

ALLOY PIPES



AEETHER
Leading the Evolutions



MONEL ●
INCONEL ●
INCOLOY ●
HASTELLOY ●

Seamless Pipe & Tube
Welded Pipe & Tube
Capillary Tube
Coil Tube
Thick-walled Pipe



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Mission

At AEETHER, its mission is leading the evolutions of this world.

As a raw material producer, we believe that each time new materials are successfully developed, the world will undergo evolution. To date, common carbon steels and stainless steels are difficult to deal with tasks and requirements faced by many high-tech industries and in extreme production environments. With global industrial upgrading, nickel alloys are emerging to replace previous materials for enhanced efficiency and more lasting performance of completing tasks. We are professional manufacturer of nickel alloys and what we keep doing is to supply high quality nickel alloy products to the world. We have our responsibility and role to play in the popularity of the superior nickel alloys, and usher a new chapter into our world industry.

Vision

Our vision is to see the world development unconstrained by the materials.

This is an age of rapid development. As technology advances at the lightning speed, it poses increasingly high requirements on materials. While now material becomes a bottleneck on technology breakthrough, putting sand in the wheels of development, a hinderance that cannot be ignored. As raw material manufacturers, we should develop and progress on materials continuously so that we can introduce more advanced materials to the market. We firmly believe that material breakthrough will set off a chain effect on world technology.

Values

Our value is to provide excellent products, information and service.

Product is the core of everything. We hope that all of our customers will feel at absolute ease using our products, while the product quality is the best bridge that builds our mutual trust. Hence, we've developed a very strict quality control system. Each product is subject to rounds of inspections by our professional inspectors. We believe that, only when we have 100% confidence in our products can our customers experience ease and satisfaction using them.

As nickel alloys are not as popular in applications as other steels, people's knowledge on these advanced alloys are also relatively limited. We are nickel alloy specialist; we devote ourselves to disseminating the knowledge of these materials. We will deliver new articles on nickel alloys on Media regularly. Hope with our efforts more people will know these excellent materials.

If you have any demand on nickel alloys, please feel free to send us enquiries. Our team will solve your demand with a very professional attitude. Our goal is to start every cooperation with excellent service.

ABOUT US

As a professional manufacturer of nickel alloys in China, AEETHER CO., LIMITED provides a quite wide range of nickel alloy products to our worldwide customers. The forms of our supply come into five categories: Pipes, Fittings, Bars, Sheets and Wires. Monel, Inconel, Incoloy, Hastelloy are our four major grades. We also have other special alloys like Nimonic, Nitronic, pure-nickel and etc. to cater for your custom demands. With 30 years' accumulated experience in alloy industry, we have developed mature and diverse quality control solutions to free you from purchasing worries. At AEETHER, you buy trustworthy nickel alloys.

WHY

CHOOSE

US

Quality Raw Material

Choosing raw material is the first step to quality control. This applies to all of our products. Our nickel alloy tube billets, ingots, and coils are all subjected to strict selection before putting into production.



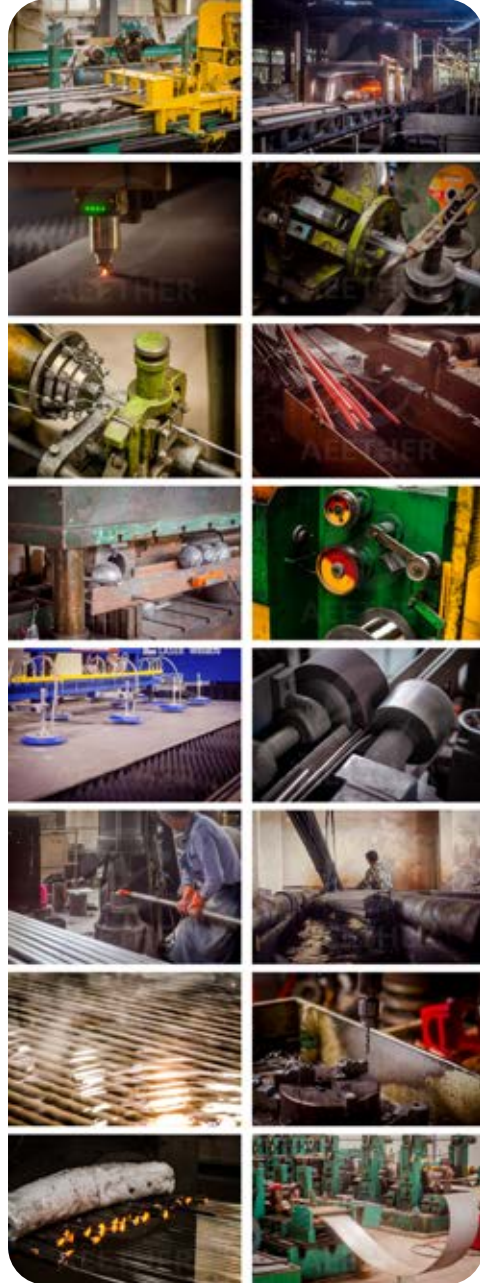
Huge Inventory

We have inventory for regular conventional products to solve regular and urgent demands. This enhances our supply chain efficiency. Meanwhile, it allows us to proceed with our production as plan and ensures production process.



Complete Process

We will not skip over any production process, even if it does not affect product look. We believe this is the basic requirement on product quality. If necessary, we will keep honing our products so that they can demonstrate workmanship.



Artful Appearance

Our products boast artful appearance. This cannot be done without our nearly fastidious attitudes on raw material selection, emphasis on finish treatment and skillful adapting of our equipment's functionality by our experienced engineers.



Strict Quality Control

Our products are subjected to strict quality inspection with original mill certificates issued by our officers or third party inspection with MTC issued by independent institutes. The final result is that we will never deliver unqualified products.



Strong Packing

Even the best-built products, if without suitable packing, may encounter problems during transportation. Hence, we are attentive to packing details. Packing is our shield to product transportation safety.



OUR STORY

Metal Experience

AEETHER has its predecessor specialize in stainless steel products. At 1989, our first company Civmats was founded. Since then we have put into much efforts on stabilizing our product quality at an industrial higher level while experimenting on lowering the cost without any compromise on quality. With great efforts come our customers' recognition on our company and our products. Built on this solid base, AEETHER keeps growing strong, aiming to bring values to our customers, staffs and stockholders.

Nickel Alloy

2009 is the 20th anniversary of our foundation. At this juncture, we decide to evolve from ourselves and create this new brand AEETHER. We've realized that nickel alloys will be the future of this industry. We need to embrace this ever changing market with a completely new look. Hence, we've built a professional team constituted by industrial specialists and experienced talents, studying the past, the present and the future of nickel alloys. We've also dug deep into production processes to enhance efficiency and lower the cost. In 2014, with five years' accumulation, AEETHER has become a mature nickel alloy manufacturer. As an industrial specialist, we've provided satisfactory products and services to many customers.

Going Global

Our products finally go global after serving domestic markets for around 30 years.

In 2016, AEETHER founded its international business department. We've built international sales and technical teams, dedicated to making our quality materials accessible to more countries at a reasonably low price.

For now, our products have been manufactured and distributed to worldwide. We've built mutual trusts with customers from Asia, Europe, America, Africa, and Oceania. We regard your repeat orders as recognition on our product. Meanwhile, we will live up to your trust and expectations, marching further to the international market. We grow with you.



SOLUTIONS

-- Nickel Alloy Applications





Aerospace

- INCONEL
- INCOLOY
- HASTELLOY

Aerospace is the industry where nickel alloys are most widely used. In aerospace engines, it is not an easy task to ensure that various components can work normally at different temperatures and in different environments. Nickel alloy is currently the most suitable material with excellent corrosion resistance and excellent mechanical properties at high temperatures. AEETHER provides solid solution strengthened superalloys for engine containers and high-strength precipitation strengthened superalloys for engine blades.



Automotive

- MONEL
- INCONEL
- INCOLOY
- HASTELLOY

Similar to aerospace applications. With the development of the automobile industry, more and more automobile production uses nickel alloys to improve the performance of automobiles. Nowadays, superalloys are widely used in auto parts such as turbochargers, exhaust valves, ignition prechamber, exhaust gas cleaner fastener, nozzles & etc. AEETHER produces high-performance nickel alloys to meet these needs.



Chemical Processing

- MONEL
- INCONEL
- INCOLOY
- HASTELLOY

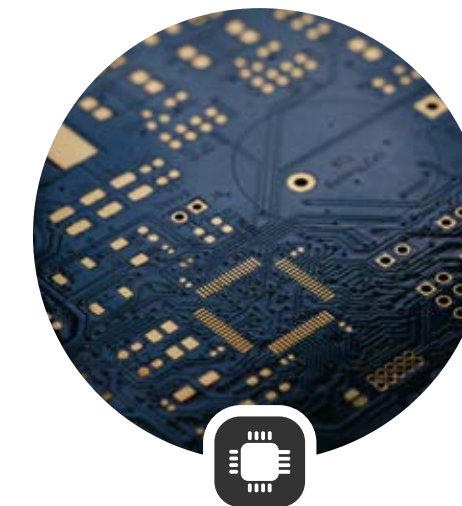
In the chemical industry, various chemical reactions need to be carried out in containers. Of course, different chemical reactions require different temperatures. The nickel alloy can not only resist the corrosion of various chemical substances, but also have good mechanical strength at both low and high temperatures. Therefore, it is the most commonly used material in the chemical industry. AEETHER provides a variety of high-performance nickel alloys to meet the needs of our customers in the chemical industry.



Electrical Resistance

- INCONEL
- INCOLOY

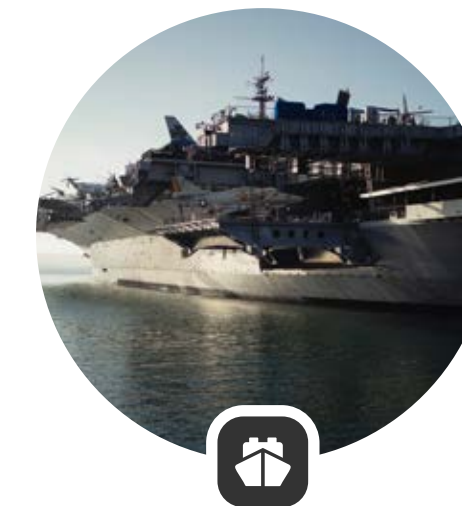
Resistance furnace is a heating furnace generate heat by pass current through the resistance wire or resistance band / strip. Among them, electric heating elements are required to have high heat resistance, high temperature strength, very low temperature coefficient of resistance and good chemical stability. Therefore, the common heating elements are nickel-chromium alloys or nickel-chromium-iron alloys (such as INCONEL and INCOLOY). AEETHER specializes in providing high-quality nickel-chromium alloy products for resistance furnace components.



Electric & Telecom

- MONEL
- INCONEL

With the development of technology, the demand for electronic components is increasing. In order to meet this demand, AEETHER can provide precision nickel alloy wires as welding wires for electronic components. For welding materials for electronic components, good brazing properties and low Curie temperature are very important indicators. Therefore, among the materials we produce, MONEL alloys 401 and 404 are perfect choices for soldering materials.



Marine

- MONEL
- INCONEL
- INCOLOY
- HASTELLOY

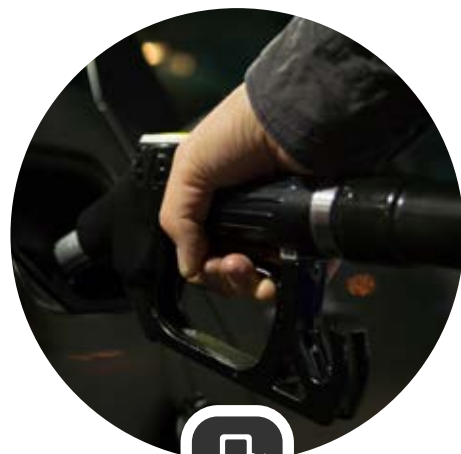
In the shipbuilding industry and other marine industries, the most important issue is how to deal with the corrosion of flowing seawater. Nickel alloy is a perfect solution, especially MONEL alloy can reduce the corrosion rate to almost negligible. At AEETHER, we provide solid solution strengthened alloy as the material for the ship's hull. At the same time, precipitation strengthened alloys are used as practical materials for fasteners in seawater.



Oil & Gas

- MONEL
- INCONEL
- INCOLOY
- HASTELLOY

The oil is excavated from thousands of meters deep underground, where there is abnormally high temperature and pressure. In addition, the environment in some oil fields is very harsh, which can cause severe corrosion to metals. AEETHER provides high-performance nickel alloy raw materials with excellent high-temperature corrosion resistance and high-temperature stress resistance. After being processed into casing and mandrel for drilling, it can be fully qualified for the oil exploitation environment.



Petro Processing

- INCONEL
- INCOLOY
- HASTELLOY

The principle of crude oil refining is to distill crude oil according to the different boiling points of different components in the crude oil. Different substances (such as gasoline and diesel) can be distilled at different temperatures. The distillation temperature can reach up to 800 degrees Celsius, and the composition of crude oil is very complex. Therefore, the distillation vessel must be resistant to high temperatures and resistant to various forms of corrosion. The nickel alloy materials produced by AEETHER are perfectly qualified for this job.



Pollution & Waste

- INCONEL
- INCOLOY
- HASTELLOY

The waste in the industrial production process is generally treated by incineration. The temperature during incineration is extremely high and some waste materials are extremely corrosive. The nickel alloys we manufacture have superior high-temperature corrosion resistance, and provide guaranteed solutions for waste treatment in petroleum refining, natural gas processing, pharmaceutical, medical and other industries.



