



Inconel X750 (GH4145) Nickel Alloy Belt / Strip For Oil And Gas Industry

Our Product Introduction

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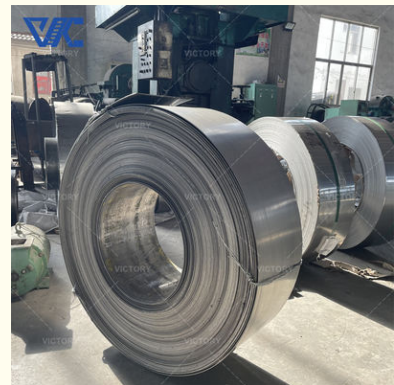
Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001
- Model Number: Inconel X750
- Minimum Order Quantity: 1 Kg
- Price: Negotiable
- Packaging Details: Packed as coil. Special packaging requirements can also be accommodated. OEM is also acceptabl
- Delivery Time: 7 to 20 Days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 100 Ton/Tons per Month



Product Specification

- Product Name: Inconel X750 Strip
- Material: Ni Cr Fe
- Ni (Min): 70-75%
- Density: 8.28g/cm3
- Application: Oil Pipes, Casing, Oil Refining Equipment
- Melting Point: 1393-1427°C
- Tensile Strength: 1034 MPa
- Yield Strength: 827 MPa
- Thermal Expansion Coefficient: 12.6 $\mu\text{m/m}\cdot^\circ\text{C}$
- Highlight: Inconel X750 Strip, GH4145 Nickel Alloy Belt, Inconel X750 Nickel Alloy Strip



More Images



Product Description

Inconel X750 (GH4145) Nickel Alloy Belt / Strip For Oil And Gas Industry

Introduction:

Inconel X750 belt is a high performance alloy widely used in the oil and gas industry. It is composed of elements such as nickel, chromium and iron and has excellent high temperature resistance, corrosion resistance and mechanical properties.

The tape is suitable for use in many areas of the oil and gas industry, including the manufacture of critical components such as oil well drilling rigs, pipes, valves and wellheads. Inconel X750 belts can withstand high temperatures, high pressures and corrosive media in harsh oil and gas environments, ensuring equipment reliability and durability.

Inconel X750 tape has excellent material parameters with a density of 8.28g/cm³ and a melting point between 1393°C and 1427°C. It has excellent tensile strength and is able to withstand the high stress and vibration requirements found in the oil and gas industry. The tensile strength can reach 1034 MPa and the yield strength is 827 MPa, showing excellent mechanical properties.

In addition, Inconel X750 belts also have good corrosion resistance and can withstand corrosive media in the oil and gas industry, such as sour reservoirs and high-sulfur gases. This makes it ideal for critical components in the oil and gas industry, ensuring reliable operation of equipment in harsh environments.

Product Features:

High Temperature Strength: Inconel X750 straps have excellent high temperature strength, allowing them to maintain stable performance in high temperatures and extreme environments.

Corrosion resistance: It has excellent corrosion resistance and can withstand corrosive media and harsh environments in the oil and gas industry.

Antioxidant properties: It has good antioxidant properties and can prevent oxidation and metal corrosion at high temperatures.

Advantage:

High Temperature Durability: Inconel X750 belts are able to withstand high temperature environments during oil and gas extraction and processing, maintaining stable performance and extending equipment life.

Corrosion resistance: It can resist corrosive media in the oil and gas industry, reducing equipment loss and maintenance costs.

Anti-oxidation performance: The anti-oxidation performance of Inconel X750 belt can prevent oxidation and metal corrosion at high temperatures, improving the reliability and safety of the equipment.

Specific applications:

Oil well equipment: Inconel X750 can be used on key components of oil well equipment, such as tubing, casing, valves and wellhead devices, to resist the erosion of high temperatures and corrosive media.

Refining unit: suitable for heat treatment equipment such as heating furnaces, furnace tubes and reactors in refining units, as well as transportation pipes and valves for corrosive media.

Natural gas processing equipment: Inconel X750 belts can be used in compressors, separators and corrosive gas transmission pipelines in natural gas processing equipment.

Other relevant knowledge:

Composition of Inconel X750 alloy: Inconel X750 alloy is mainly composed of alloy elements such as nickel, chromium and titanium. The reasonable ratio of these elements gives the alloy excellent high-temperature strength and corrosion resistance.

