel** / Imballo / Emballage / Verpackung

Novametal	Plastic Spool		Iron Basket		Coil Matassa / Couronne / Ringe	Drum Fusto / Füt / Fass
Diameter (mm)	0.80 to 2.40	1.00 to 2.40	0.80 to 2.40	1.60 to 4.00	1.80 to 5.00	0.80 to 1.60
Weight (kg)	15	20	15	25	40 to 150	125 to 250
Size	DIN 300	DIN 320	BS 300	BS 415	Id 300-500	-

**Packing - Aluminium** / Imballo / Emballage / Verpackung

Novametal	Plastic Spool		Iron Basket		Coil Matassa / Couronne / Ringe	Drum Fusto / Füt / Fass
Diameter (mm)	0.80 to 2.40	1.00 to 2.40	0.80 to 2.40	1.00 to 2.40	1.80 to 5.00	1.00 to 1.60
Weight (kg)	7	10	7	12	20 to 50	40 to 80
Size	DIN 300	DIN 320	BS 300	BS 415	Id 300-500	-