Power Generation

- INCONEL
- INCOLOY
- HASTELLOY

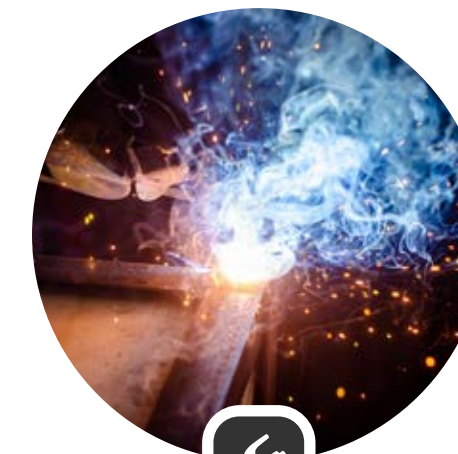
The power industry includes hydropower, coal power, gas power, and nuclear power. In addition to hydropower, other power generation methods require the support of high-temperature materials. Among them, nuclear power is one of the most widely used power generation methods of superalloys. In addition to the extreme high temperature inside the nuclear reactor, there is also a very harsh radiological environment. This makes nickel alloys an irreplaceable role in the composition of nuclear reactors.



Thermal Processing

- INCONEL
- INCOLOY
- HASTELLOY

Different metal heat treatment requires different heat treatment temperature and heat treatment time. This requires that the furnace material can withstand different degrees of high temperature for a long time without high temperature creep. AEETHER provides high-performance nickel alloy products and selects alloys with the best high-temperature creep strength to match this demand. Our materials have been verified by various practices and can perfectly cope with various heat treatment methods.



Welding Products

- MONEL
- INCONEL
- INCOLOY
- HASTELLOY

AEETHER produces nickel alloy welding materials corresponding to nickel alloy products. Our filler metals and welding electrodes are produced in strict accordance with AWS A5.14 and AWS A5.11 standards. And according to the standard requirements, the chemical composition of the material is fine-tuned to ensure the performance of the weld. In addition, we also provide filler metals and welding electrodes of world-renowned brands (such as Special Metals, Haynes, VDM, etc.) for you to choose from.



Nickel Alloy
Seamless Pipe & Tube

Basic Information

Overview

As a leading Chinese nickel alloy pipe supplier, AEETHER manufactures and produces different sizes of nickel alloy seamless pipes & tubes. Nickel alloy seamless pipe & tube is a kind of pipe or tube without weld seam. So its leakproofness and high pressure resistance is more better than that of nickel alloy welding pipe & tube. Nickel alloy has excellent corrosion resistance and high temperature resistance. So if your project demand to work in the special or extreme environment, our nickel alloy seamless pipe & tube is your best choice.

AEETHER supplies different nickel alloy grades: Monel(400, 401, K-500, etc), Inconel(600, 601, 625, 718, etc), Incoloy(800, 825, A-286, etc) and Hastelloy(B-2, C-22, C-276, etc). The outer diameter of our nickel alloy seamless pipe & tube ranges from 3mm to 600mm. Customized size is also available.

Our products have higher quality and lower price. Our sales are more professional and responsible. Please don't hesitate to contact us!

Specifications

- Outer Diameter: $\Phi 3 - \Phi 600\text{mm}$
- Wall Thickness: 0.5 - 30mm
- Length $\leq 12000\text{mm}$
- *Customized size please confirm with us

Standards

ASTM B161, ASTM B163, ASTM B165, ASTM B167, ASTM B407, ASTM B423, ASTM B444, ASTM B535, ASTM B622, ASTM B677, ASTM B690, ASTM B729, ASTM B829, ASTM B983

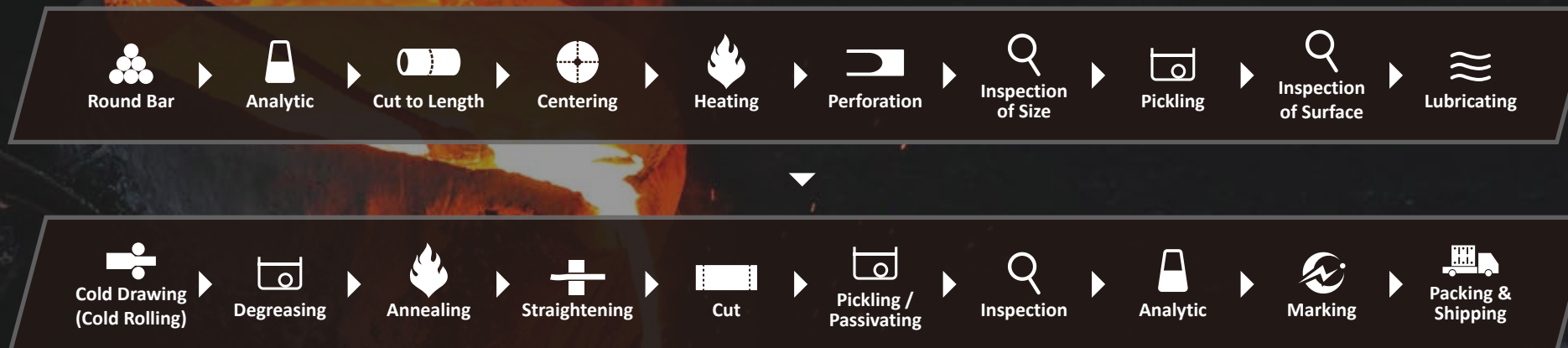
Features

Excellent high temperature resistance, corrosion resistance and high strength performance. It is suitable for strong acid and alkali and high temperature environment under harsh conditions.

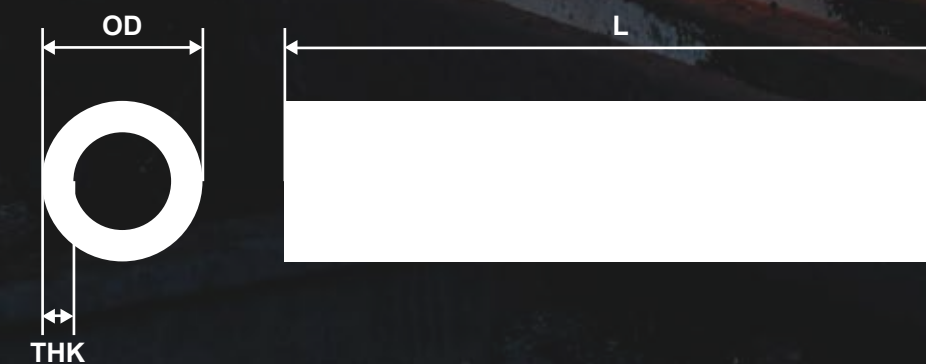
Applications

Petroleum, chemical industry, high pressure boiler, nuclear power, aviation, marine engineering, environmental protection engineering.

Manufacturing Process



Drawing & Formula



Formula: $m = (OD - THK) \times THK \text{ (mm)} \times L \text{ (m)} \times \rho \text{ (g/cm}^3\text{)} \times \pi \div 1000$
OD = Outer Diameter, THK = Wall Thickness, L = Length
 ρ = Density, $\pi = 3.1415926\ldots$

Size Range

Nominal Pipe Size		Outside Diameter		Nominal Wall Thickness													
NPS	DN	OD	SCH5/ 5S	SCH10S	SCH10	SCH20	SCH30	SCH40S/ STD	SCH40	SCH60	SCH80S/ XS	SCH80	SCH100	SCH120	SCH140	SCH160	XXS
1/8	6	10.3	-	1.24	1.24	-	1.45	1.73	1.73	-	2.41	2.41	-	-	-	3.15	4.83
1/4	8	13.7	-	1.65	1.65	-	1.85	2.24	2.24	-	3.02	3.02	-	-	-	3.68	6.05
3/8	10	17.1	-	1.65	1.65	-	1.85	2.31	2.31	-	3.2	3.2	-	-	-	4.01	6.40
1/2	15	21.3	1.65	2.11	2.11	-	2.41	2.77	2.77	-	3.73	3.73	-	-	-	4.78	7.47
3/4	20	26.7	1.65	2.11	2.11	-	2.41	2.87	2.87	-	3.91	3.91	-	-	-	5.56	7.82
1	25	33.4	1.65	2.77	2.77	-	2.90	3.38	3.38	-	4.55	4.55	-	-	-	6.35	9.09
5/4	32	42.2	1.65	2.77	2.77	-	2.97	3.56	3.56	-	4.85	4.85	-	-	-	6.35	9.7
3/2	40	48.3	1.65	2.77	2.77	-	3.18	3.68	3.68	-	5.08	5.08	-	-	-	7.14	10.15
2	50	60.3	1.65	2.77	2.77	-	3.18	3.91	3.91	-	5.54	5.54	-	-	-	8.74	11.07
5/2	65	73	2.11	3.05	3.05	-	4.78	5.16	5.16	-	7.01	7.01	-	-	-	9.53	14.02
3	80	88.9	2.11	3.05	3.05	-	4.78	5.49	5.49	-	7.62	7.62	-	-	-	11.13	15.24
7/2	90	101.6	2.11	3.05	3.05	-	4.78	5.74	5.74	-	8.08	8.08	-	-	-	-	-
4	100	114.3	2.11	3.05	3.05	-	4.78	6.02	6.02	-	8.56	8.56	-	11.13	-	13.49	17.12
5	125	141.3	2.77	3.40	3.40	-	-	6.55	6.55	-	9.53	9.53	-	12.7	-	15.88	19.05
6	150	168.3	2.77	3.40	3.40	-	-	7.11	7.11	-	10.97	10.97	-	14.27	-	18.26	21.95
8	200	219.1	2.77	3.76	3.76	6.35	7.04	8.18	8.18	10.31	12.7	12.7	15.09	18.26	20.62	23.01	22.23
10	250	273.1	3.4	4.19	4.19	6.35	7.8	9.27	9.27	12.7	12.7	15.09	18.26	21.44	25.4	28.58	25.4
12	300	323.9	3.96	4.57	4.57	6.35	8.38	9.53	10.31	14.27	12.7	17.48	21.44	25.4	28.58	33.32	25.4



NPS	DN	OD	SCH5/ 5S	SCH10S	SCH10	SCH20	SCH30	SCH40S/ STD	SCH40	SCH60	SCH80S/ XS	SCH80	SCH100	SCH120	SCH140	SCH160	XXS
14	350	355.6	3.96	4.78	6.35	7.92	9.53	9.53	11.13	15.09	12.7	19.05	23.83	27.79	31.75	35.71	-
16	400	406.4	4.19	4.78	6.35	7.92	9.53	9.53	12.7	16.66	12.7	21.44	26.19	30.96	36.53	40.49	-
18	450	457.2	4.19	4.78	6.35	7.92	11.13	9.53	14.27	19.05	12.7	23.83	29.36	34.93	39.67	45.24	-
20	500	508	4.78	5.54	6.35	9.53	12.7	9.53	15.09	20.62	12.7	26.19	32.54	38.1	44.45	50.01	-
22	550	559	4.78	5.54	6.35	9.53	12.7	9.53	-	22.23	12.7	28.58	34.93	41.28	47.63	53.98	-
24	600	610	5.54	6.35	6.35	9.53	14.27	9.53	17.48	24.61	12.7	30.96	38.89	46.02	52.37	59.54	-
26	650	660	-	-	7.92	12.7	-	9.53	-	-	12.7	-	-	-	-	-	-
28	700	711	-	-	7.92	12.7	15.88	9.53	-	-	12.7	-	-	-	-	-	-
30	750	762	6.35	7.92	7.92	12.7	15.88	9.53	-	-	12.7	-	-	-	-	-	-
32	800	813	-	-	7.92	12.7	15.88	9.53	17.48	-	12.7	-	-	-	-	-	-
34	850	864	-	-	7.92	12.7	15.88	9.53	17.48	-	12.7	-	-	-	-	-	-
36	900	914	-	-	7.92	12.7	15.88	9.53	19.05	-	12.7	-	-	-	-	-	-
38	950	965	-	-	-	-	-	9.53	-	-	12.7	-	-	-	-	-	-
40	1000	1016	-	-	-	-	-	9.53	-	-	12.7	-	-	-	-	-	-
42	1050	1067	-	-	-	-	-	9.53	-	-	12.7	-	-	-	-	-	-
44	1100	1118	-	-	-	-	-	9.53	-	-	12.7	-	-	-	-	-	-
46	1150	1168	-	-	-	-	-	9.53	-	-	12.7	-	-	-	-	-	-
48	1200	1219	-	-	-	-	-	9.53	-	-	12.7	-	-	-	-	-	-
52	1300	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	1400	1422	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	1500	1524	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



NPS	DN	OD	SCH5/ 5S	SCH10S	SCH10	SCH20	SCH30	SCH40S/ STD	SCH40	SCH60	SCH80S/ XS	SCH80	SCH100	SCH120	SCH140	SCH160	XXS
64	1600	1626	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
68	1700	1727	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72	1800	1829	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76	1900	1930	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	2000	2032	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Customized size please confirm with us

Delivery State

Delivery State Choice	Surface Condition
Cold Rolled / Cold Drawn + Solution Treated	Pickled
	Polished
	Sand Blasted
Cold Rolled / Cold Drawn + Solution Treated + Aging Treated	Pickled
	Polished
	Sand Blasted

- Note:
1. If you require different deliver state than the above listed, kindly confirm with us.
 2. In case of any enquiry or order, please kindly let us know any extra requirement not indicated here.

Package



Plastic Bag



Wooden Case

At AEETHER, our nickel alloy seamless pipe & tube are packed tightly as per international standard to prevent any possible damage. By default we will use thick woven plastic bags to bundle several pieces together (always one bundle ≤1500KGs). However, for those tube pipes that are susceptible to dirt pollution, scraping, stress or man-handling damages, we suggest wooden case for protection. Please be kindly noted that wooden case can incur extra cost by its own, and at times can increase the freight, which is especially remarkable for air transportation. For enhanced user experience, we will pack as per your diverged requirements.