Heat Treatment and Processing: Inconel X750 tape typically requires heat treatment to improve its mechanical properties and corrosion resistance. In addition, the alloy can be formed and processed through processes such as cold working and welding to meet the needs of the oil and gas industry.

Safety and Environmental Protection: The use of Inconel X750 belts can improve the safety and reliability of oil and gas industry equipment, reducing the risk of leaks and failures while reducing negative impact on the environment.

Parameter:

Chemical Properties of Inconel X750

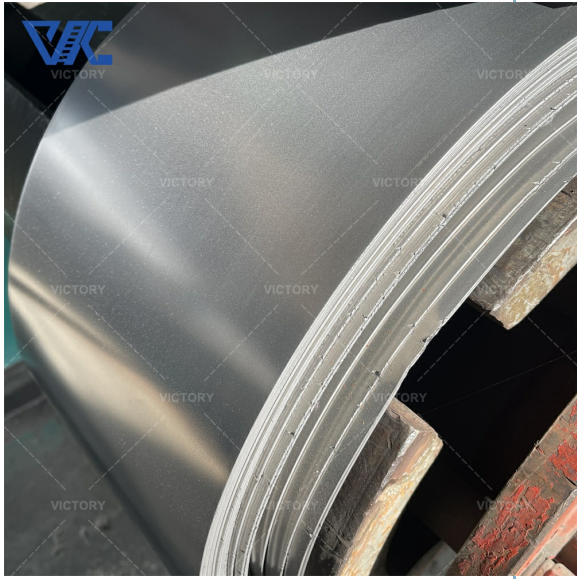
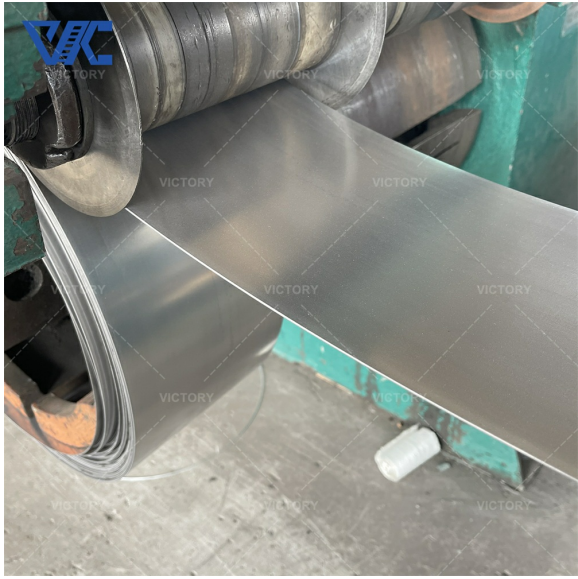
Element	Ni +Co	Cr	Nb	Ti	C	Mn	Si	Cu	Al	S	Iron
Chemical Composition (%)	70% Min	14%-17 %	0.7%-1.2 %	2.25%-2.7 5%	0.08% max	1% max	0.5% max	0.30% max	0.4%-1.0%	0.01% max	5%-9%

Type we could offer

AMS Number	Alloy	Type	UNS	Cross Ref. Spec	Misc./Shape
AMS 5699 wire	Inconel X750	Nickel	N07750		Wire
AMS 5542 Custom Tube	Inconel X750	Nickel	N07750	-	Custom Tube
AMS 5542 Plate	Inconel X750	Nickel	N07750	-	Plate

AMS Number	Alloy	Type	U N S	Cross Ref. Spec	Misc./Shape
AMS 5542 Sheet	Inconel X750	Nickel	N 0 7 7 5 0	-	Sheet
AMS 5542 Strip	Inconel X750	Nickel	N 0 7 7 5 0	-	Strip

contact us
email:victory@dlx-alloy.com
Oem service:
Welcome customized size
We are experience factory for OEM&ODM service



Q & A:

Q: What customization services are available for Inconel X750 Strip to meet different customer requirements?

A: We offer customized dimensions, thicknesses, and surface treatments for Inconel X750 Strip to meet specific customer needs, ensuring it aligns with their design specifications and aesthetic preferences.

Q: Can you provide customization services for heat treatment of Inconel X750 Strip based on customer's specific requirements?

A: Yes, we offer tailored heat treatment services for Inconel X750 Strip, catering to the customer's desired mechanical properties and performance enhancements for their specific applications.



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