

Elgiloy Specialty Metals – Wire Products

Alloy Range

Alloy	Nominal Composition						
	UNS	Ni	Co	Cr	Mo	Fe	Other
ELGILOY®	R30003	15	40	20	7	Bal.	
MP35N® 5	R30035	35	35	20	10	1.0+	
INCONEL X-750 6	N07750	70*	1	15.5	-	7	Al 0.7, Ti 2.5
25-6MO	N08926	25		20	6.5	Bal.	Cu 1.0, N 0.2
A-286	S66286	25.5		15	1.25	Bal.	Ti 2.0, V 0.3
AL-6XN® 2	N08367	24.5		21	6.5	Bal.	N 0.18-0.25
ALLOY 20 (20Cb3)® 3	N08020	35		20	2.5	Bal.	Cu 3.5, Cb(Nb) 8xC-1.0
HASTELLOY® B-3® 4	N10675	65*	3.0+	1.5	28.5	1.5	W 3.0+
HASTELLOY® C-2000® 4	N06200	59	2.0+	23	16	3+	Cu 1.6
HASTELLOY® C-22® 4	N06022	56	2.5+	22	13	3	W 3.0
HASTELLOY® C-276® 4	N10276	57	2.5+	16	16	5	V 0.35
HASTELLOY® C-4 4	N06455	65	2.0+	16	15.5	3+	
HASTELLOY® X 4	N06002	47	1.5	22	9	18	W 0.6
HAYNES® 188 4	R30188	22	39	22	-	3.0+	W 14, La 0.03
HAYNES® 214® 4	N07214	75	-	16	-	3	AL 4.5
HAYNES® 230® 4	N06230	57	5.0+	22	2		W 14
HAYNES® 242®	N10242	65	2.5+	8	25	2.0+	
HAYNES® 263 4	N07263	52	20	20	6	0.7+	Al 0.6+, Ti 2.4+
HAYNES® 282® 4	N07208	57	10	20	8.5	1.5+	Al 1.5, Ti 2.1
L605 (HAYNES® 25) 4	R30605	10	51	20	-	3.0+	W 15
INCOLOY® 825 6	N08825	42	-	21.5	3	22*	Cu 2.2
INCOLOY® 925 6	N09925	44	-	21	3	22*	Cu 2.2, Ti 2.1, Al 0.3
INCONEL® 600 6	N06600	72*	-	15.5	-	8	
INCONEL® 601 6	N06601	58*	-	23	-	Bal.	Al 1.4
INCONEL® 625 6	N06625	58	1	21.5	9	5.0+	
INCONEL® 718 6	N07718	52	1	19	3	Bal.	Nb 5.1, Al 0.6, Ti 0.9
MONEL® 400 6	N04400	63*	-	-	-	2.5+	Cu 28-34, C 0.3+
MONEL® K500 6	N05500	63*	-	-	-	2.0+	Cu 27-33, Al 2.7, Ti 0.6
NI SPAN C® 902 6	N09902	42	-	5.25	-	Bal.	Ti 2.5, Al 0.5
NIMONIC® 90 6	N07090	53	18	19.5	-	1.5	Ti 2.5, Al 1.5
NITRONIC® 32 (XM-28) 1	S24100	1.5		18	-	Bal.	N 0.2-0.45
NITRONIC® 50 (XM-19) 1	S20910	12.5		22	2.25	Bal.	N 0.3, V 0.2
RENE 41	N07041	58	11	19	10	5.0+	Ti 3.1, Al 1.5
WASPALLOY	N07001	58	13.5	19	4.3	2.0+	Ti 3.0, Al 1.5
Stainless Steel 17-7 PH® 1	S17700	7		17	-	Bal.	Al 1.1
Stainless Steel 316	S31600	12	-	17	2.5	Bal.	C 0.08+
Stainless Steel 316L	S31603	12	-	17	2.5	Bal.	C 0.03+
Stainless Steel 321	S32100	10.5	-	18		Bal.	Ti 5xC*
Stainless Steel 347	S34700	11		18		Bal.	Cb 10xC*

- * indicates Minimum, + indicates Maximum.

If the alloy required is not listed above, please contact us.

ACCREDITATIONS

ISO 9001 Certified



AS9100



NADCAP Material Testing



CUSTOMER APPROVALS

General Electric:

- S-400 & S-1000

Pratt & Whitney:

- Laboratory Control at Source (LCS)

Nuclear Approval Safety Related

- 10CFR50 Appendix B
- 10CFR21

CONTACT:

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Elgiloy Specialty Metals – Wire Products

Capabilities



Soap Drawn Wire	0.018 – 0.875" dia
Oil Drawn Wire	0.001 – 0.050" dia
Straightening & Cutting	0.125 – 0.625" dia Annealed 0.120 – 0.562" dia Spring Temper
Shaving & Polishing	0.200 – 0.750" dia
Square & Rectangular Wire	
Centerless Grinding	0.050 – 1.00" dia
Forms	Coils, Spools, Reels, Cut Lengths
Coating	Soap, Grease, Special lubricants

Elgiloy's capabilities are constantly evolving so if your requirements are not shown above then please contact us and we will see if we can help.

Service

- Short lead times.
- Extensive raw material stock.
- In-house testing.
- Prototype development.
- Conversion of customer supplied material.
- Stocking programs.



TECHNICAL SUPPORT

- Metallurgical investigation.
- Application assistance.
- Material recommendations.

STOCK:

- Raw material
- Finished sizes

WIRE:

- Round
- Flat
- Square
- Rectangular
- Cut to Length

INDUSTRIES SERVED

- Oil & Gas
- Aerospace
- Petrochemical
- Power Generation
- Nuclear
- Medical
- Marine

CONTACT:

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