Logistics



By Sea



By Air

Sea transportation is the most popular for most orders, hence regarded as the default transportation mode. Accordingly, quotation is thus made as per FOB, CFR, CIF etc.. For urgent demand, we can also offer as per air transportation.

FAQ

Q

What is the standard length? Can we cut the tubes into small lengths?

For most overseas orders, the standard length is 1m or 6m. We can also make length at 12m or 24m as per your requirement. We can cut the length into required length, but this can incur extra cost. In case of order, please also specify the required cutting method. We provide laser cutting, plasma cutting and waterjet cutting for your options.

A

Q

Can you do polishing on nickel alloy seamless tube pipes?

Yes, polished surface is available for nickel alloy seamless tube pipes, like simple rough polishing. We can also do enhanced polishing like 240 and 320 grit as per your demand. By default, pickled finish is the most common as shown by many of our photos.

A

Q

Do you have nickel alloy pipe fittings for match?

Yes, we have nickel alloy elbows, flanges, reducers etc. For more details, please refer to our products.

A

Q

Where's your main market?

South / North America, East Asia, Middle-East, Europe and so on.

A

Q

What will you use for package?

By default, we will use thick woven plastic bags for package. We can also do customized package like wooden case as per your demand. You can also refer to our photos for better understanding.

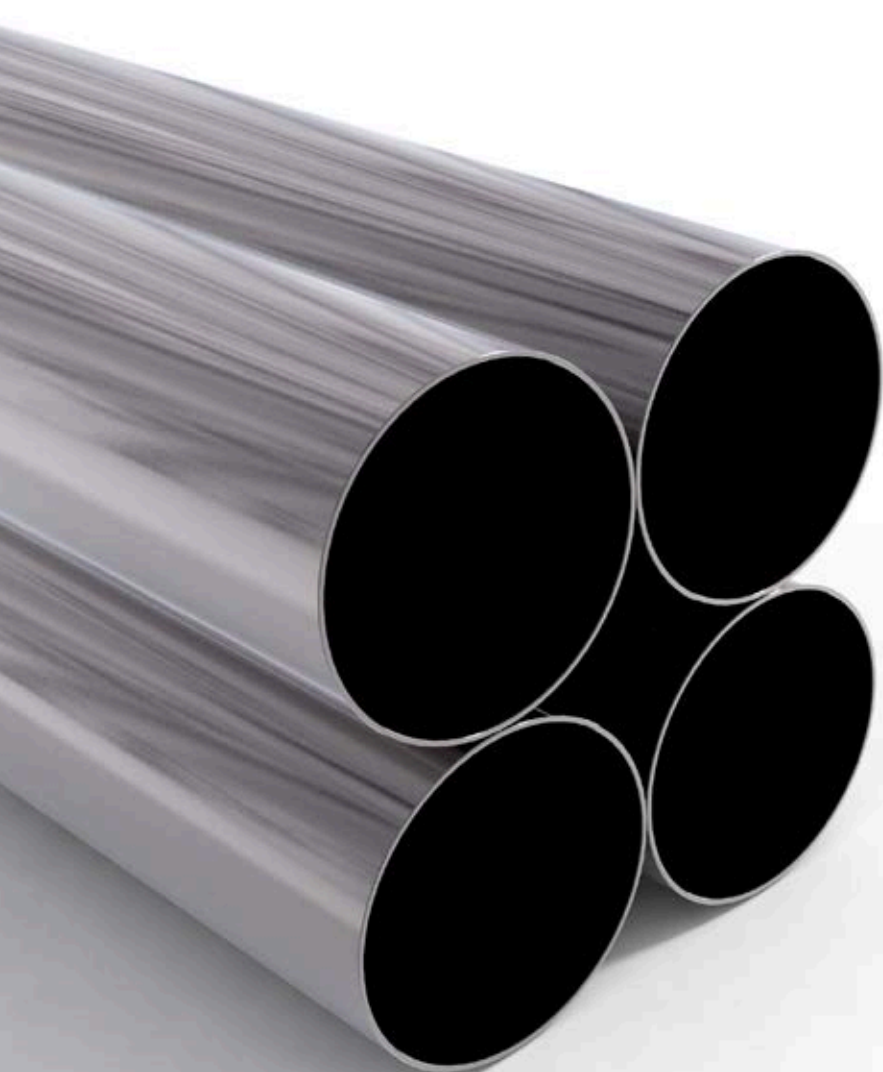
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Nickel Alloy
Welded Pipe & Tube

Basic Information



Overview

As a leading nickel alloy pipes & tubes supplier, AEETHER produces and manufactures a wide range of nickel alloy welded pipe & tube. Nickel alloy welded pipe & tube is a kind of nickel alloy pipe or tube formed by bending and welding the nickel alloy strip or nickel alloy plate, so the quality of raw materials is very important and decisive. In AEETHER, we choose the raw materials from big factory and use the most advanced splitting and welding technology to manufacture every nickel alloy welded pipe & tube. If you need solution annealed nickel alloy welded pipe or tube to meet the higher demand, we can also anneal the pipe or tube with our online solid solution equipment.

AEETHER supplies different nickel alloy grades: Monel(400, 401, K-500, etc), Inconel(600, 601, 625, 718, etc), Incoloy(800, 825, A-286, etc) and Hastelloy(B-2, C-22, C-276, etc). The outer diameter of our nickel alloy welded pipe & tube ranges from 6mm to 200mm. Customized size is also available.

Our products have higher quality and lower price. Our sales are more professional and responsible. Please don't hesitate to contact us!

Specifications

- Outer Diameter: $\Phi 6 - \Phi 200\text{mm}$
- Wall Thickness: 0.35 - 6.00mm
- Length $\leq 12000\text{mm}$
- *Customized size please confirm with us

Standards

ASTM B464, ASTM B464M, ASTM B468, ASTM B514, ASTM B515, ASTM B516, ASTM B517, ASTM B619, ASTM B619M, ASTM B626, ASTM B673, ASTM B674, ASTM B675, ASTM B676, ASTM B704, ASTM B705, ASTM B710, ASTM B725, ASTM B751, ASTM B775

Features

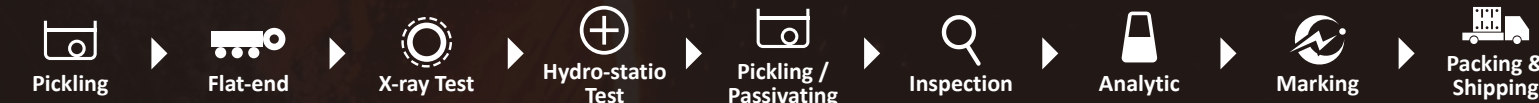
Excellent high temperature resistance, corrosion resistance. Standard roundness and smooth surface. The weld seam of the nickel alloy welded pipe & tube has been finely polished.

Applications

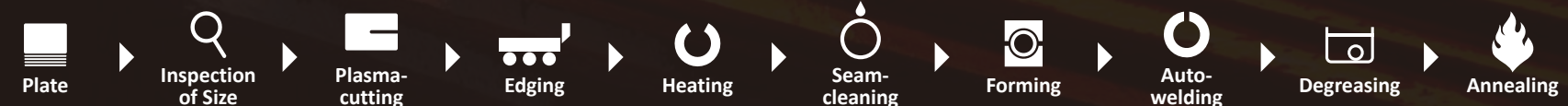
Petrochemical, oil and gas exploitation, flue gas desulfurization, seawater desalination, water treatment, non-ferrous metal smelting, chemical industry, papermaking, heating cables, etc.

Manufacturing Process

Welded Tube



Welded Pipe



Size Range

Nominal Pipe Size		Outside Diameter		Nominal Wall Thickness													
NPS	DN	OD	SCH5/ 5S	SCH10S	SCH10	SCH20	SCH30	SCH40S/ STD	SCH40	SCH60	SCH80S/ XS	SCH80	SCH100	SCH120	SCH140	SCH160	XXS
1/8	6	10.3	-	1.24	1.24	-	1.45	1.73	1.73	-	2.41	2.41	-	-	-	3.15	4.83
1/4	8	13.7	-	1.65	1.65	-	1.85	2.24	2.24	-	3.02	3.02	-	-	-	3.68	6.05
3/8	10	17.1	-	1.65	1.65	-	1.85	2.31	2.31	-	3.2	3.2	-	-	-	4.01	6.40
1/2	15	21.3	1.65	2.11	2.11	-	2.41	2.77	2.77	-	3.73	3.73	-	-	-	4.78	7.47
3/4	20	26.7	1.65	2.11	2.11	-	2.41	2.87	2.87	-	3.91	3.91	-	-	-	5.56	7.82
1	25	33.4	1.65	2.77	2.77	-	2.90	3.38	3.38	-	4.55	4.55	-	-	-	6.35	9.09
5/4	32	42.2	1.65	2.77	2.77	-	2.97	3.56	3.56	-	4.85	4.85	-	-	-	6.35	9.7
3/2	40	48.3	1.65	2.77	2.77	-	3.18	3.68	3.68	-	5.08	5.08	-	-	-	7.14	10.15
2	50	60.3	1.65	2.77	2.77	-	3.18	3.91	3.91	-	5.54	5.54	-	-	-	8.74	11.07
5/2	65	73	2.11	3.05	3.05	-	4.78	5.16	5.16	-	7.01	7.01	-	-	-	9.53	14.02
3	80	88.9	2.11	3.05	3.05	-	4.78	5.49	5.49	-	7.62	7.62	-	-	-	11.13	15.24
7/2	90	101.6	2.11	3.05	3.05	-	4.78	5.74	5.74	-	8.08	8.08	-	-	-	-	-
4	100	114.3	2.11	3.05	3.05	-	4.78	6.02	6.02	-	8.56	8.56	-	11.13	-	13.49	17.12
5	125	141.3	2.77	3.40	3.40	-	-	6.55	6.55	-	9.53	9.53	-	12.7	-	15.88	19.05
6	150	168.3	2.77	3.40	3.40	-	-	7.11	7.11	-	10.97	10.97	-	14.27	-	18.26	21.95
8	200	219.1	2.77	3.76	3.76	6.35	7.04	8.18	8.18	10.31	12.7	12.7	15.09	18.26	20.62	23.01	22.23
10	250	273.1	3.4	4.19	4.19	6.35	7.8	9.27	9.27	12.7	12.7	15.09	18.26	21.44	25.4	28.58	25.4
12	300	323.9	3.96	4.57	4.57	6.35	8.38	9.53	10.31	14.27	12.7	17.48	21.44	25.4	28.58	33.32	25.4



NPS	DN	OD	SCH5/ 5S	SCH10S	SCH10	SCH20	SCH30	SCH40S/ STD	SCH40	SCH60	SCH80S/ XS	SCH80	SCH100	SCH120	SCH140	SCH160	XXS
14	350	355.6	3.96	4.78	6.35	7.92	9.53	9.53	11.13	15.09	12.7	19.05	23.83	27.79	31.75	35.71	-
16	400	406.4	4.19	4.78	6.35	7.92	9.53	9.53	12.7	16.66	12.7	21.44	26.19	30.96	36.53	40.49	-
18	450	457.2	4.19	4.78	6.35	7.92	11.13	9.53	14.27	19.05	12.7	23.83	29.36	34.93	39.67	45.24	-
20	500	508	4.78	5.54	6.35	9.53	12.7	9.53	15.09	20.62	12.7	26.19	32.54	38.1	44.45	50.01	-
22	550	559	4.78	5.54	6.35	9.53	12.7	9.53	-	22.23	12.7	28.58	34.93	41.28	47.63	53.98	-
24	600	610	5.54	6.35	6.35	9.53	14.27	9.53	17.48	24.61	12.7	30.96	38.89	46.02	52.37	59.54	-
26	650	660	-	-	7.92	12.7	-	9.53	-	-	12.7	-	-	-	-	-	-
28	700	711	-	-	7.92	12.7	15.88	9.53	-	-	12.7	-	-	-	-	-	-
30	750	762	6.35	7.92	7.92	12.7	15.88	9.53	-	-	12.7	-	-	-	-	-	-
32	800	813	-	-	7.92	12.7	15.88	9.53	17.48	-	12.7	-	-	-	-	-	-
34	850	864	-	-	7.92	12.7	15.88	9.53	17.48	-	12.7	-	-	-	-	-	-
36	900	914	-	-	7.92	12.7	15.88	9.53	19.05	-	12.7	-	-	-	-	-	-
38	950	965	-	-	-	-	-	9.53	-	-	12.7	-	-	-	-	-	-
40	1000	1016	-	-	-	-	-	9.53	-	-	12.7	-	-	-	-	-	-
42	1050	1067	-	-	-	-	-	9.53	-	-	12.7	-	-	-	-	-	-
44	1100	1118	-	-	-	-	-	9.53	-	-	12.7	-	-	-	-	-	-
46	1150	1168	-	-	-	-	-	9.53	-	-	12.7	-	-	-	-	-	-
48	1200	1219	-	-	-	-	-	9.53	-	-	12.7	-	-	-	-	-	-
52	1300	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	1400	1422	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	1500	1524	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



NPS	DN	OD	SCH5/ 5S	SCH10S	SCH10	SCH20	SCH30	SCH40S/ STD	SCH40	SCH60	SCH80S/ XS	SCH80	SCH100	SCH120	SCH140	SCH160	XXS
64	1600	1626	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
68	1700	1727	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72	1800	1829	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76	1900	1930	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	2000	2032	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Customized size please confirm with us

Delivery State

Delivery State Choice	Surface Condition
Welded / Cold Rolled + Solution Treated	Pickled
	Polished
	Sand Blasted
Welded / Cold Rolled + Solution Treated + Aging Treated	Pickled
	Polished
	Sand Blasted

- Note:
1. If you require different deliver state than the above listed, kindly confirm with us.
 2. In case of any enquiry or order, please kindly let us know any extra requirement not indicated here.

Package



Plastic Bag



Wooden Case

At AEETHER, our nickel alloy welded pipe & tube are packed tightly as per international standard to prevent any possible damage. By default we will use thick woven plastic bags to bundle several pieces together (always one bundle ≤1500KGs). However, for those tube pipes that are susceptible to dirt pollution, scraping, stress or man-handling damages, we suggest wooden case for protection. Please be kindly noted that wooden case can incur extra cost by its own, and at times can increase the freight, which is especially remarkable for air transportation. For enhanced user experience, we will pack as per your diverged requirements.

Logistics



By Sea



By Air

Sea transportation is the most popular for most orders, hence regarded as the default transportation mode. Accordingly, quotation is thus made as per FOB, CFR, CIF etc.. For urgent demand, we can also offer as per air transportation.

FAQ

Q What about the finish of the nickel alloy welded pipe & tube?

For industrial applications, our nickel alloy welded pipes & tubes are No.1 finish or pickled finish. We can also produce polished nickel alloy welded pipes or tubes according to your requirements, such as 320#, 400#, 600# or mirror polished. If you need to inquire or order, please also tell us the degree of polishing, including internal polishing, external polishing or internal and external polishing.

A

Q What is the standard length? Can we cut the tubes into small lengths?

For most overseas orders, the standard length is 5.8 m or 6m. We can also make length at 12 m or 13m as per your requirement. We can cut the length into required length, but this can incur extra cost. In case of order, please also specify the required cutting method. We provide laser cutting, plasma cutting and waterjet cutting for your options.

A

Q Do you have nickel alloy pipe fittings for match?

Yes, we have nickel alloy elbows, flanges, reducers etc. For more details, please refer to our products.

A

Q What will you use for package?

By default, we will use thick woven plastic bags for package. We can also do customized package like wooden case as per your demand. You can also refer to our photos for better understanding.

A

Q Where's your main market?

South / North America, East Asia, Middle-East, Europe and so on.

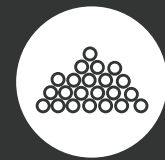
A

Q How long is your delivery time?

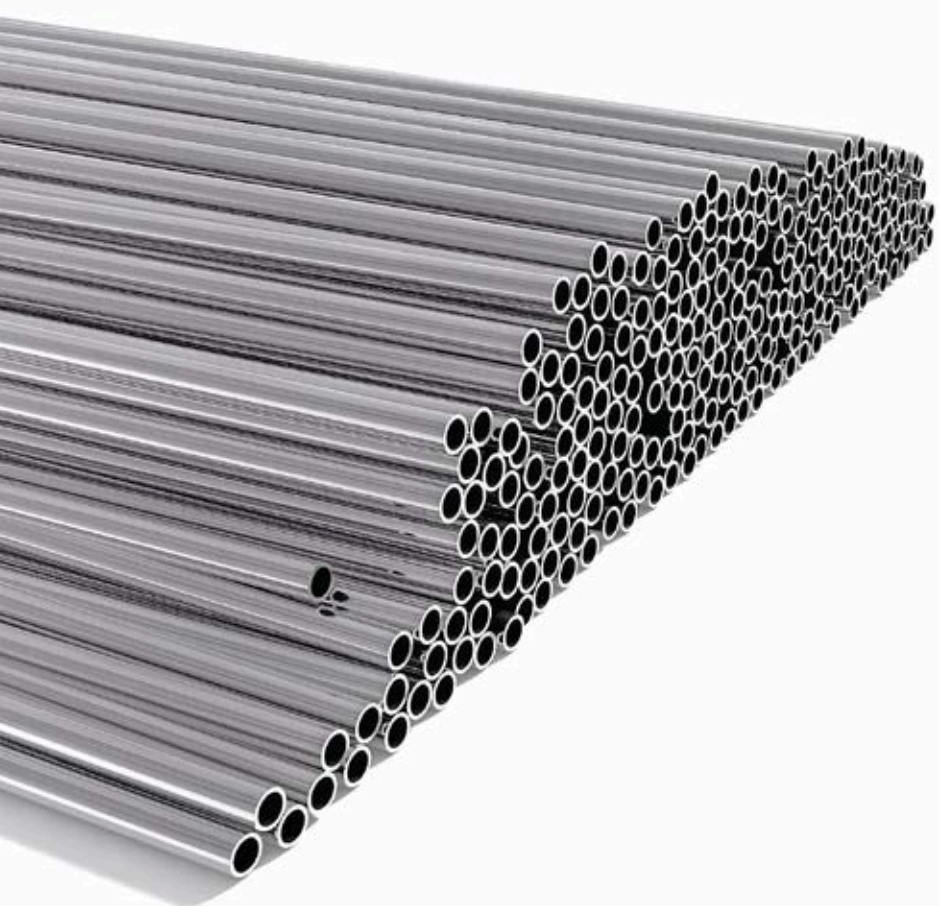
Generally, it takes ten weeks to order nickel alloy welded pipes for less than two cabinets. But the delivery time may also be affected by other factors such as special materials, special sizes, large quantities of the product itself or force majeure.

A





Nickel Alloy
Capillary Tube



Features

Excellent flexibility, corrosion resistance, heat resistance, durability, good tensile properties, water resistance and good electromagnetic shielding performance. precise size, strict tolerance range, flexible polishing process.

Overview

As a Chinese leading nickel alloy supplier, AEETHER produces and manufactures precise nickel alloy capillary tube. Nickel alloy capillary tube is a kind of alloy tube with smaller size and higher process difficulty. It is made of nickel alloy coil tube straightened and polished. Nickel alloy capillary tubes are suitable for use in some products that require high corrosion resistance and have a more precise internal structure. In terms of manufacturing process, we can provide seamless nickel alloy capillary tube and welded nickel alloy capillary tube. In the polishing process, we can provide MP, EP, BA, AP and other technologies to meet your different needs. The nickel alloy capillary tubes we produce have beautiful appearance, strict dimensional tolerances and suitable conditions.

AEETHER supplies different nickel alloy grades: Monel(400, 401, K-500, etc), Inconel(600, 601, 625, 718, etc), Incoloy(800, 825, A-286, etc) and Hastelloy(B-2, C-22, C-276, etc). The outer diameter of our nickel alloy capillary tube ranges from 0.4mm to 16mm. Customized size is also available.

Our products have higher quality and lower price. Our sales are more professional and responsible. Please don't hesitate to contact us!

Specifications

- Outer Diameter: $\Phi 0.4 - \Phi 16\text{mm}$
- Wall Thickness: 0.1 - 3.0mm
- Length $\leq 12000\text{mm}$
- *Customized size please confirm with us

Standards

ASTM B161, ASTM B163, ASTM B165, ASTM B167, ASTM B407, ASTM B423, ASTM B444, ASTM B468, ASTM B515, ASTM B516, ASTM B535, ASTM B622, ASTM B626, ASTM B674, ASTM B676, ASTM B677, ASTM B690, ASTM B704, ASTM B729, ASTM B751, ASTM B829, ASTM B983

Applications

1. Pallets, frames and fixtures used in heat treatment plants
2. Steel wire split annealing and shoot tube, high-speed gas burner, wire mesh belt in industrial furnace
3. Isolation tank in nitrogen reforming and catalytic support grid in nitric acid manufacturing
4. Exhaust system components
5. Combustion chamber of solid waste incinerator
6. Pipe support and soot handling parts
7. Exhaust gas detoxification system components
8. Oxygen reheater

Manufacturing Process



Size Range

Size	Size	Size	Size	Size
0.4*0.11	1.3*0.15	2.1*0.7	3.5*0.25	5.0*1.0
0.5*0.15	1.3*0.3	2.2*0.2	3.5*0.5	5.0*1.5
0.6*0.15	1.4*0.15	2.2*0.3	3.5*1.0	5.5*0.2
0.63*0.15	1.4*0.2	2.2*0.6	3.5*1.2	6.0*1.5
0.7*0.15	1.4*0.25	2.2*0.8	3.7*0.2	6.0*0.8
0.8*0.125	1.45*0.1	2.3*0.2	3.7*0.25	6.0*2.0
0.8*0.15	1.5*0.125	2.3*0.25	3.8*0.2	6.35*0.3
0.9*0.15	1.6*0.15	2.5*0.18	3.8*0.25	6.35*0.35
1.0*0.1	1.6*0.2	2.5*0.2	4.0*0.2	6.35*0.5
1.0*0.125	1.6*0.25	2.5*0.25	4.0*0.25	6.35*0.7
1.0*0.135	1.6*0.3	2.5*0.3	4.0*0.35	6.35*0.8
1.0*0.15	1.6*0.4	2.5*0.4	4.0*0.4	6.35*1.25
1.0*0.16	1.7*0.15	2.5*0.5	4.0*0.5	6.35*1.65
1.1*0.115	1.7*0.25	2.5*0.55	4.0*0.7	6.35*1.8
1.1*0.12	1.8*0.11	2.5*0.75	4.0*1.0	6.35*0.89
1.1*0.125	1.8*0.125	2.5*0.8	4.2*0.25	6.35*1.24
1.1*0.135	1.8*0.15	2.55*0.13	4.4*0.25	6.35*1.65
1.1*0.14	1.8*0.2	2.55*0.8	4.4*0.4	6.5*0.3
1.1*0.15	2.0*0.125	2.6*0.2	4.5*0.2	6.5*0.4

Delivery State

1.1*0.2	2.0*0.15	2.8*0.2	4.5*0.25	6.5*0.5
1.2*0.1	2.0*0.2	3.0*0.15	4.5*0.3	6.5*0.6
1.2*0.125	2.0*0.25	3.0*0.2	4.5*0.5	7.0*0.2
1.2*0.135	2.0*0.3	3.0*0.25	4.5*1.0	7.0*0.3
1.2*0.15	2.0*0.4	3.0*0.3	4.7*1.0	7.0*0.5
1.2*0.2	2.0*0.5	3.0*0.5	5.0*0.2	7.0*1.0
1.3*0.1	2.0*0.7	3.2*0.2	5.0*0.25	8.0*0.2
1.3*0.11	2.1*0.5	3.2*0.5	5.0*0.3	8.0*0.5
1.3*0.12	2.1*0.55	3.4*0.2	5.0*0.35	9.52*0.89
1.3*0.125	2.1*0.65	3.5*0.2	5.0*0.5	

Delivery State Choice	Surface Condition
AP: Annealed and Pickled	Pickled
MP: Mechanically Polished	Polished
BA: Bright Annealed	Bright
EP: Electro-Polished	Polished

Note: 1. If you require different deliver state than the above listed, kindly confirm with us.
2. In case of any enquiry or order, please kindly let us know any extra requirement not indicated here.

FAQ

Q

How many delivery states are there for nickel alloy capillary tubes?

We have four delivery states for you to choose from: Annealing & Pickling (AP), Mechanical Polishing (MP), Bright Annealing (BA) and Electrolytic Polishing (EP).

A

Q

What is the standard packaging of EP tube?

For our EP nickel alloy capillary tubes, both ends of the finished tube are protected by PA membranes and rubber tube caps. We will further protect these tubes with anti-static bags. Finally, we put it into a wooden box for packaging.

A

Q

Where is your main market?

South / North America, East Asia, Middle-East, Europe and so on.

A

Q

Can you provide samples for quality inspection?

Yes, samples of small and medium batches (common sizes and materials) can be provided free of charge in the preliminary inventory. however, the shipping costs shall be borne by you.

A

Q

What are the common capillary tubes?

The BA and EP capillary tubes are the most popular tubes at home and abroad. Common materials are: Monel 400, Monel K-500, Inconel 600, Inconel 625, Inconel 718, Incoloy 800, Incoloy 825, Hastelloy B-2, Hastelloy C-276, etc.

A

Q

What is your standard length? Can I cut the tube to the length I want?

Our standard length is 1 meter, 3 meters, 5 meters, and 6 meters. We can also cut the tube to the required length by laser cutting.

A

Package



Plastic Bag



Carton Box



Wooden Case

At AEETHER, our nickel alloy capillary tubes are packed tightly as per international standard to prevent any possible damage. By default we will use thick woven plastic bags to bundle several pieces together (always one bundle ≤ 1500 KGs). We can also use carton box to pack the short tubes. However, for those tubes that are susceptible to dirt pollution, scraping, stress or man-handling damages, we suggest wooden case for protection. Please be kindly noted that wooden case can incur extra cost by its own, and at times can increase the freight, which is especially remarkable for air transportation. For enhanced user experience, we will pack as per your diverged requirements.

Logistics



By Sea



By Air

Sea transportation is the most popular for most orders, hence regarded as the default transportation mode. Accordingly, quotation is thus made as per FOB, CFR, CIF etc.. For urgent demand, we can also offer as per air transportation.





Nickel Alloy
Coil Tube



Standards

ASTM B161, ASTM B163, ASTM B165, ASTM B167, ASTM B407, ASTM B423, ASTM B444, ASTM B468, ASTM B515, ASTM B516, ASTM B535, ASTM B622, ASTM B626, ASTM B674, ASTM B676, ASTM B677, ASTM B690, ASTM B704, ASTM B729, ASTM B751, ASTM B829, ASTM B983

Overview

As a leading nickel alloy tube supplier, AEETHER manufactures and produces high quality and customized nickel alloy coil tube. Nickel alloy coil tube is a continuous small diameter nickel alloy tube manufactured by welding, continuously cold drawing and coiling the nickel alloy strip. Due to its continuity, we will use bright annealing process to avoid the generation of oxide skin inside the tube. Nickel alloy coil tubes have excellent high temperature resistance and corrosion resistance, as well as good integration. We also provide nickel alloy seamless coil tube and nickel alloy welded coil tube for your choice. It should be noted that due to the difference in technology, the length of the nickel alloy seamless coil tube of the same size will be less than that of the nickel alloy welded coil tube. Please confirm this with us.

AEETHER supplies different nickel alloy grades: Monel(400, 401, K-500, etc), Inconel(600, 601, 625, 718, etc), Incoloy(800, 825, A-286, etc) and Hastelloy(B-2, C-22, C-276, etc). The outer diameter of our nickel alloy coil tube ranges from 0.4mm to 16mm. Customized size is also available.

Our products have higher quality and lower price. Our sales are more professional and responsible. Please don't hesitate to contact us!

Specifications

- Dimension:
Outer Diameter: Φ0.4 - Φ16mm
Wall Thickness: 0.1 - 3.0mm
Length: 150m, 1500m, 1800m, or customized
- Classification of Nickel Alloy Coil Tube:
1. Flange heating tubes
2. O type
3. I type
4. W type
5. U type
- *Customized size please confirm with us

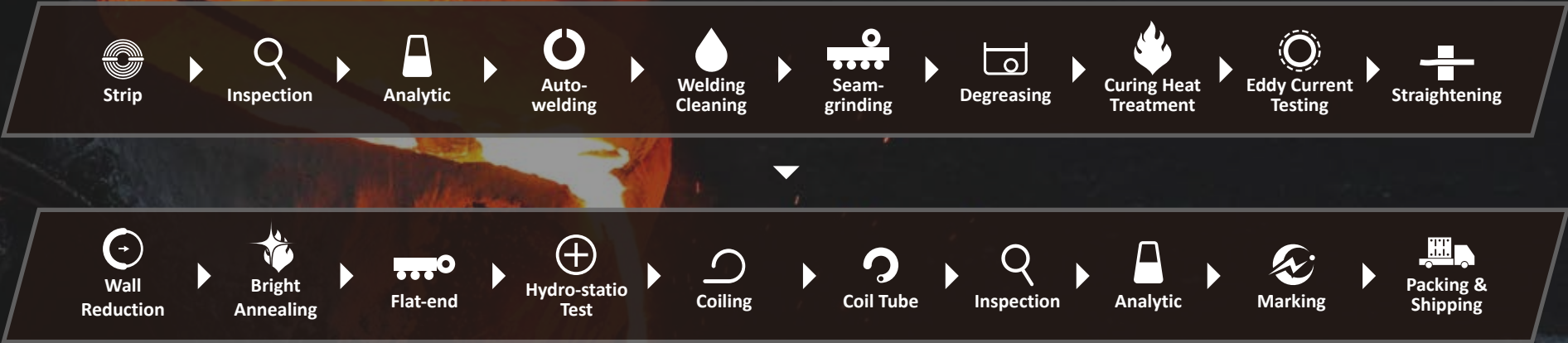
Applications

Electricity, petroleum, construction boilers, natural, petrochemical.

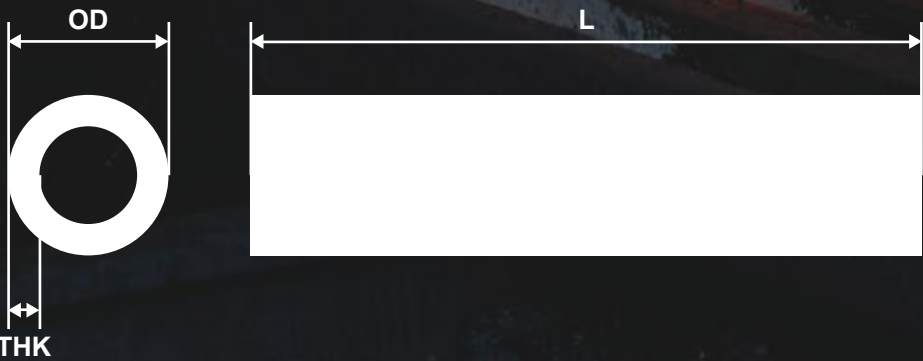
Features

- Nickel alloy coil has many excellent characteristics as follows:
- 1) Resistance to high temperature steam, impact corrosion and ammonia corrosion;
 - 2) Anti-scaling, hardness and discoloration, anti-oxidation and corrosion;
 - 3) Long service life, reducing maintenance time and saving cost;
 - 4) Excellent tabulation performance, easy to replace test tubes, safe and reliable;
 - 5) Ideal heat exchange products, which can be used to upgrade old equipment and manufacture new equipment.

Manufacturing Process



Drawing & Formula



Formula: $m = (OD - THK) \times THK \text{ (mm)} \times L \text{ (m)} \times \rho \text{ (g/cm}^3\text{)} \times \pi \div 1000$
OD = Outer Diameter, THK = Wall Thickness, L = Length
 ρ = Density, $\pi = 3.1415926...$

Size Range

Size	Size	Size	Size	Size
0.4*0.11	1.3*0.15	2.1*0.7	3.5*0.25	5.0*1.0
0.5*0.15	1.3*0.3	2.2*0.2	3.5*0.5	5.0*1.5
0.6*0.15	1.4*0.15	2.2*0.3	3.5*1.0	5.5*0.2
0.63*0.15	1.4*0.2	2.2*0.6	3.5*1.2	6.0*1.5
0.7*0.15	1.4*0.25	2.2*0.8	3.7*0.2	6.0*0.8
0.8*0.125	1.45*0.1	2.3*0.2	3.7*0.25	6.0*2.0
0.8*0.15	1.5*0.125	2.3*0.25	3.8*0.2	6.35*0.3
0.9*0.15	1.6*0.15	2.5*0.18	3.8*0.25	6.35*0.35
1.0*0.1	1.6*0.2	2.5*0.2	4.0*0.2	6.35*0.5
1.0*0.125	1.6*0.25	2.5*0.25	4.0*0.25	6.35*0.7
1.0*0.135	1.6*0.3	2.5*0.3	4.0*0.35	6.35*0.8
1.0*0.15	1.6*0.4	2.5*0.4	4.0*0.4	6.35*1.25
1.0*0.16	1.7*0.15	2.5*0.5	4.0*0.5	6.35*1.65
1.1*0.115	1.7*0.25	2.5*0.55	4.0*0.7	6.35*1.8
1.1*0.12	1.8*0.11	2.5*0.75	4.0*1.0	6.35*0.89
1.1*0.125	1.8*0.125	2.5*0.8	4.2*0.25	6.35*1.24
1.1*0.135	1.8*0.15	2.55*0.13	4.4*0.25	6.35*1.65



Delivery State

1.1*0.14	1.8*0.2	2.55*0.8	4.4*0.4	6.5*0.3
1.1*0.15	2.0*0.125	2.6*0.2	4.5*0.2	6.5*0.4
1.1*0.2	2.0*0.15	2.8*0.2	4.5*0.25	6.5*0.5
1.2*0.1	2.0*0.2	3.0*0.15	4.5*0.3	6.5*0.6
1.2*0.125	2.0*0.25	3.0*0.2	4.5*0.5	7.0*0.2
1.2*0.135	2.0*0.3	3.0*0.25	4.5*1.0	7.0*0.3
1.2*0.15	2.0*0.4	3.0*0.3	4.7*1.0	7.0*0.5
1.2*0.2	2.0*0.5	3.0*0.5	5.0*0.2	7.0*1.0
1.3*0.1	2.0*0.7	3.2*0.2	5.0*0.25	8.0*0.2
1.3*0.11	2.1*0.5	3.2*0.5	5.0*0.3	8.0*0.5
1.3*0.12	2.1*0.55	3.4*0.2	5.0*0.35	9.52*0.89
1.3*0.125	2.1*0.65	3.5*0.2	5.0*0.5	

Delivery State Choice

Surface Condition

BA: Bright Annealed

Bright

Note: 1. If you require different deliver state than the above listed, kindly confirm with us.
2. In case of any enquiry or order, please kindly let us know any extra requirement not indicated here.



FAQ

Q

Do you have wood reel packaging?

Yes, we can also provide metal spools according to your requirements.

A

Q

What is your nickel alloy coil tube process?

We have the following two processes:

- 1) TIG welding & cold drawing;
- 2) Seamless and cold drawn.

A

Q

What is your minimum order quantity?

Usually, our minimum order quantity is 100KG for each size. If you are not sure about your situation, please contact us.

A

Q

Where is your main market?

South / North America, East Asia, Middle-East, Europe and so on.

A

Package



Carton Box



Wood Reel



Plastic Bag



Wooden Case

At AEETHER, all of our nickel alloy coil tubes are packaged in accordance with international standards to prevent any possible damage or loss. According to your specific needs, our packaging can be Thick Woven Plastic Bag, Wooden Pallet, Wood Reel and Wooden Case. We can also provide special packaging according to your special requirements. Please be kindly noted that wooden case can incur extra cost by its own, and at times can increase the freight, which is especially remarkable for air transportation. For enhanced user experience, we will pack as per your diverged requirements.

Logistics



By Sea



By Air

Sea transportation is the most popular for most orders, hence regarded as the default transportation mode. Accordingly, quotation is thus made as per FOB, CFR, CIF etc.. For urgent demand, we can also offer as per air transportation.





Nickel Alloy
Thick-walled Pipe

Basic Information



Overview

As a Chinese leading nickel alloy pipe supplier, AEETHER manufactures and produces a wide range of nickel alloy thick-walled pipe. Nickel alloy thick-walled pipe is a seamless, thick-walled nickel alloy pipe. Compared with nickel alloy seamless pipe, it not only inherits high temperature resistance and corrosion resistance, but also has better high pressure resistance. Therefore, nickel alloy thick-walled tubes are often used in high-pressure equipment. In the manufacturing process, due to the thicker wall thickness, cold rolling and cold drawing processes are no longer applicable, so the nickel alloy thick-walled pipe is perforated and hot-rolled from nickel alloy round bar.

AEETHER supplies different nickel alloy grades: Monel(400, 401, K-500, etc), Inconel(600, 601, 625, 718, etc), Incoloy(800, 825, A-286, etc) and Hastelloy(B-2, C-22, C-276, etc). The outer diameter of our nickel alloy coil tube ranges from 10m to 600mm. Customized size is also available.

Our products have higher quality and lower price. Our sales are more professional and responsible. Please don't hesitate to contact us!

Specifications

- Outer Diameter: $\Phi 10 - \Phi 600\text{mm}$
- Wall Thickness: SCH80S, SCH120, SCH160, XXS
- Length $\leq 12000\text{mm}$
- *Customized size please confirm with us

Standards

ASTM B161, ASTM B165, ASTM B167, ASTM B407, ASTM B423, ASTM B444, ASTM B535, ASTM B622, ASTM B677, ASTM B690, ASTM B729, ASTM B829, ASTM B983

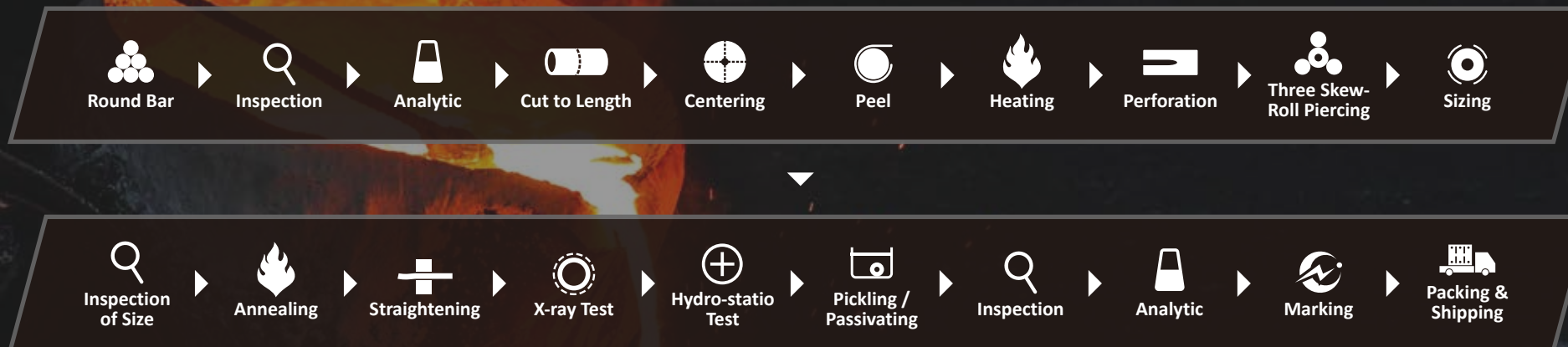
Features

Excellent corrosion resistance and high temperature resistance, outstanding high pressure resistance and sealing performance.

Applications

Nozzles, reducers, couplings, petroleum, chemical, shipbuilding, pharmaceuticals, electronic components, etc.

Manufacturing Process



Drawing & Formula



Formula: $m = (OD - THK) \times THK \text{ (mm)} \times L \text{ (m)} \times \rho \text{ (g/cm}^3\text{)} \times \pi \div 1000$
OD = Outer Diameter, THK = Wall Thickness, L = Length
 ρ = Density, $\pi = 3.1415926...$

Size Range

Outer Diameter	Wall Thickness	Outer Diameter	Wall Thickness	Outer Diameter	Wall Thickness	Outer Diameter	Wall Thickness
1/8	1	1	5	15/8	6	7/2	12
1/8	1.5	1	6	15/8	8	4	3
1/8	2	9/8	2	2	2	4	3.5
1/4	1	9/8	2.5	2	2.5	4	4
1/4	1.5	9/8	3	2	3	4	5
1/4	2	9/8	3.5	2	3.5	4	6
3/8	1	9/8	4	2	4	4	8
3/8	1.5	9/8	5	2	5	4	10
3/8	2	9/8	6	2	6	4	12
3/8	2.5	5/4	2	2	8	5	4
3/8	3	5/4	2.5	2	10	5	5
7/16	2	5/4	3	2	12	5	6
7/16	2.5	5/4	3.5	9/4	2	5	8
7/16	3	5/4	4	9/4	2.5	5	10
7/16	3.5	5/4	5	9/4	3	5	12
7/16	4	5/4	6	9/4	3.5	6	4
1/2	2	11/8	2	9/4	4	6	5
1/2	2.5	11/8	2.5	9/4	5	6	6
1/2	3	11/8	3	9/4	6	6	8



Outer Diameter	Wall Thickness	Outer Diameter	Wall Thickness	Outer Diameter	Wall Thickness	Outer Diameter	Wall Thickness
1/2	3.5	11/8	3.5	9/4	8	6	10
1/2	4	11/8	4	9/4	10	6	12
5/8	2	11/8	5	9/4	12	8	4
5/8	2.5	11/8	6	5/2	3	8	5
5/8	3	3/2	2	5/2	3.5	8	6
5/8	3.5	3/2	2.5	5/2	4	8	8
5/8	4	3/2	3	5/2	5	8	10
3/4	2	3/2	3.5	5/2	6	8	12
3/4	2.5	3/2	4	5/2	8	10	6
3/4	3	3/2	5	5/2	10	10	8
3/4	3.5	3/2	6	5/2	12	10	10
3/4	4	3/2	8	3	3	10	12
3/4	5	7/4	2	3	3.5	12	10
3/4	6	7/4	2.5	3	4	12	12
7/8	2	7/4	3	3	5	14	10
7/8	2.5	7/4	3.5	3	6	14	12
7/8	3	7/4	4	3	8	16	10
7/8	3.5	7/4	5	3	10	16	12
7/8	4	7/4	6	3	12	18	10
7/8	5	7/4	8	7/2	3	18	12
7/8	6	15/8	2	7/2	3.5	20	10



Outer Diameter	Wall Thickness	Outer Diameter	Wall Thickness	Outer Diameter	Wall Thickness	Outer Diameter	Wall Thickness
1	2	15/8	2.5	7/2	4	20	12
1	2.5	15/8	3	7/2	5	24	10
1	3	15/8	3.5	7/2	6	24	12
1	3.5	15/8	4	7/2	8		
1	4	15/8	5	7/2	10		

*Customized size please confirm with us

Delivery State

Delivery State Choice	Surface Condition
Hot Rolled + Solution Treated	Pickled
	Polished
	Sand Blasted
Hot Rolled + Solution Treated + Aging Treated	Pickled
	Polished
	Sand Blasted

- Note:
1. If you require different deliver state than the above listed, kindly confirm with us.
 2. In case of any enquiry or order, please kindly let us know any extra requirement not indicated here.

Package



Plastic Bag



Wooden Case

At AEETHER, our nickel alloy thick-walled pipe are packed tightly as per international standard to prevent any possible damage. By default we will use thick woven plastic bags to bundle several pieces together (always one bundle ≤1500KGs). However, for those tube pipes that are susceptible to dirt pollution, scraping, stress or man-handling damages, we suggest wooden case for protection. Please be kindly noted that wooden case can incur extra cost by its own, and at times can increase the freight, which is especially remarkable for air transportation. For enhanced user experience, we will pack as per your diverged requirements.

Logistics



By Sea



By Air

Sea transportation is the most popular for most orders, hence regarded as the default transportation mode. Accordingly, quotation is thus made as per FOB, CFR, CIF etc.. For urgent demand, we can also offer as per air transportation.

FAQ

Q

Can you polish the nickel alloy thick-walled pipes?

Yes, we can polish these pipes into 200 to 600 mesh according to your requirements. We can also perform 8K polishing/mirror polishing.

A

Q

What are the main grades of nickel alloy thick-walled pipe?

Monel 400, Monel K-500, Inconel 600, Inconel 625, Inconel 718, Incoloy 800, Incoloy 825, Hastelloy B-2, Hastelloy C-276, etc.

A

Q

What is your standard length?

Random length, 1m, 2m, 3m, 4m, 5m, 6m or customized.

A

Q

Where's your main market?

South / North America, East Asia, Middle-East, Europe and so on.

A

Q

What is your standard packaging?

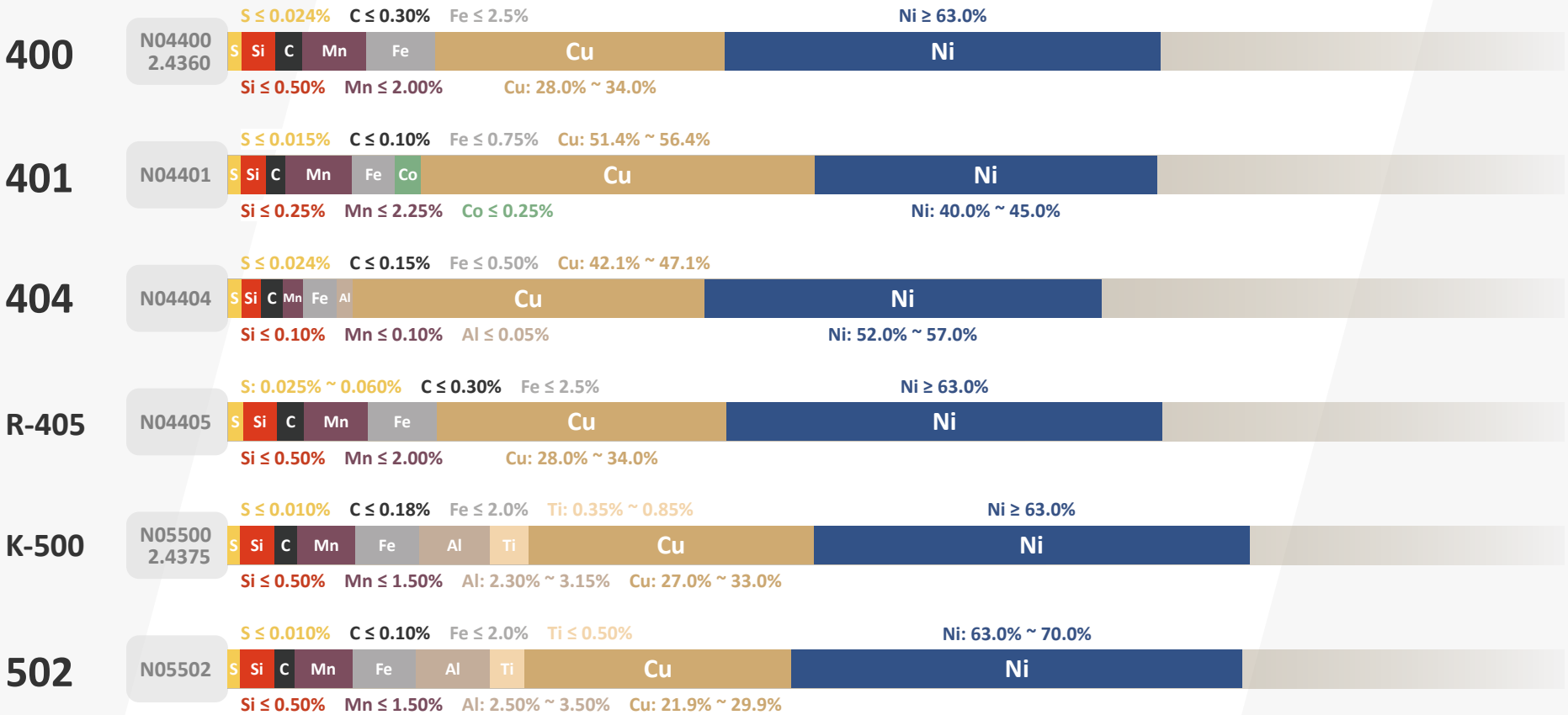
We will use thick woven plastic bags to bundle the finished nickel alloy pipes together in batches.

A

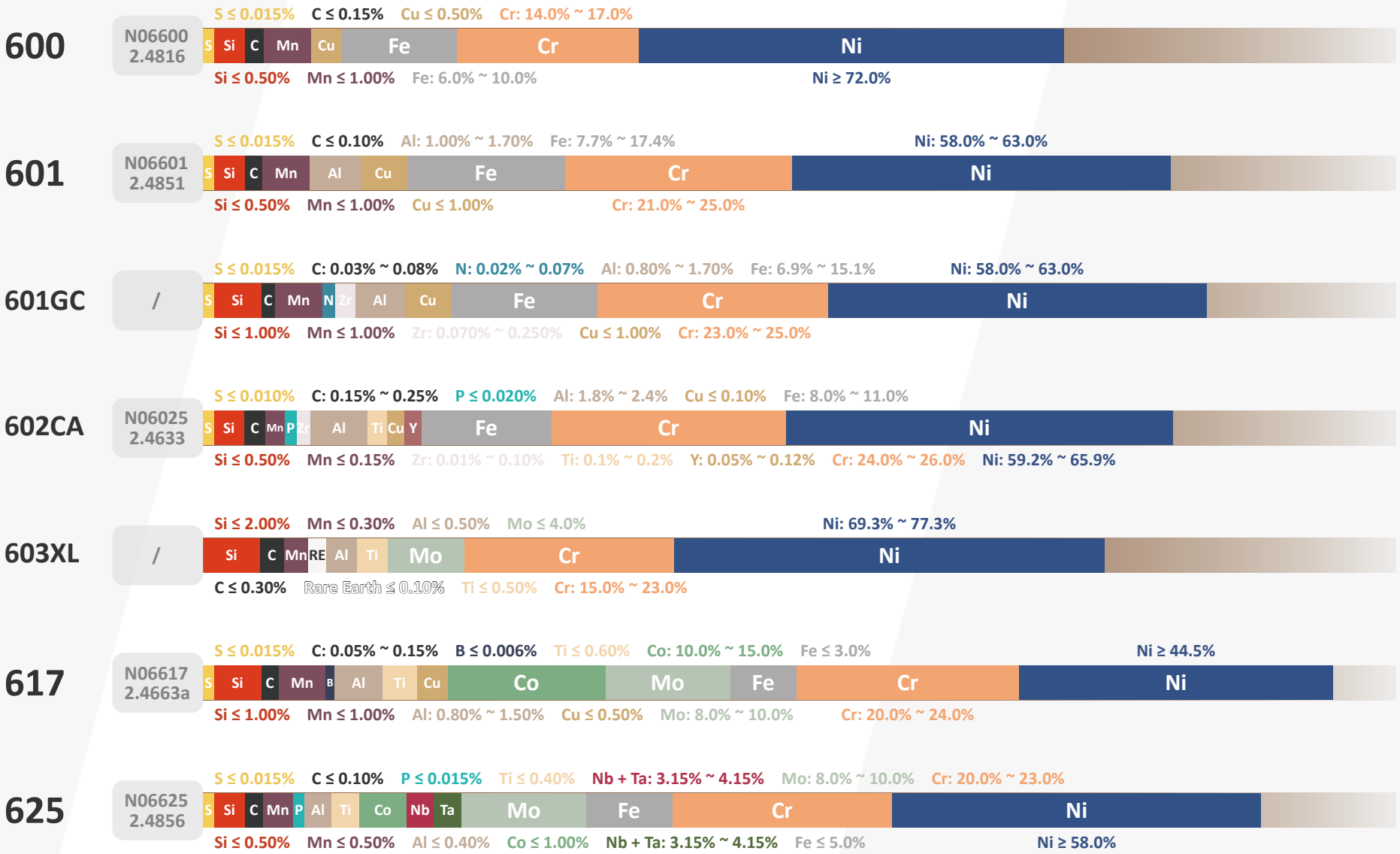


GRADES AVAILABLE

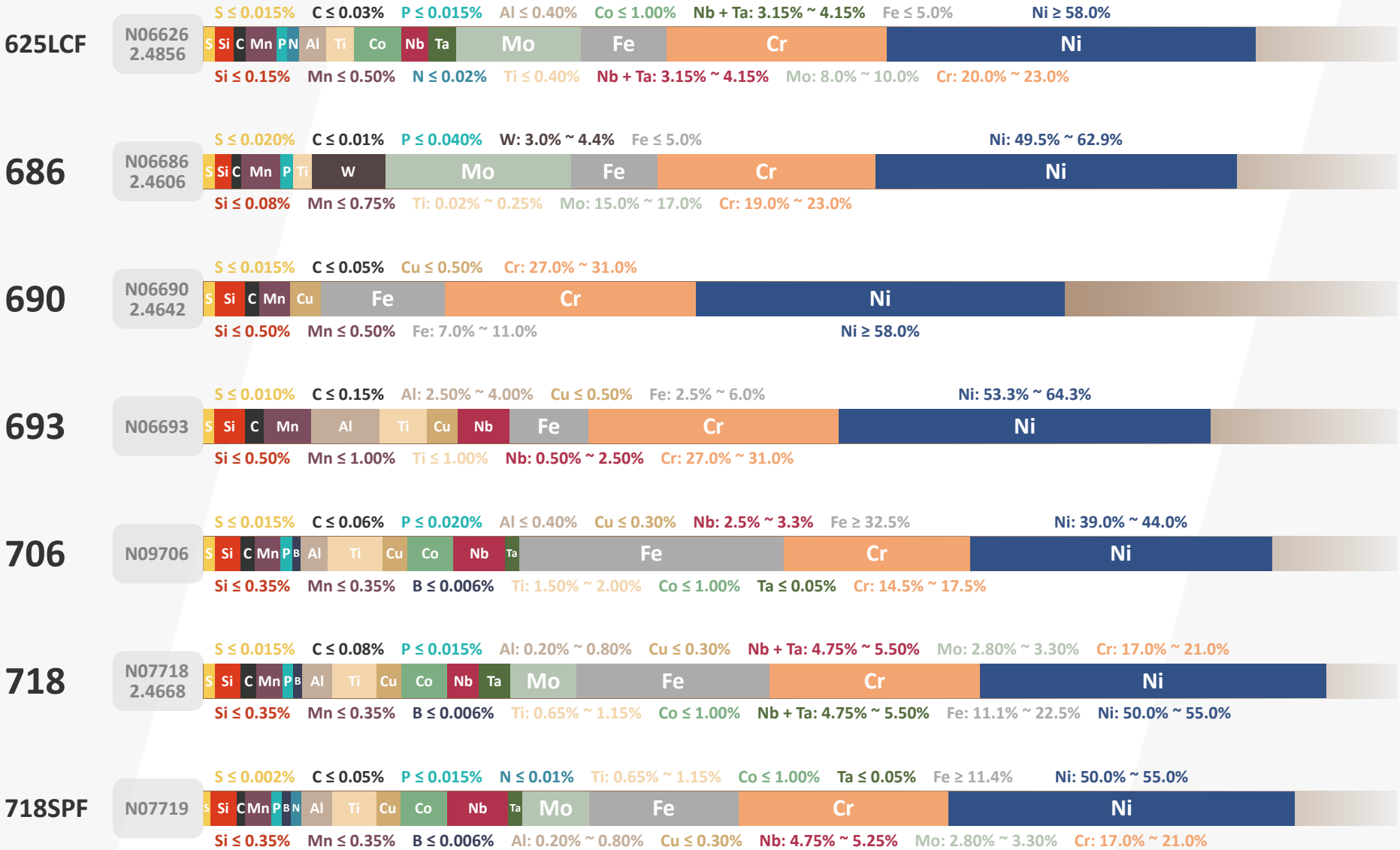
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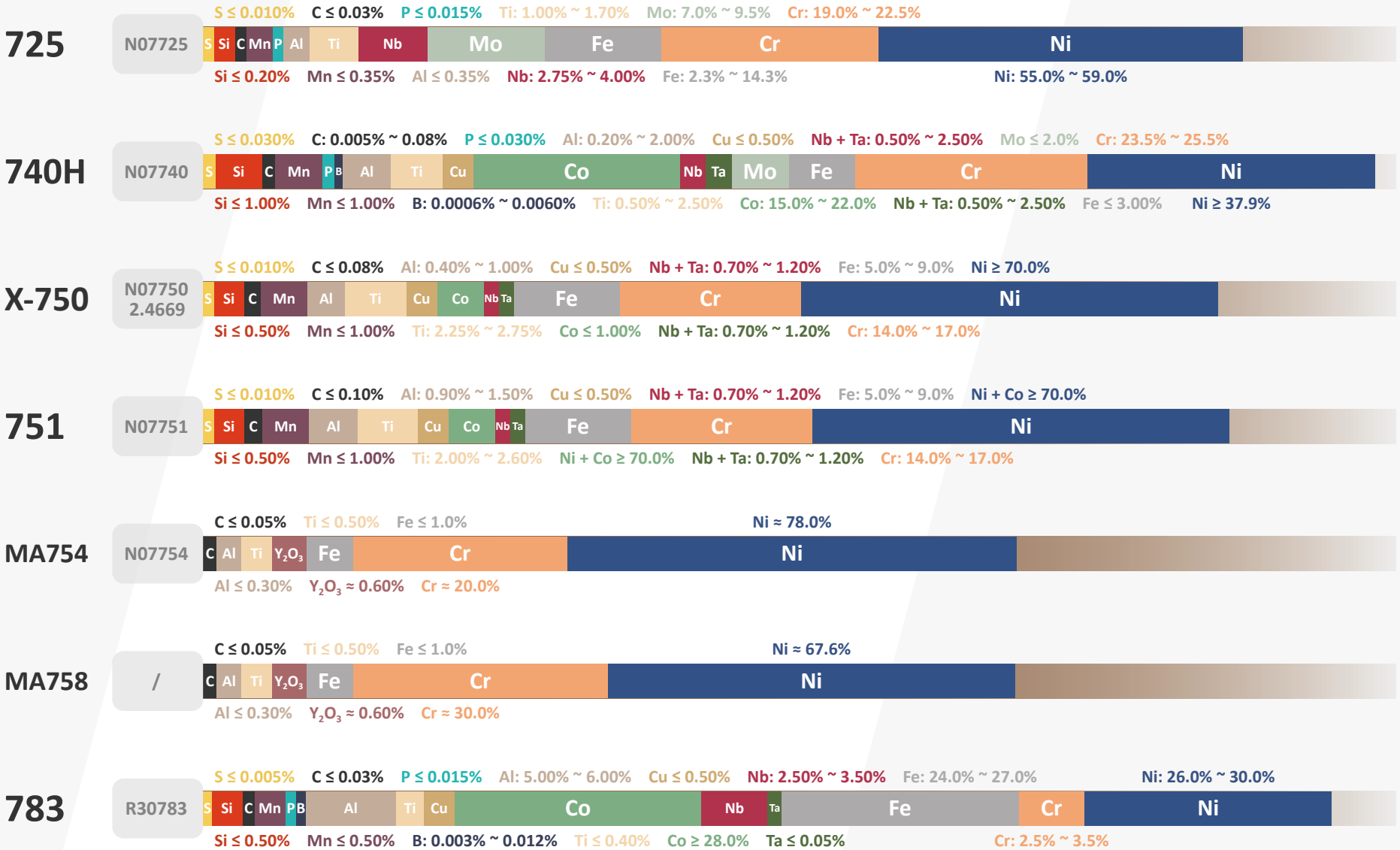
INCONEL



INCONEL

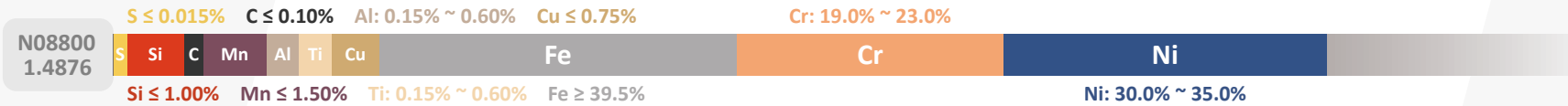


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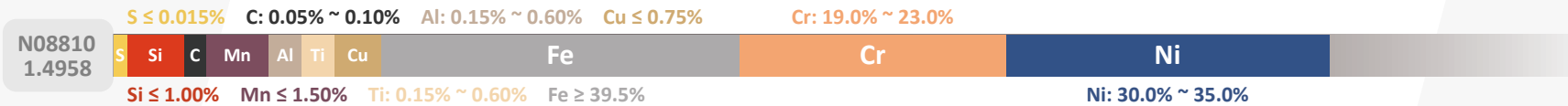


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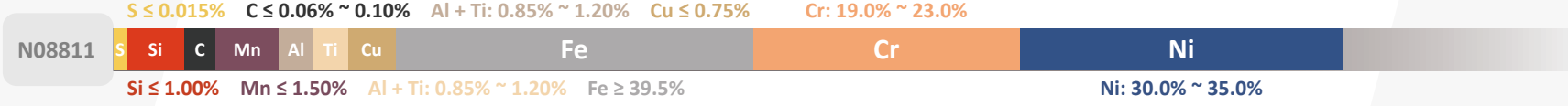
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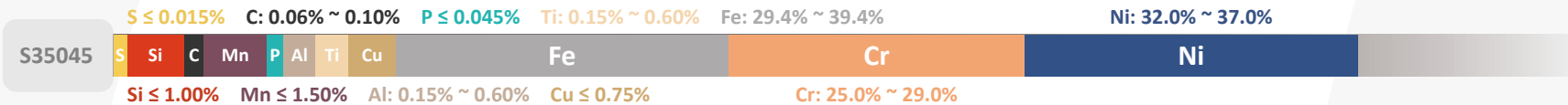
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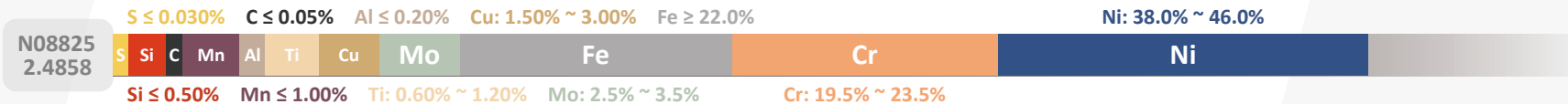
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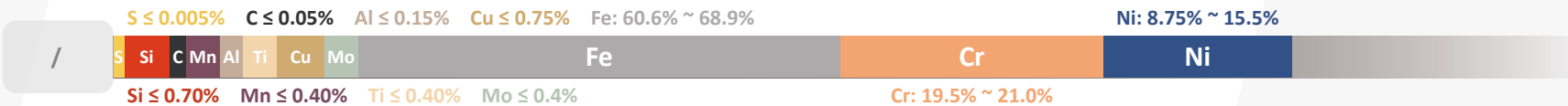
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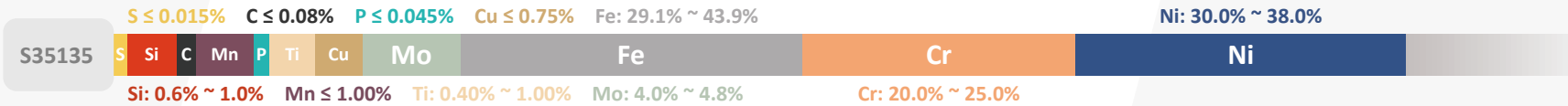


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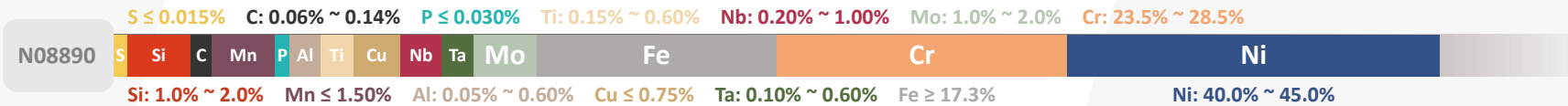


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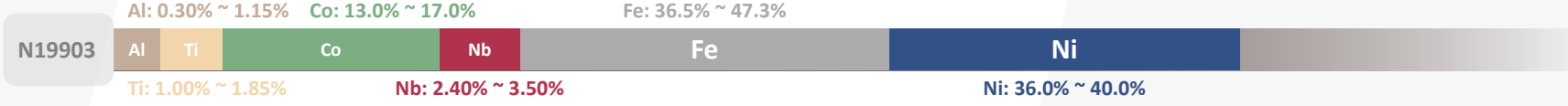
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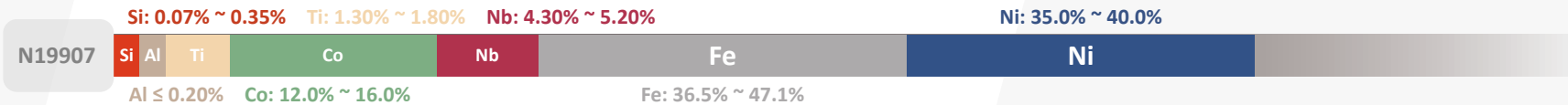
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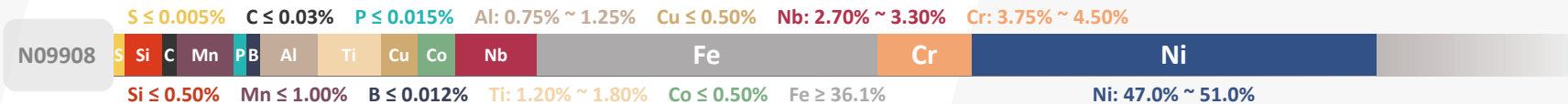
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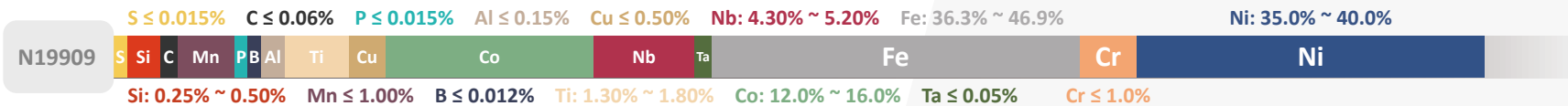
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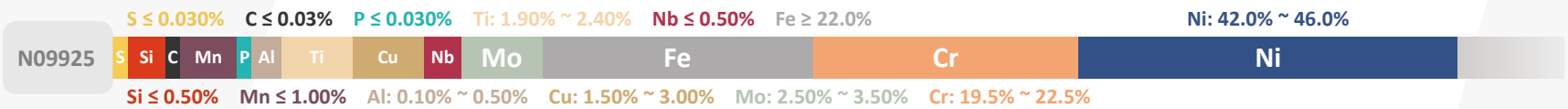


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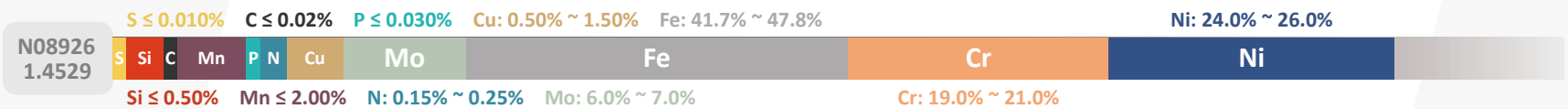


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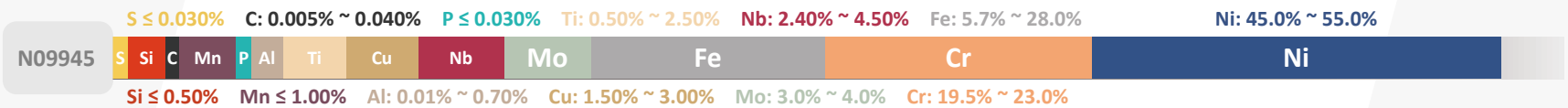
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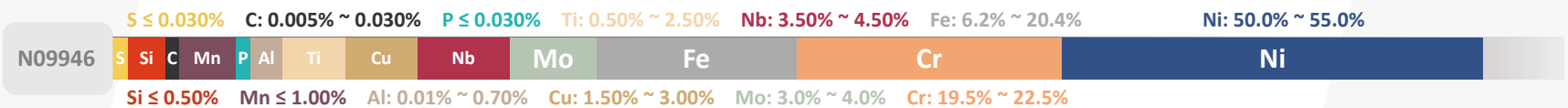
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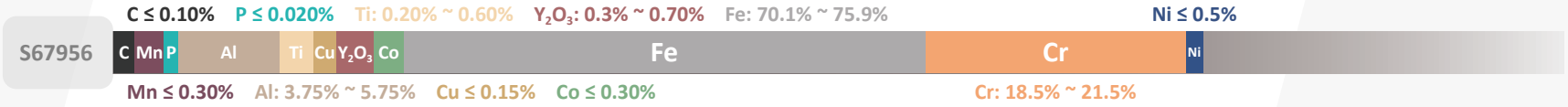
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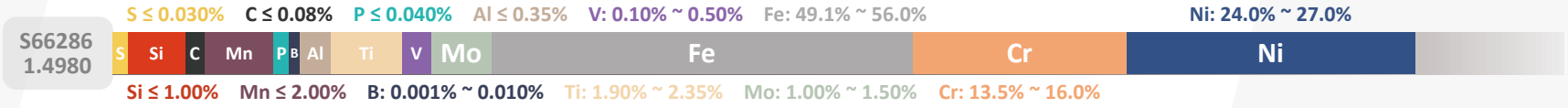
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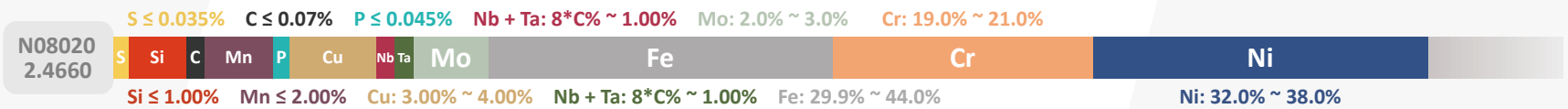


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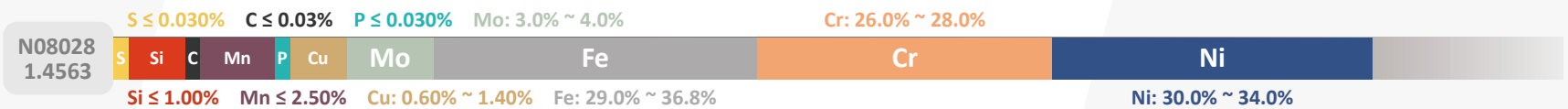


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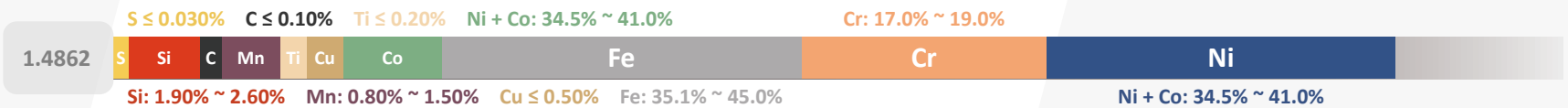
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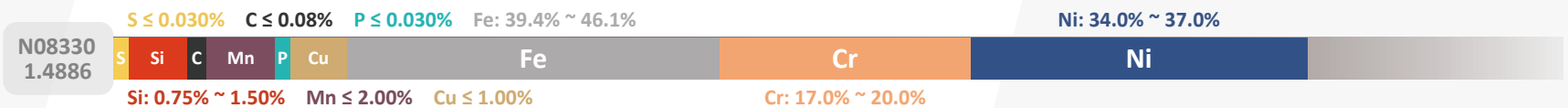
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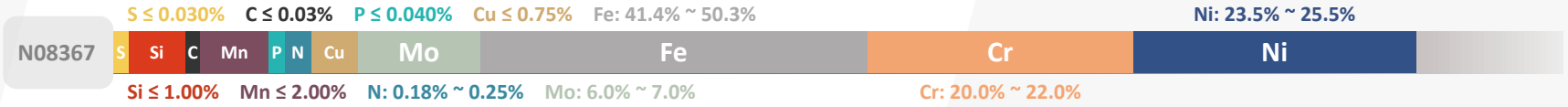
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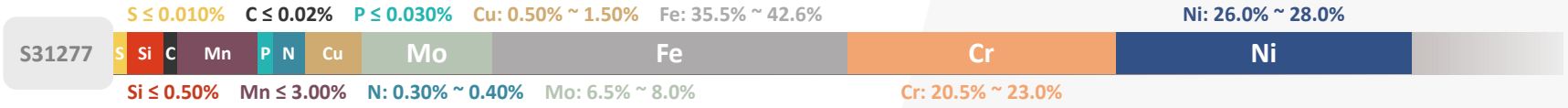
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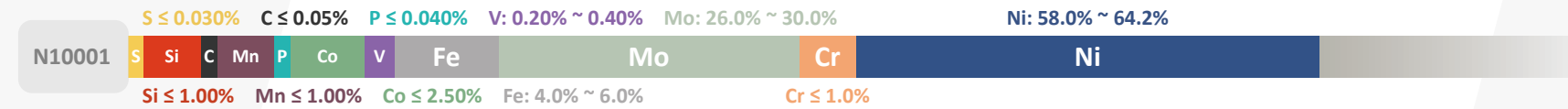


27-7MO

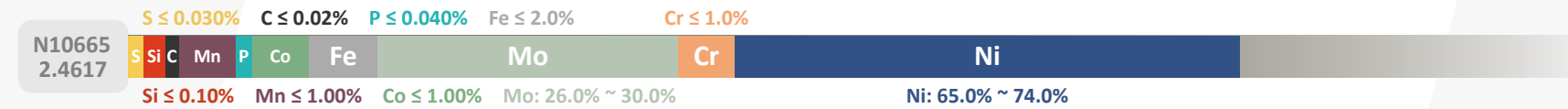


HASTELLOY

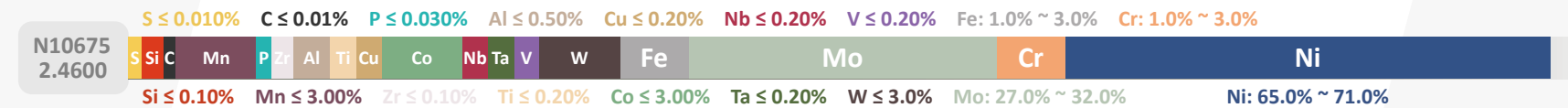
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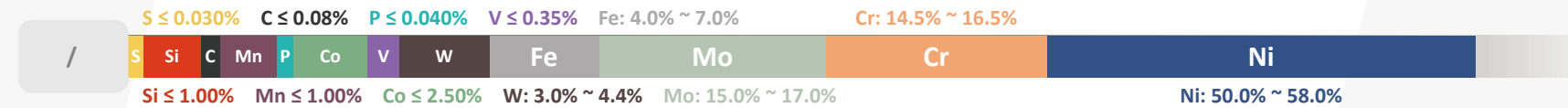
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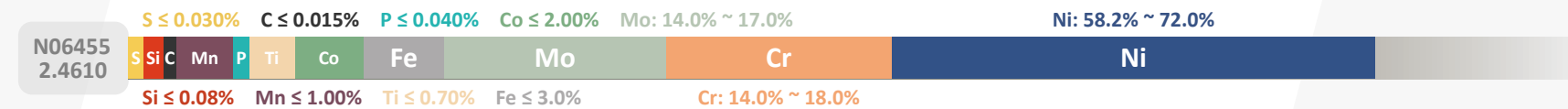
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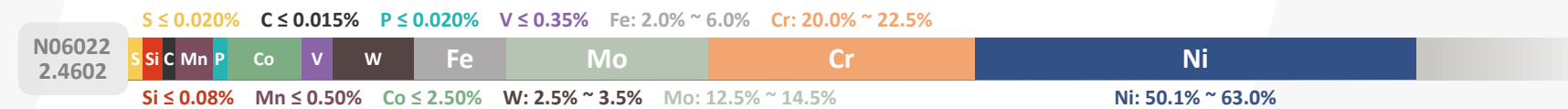
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C-4

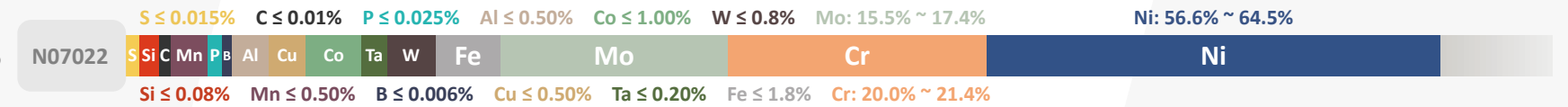


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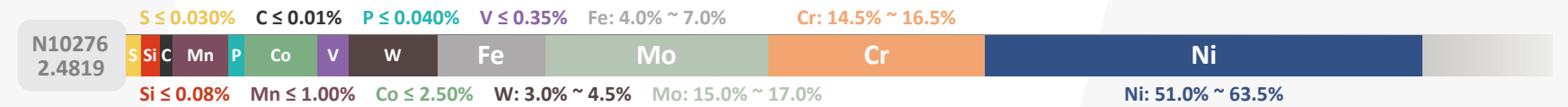


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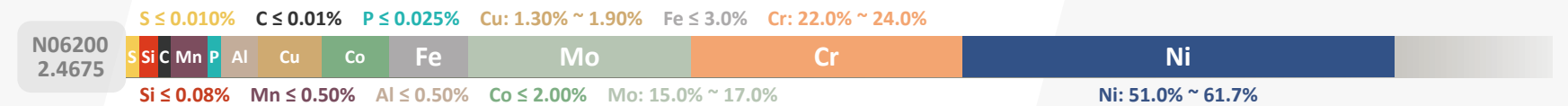
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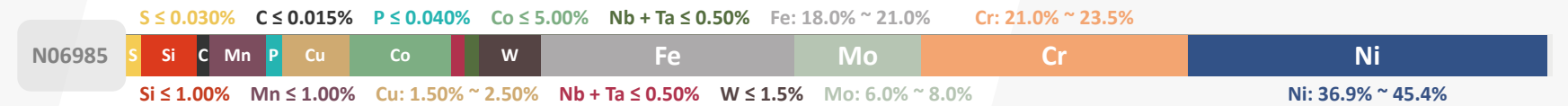
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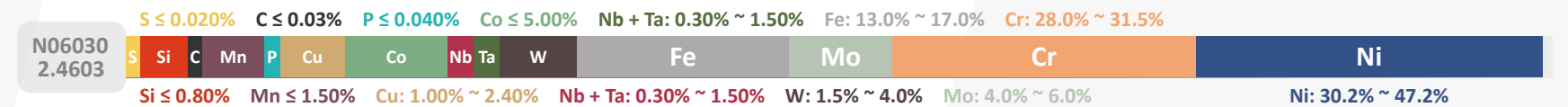
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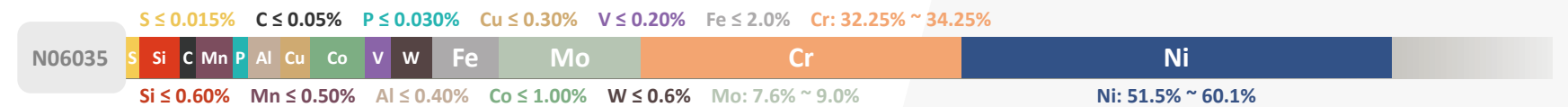
G-3



G-30

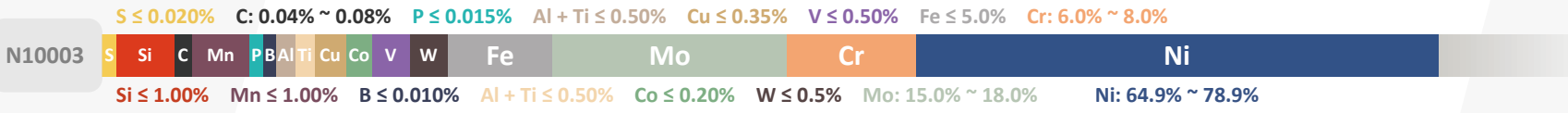


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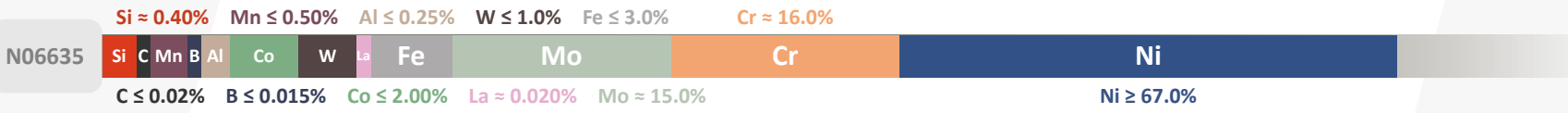


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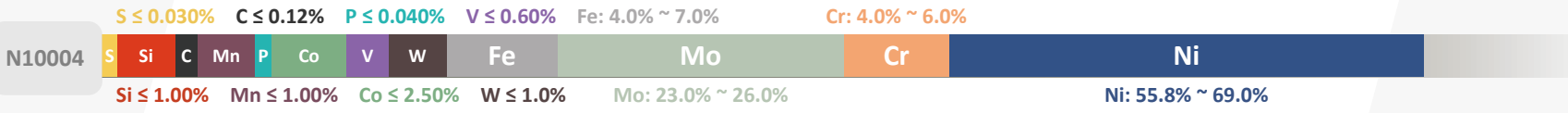
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S



W



X

