



Top Choice Industrial Applications Incoloy Plate

Our Product Introduction

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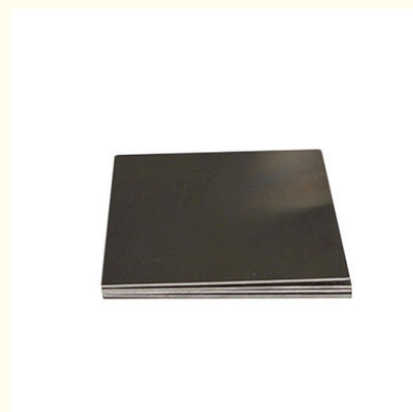
Basic Information

- Place of Origin: China
- Brand Name: Victory
- Model Number: Incoloy Alloy



Product Specification

- Surface: Bright, Oxided
- Type: Nickel Sheet
- Processing Service: Decoiling, Cutting, Bending
- Tensile Strength: 760 MPa
- Tolerance: $\pm 1\%$
- Density: 8.14 G/cm³
- Length: As Your Request
- Coefficient Of Expansion: 14.4 $\mu\text{m/m } ^\circ\text{C}$ (20 – 100 $^\circ\text{C}$)
- Highlight: **Industrial Applications Incoloy Plate,
Top Choice incoloy plate**



Product Description

Product Description:

The Coefficient Of Expansion of the Incoloy Alloy is $14.4 \mu\text{m/m } ^\circ\text{C}$ ($20 - 100^\circ\text{C}$), which means that it has a low thermal expansion coefficient. This makes it an excellent choice for applications that require dimensional stability and precision. The Incoloy Alloy also has a Thermal Conductivity of 11.5 W/m-K , which means that it can conduct heat well. This makes it a suitable material for use in applications that require heat transfer, such as compressor disks.

The Incoloy Alloy is commonly used in machine manufacturing, where it is used to make machine parts that require high strength and durability. It is also used in the production of compressor disks for gas turbines, where its excellent resistance to high temperatures and corrosion makes it an ideal material. The Incoloy Alloy is available in the form of Incoloy Plate, which can be easily cut, bent, and decoiled to meet the specific requirements of different applications.

We offer high-quality Incoloy Alloy products that are manufactured to meet the highest industry standards. We provide a range of processing services, including decoiling, cutting, and bending, to ensure that our customers get the exact products they need for their specific applications. In addition to Incoloy Alloy, we also offer CoCr Alloy and other high-performance alloys that are suitable for a wide range of applications.

Features:

Product Name: Incoloy Alloy

Processing Service: Decoiling, Cutting, Bending

Density: 8.14 G/cm^3

Special Use: Compressor Disks, Machine Manufacturing

Type: Nickel Sheet

Weldability: Good

This Incoloy Alloy product is available in Incoloy Plate form and is made with Inconel 625 and Incoloy 800 Materials.

Technical Parameters:

Technical Parameter	Description
Product Name	Incoloy Alloy
Material Type	Fe-Ni-Cr Alloy
Product Type	Nickel Sheet
Service	OEMODM
Surface	Bright, Oxided
Special Use	Compressor Disks, Machine Manufacturing
Length	As Your Request
Executive Standard	ASTM
High Temperature Performance	Good
Density	8.14 G/cm^3
Tolerance	$\pm 1\%$
Inconel 625 Material	No
Hastelloy Alloy	No
Incoloy Plate	No

Applications:

Incoloy Alloy has excellent high-temperature performance, making it suitable for use in extreme environments. Its strength and corrosion resistance make it ideal for use in chemical and petrochemical processing, power generation, and aerospace applications. The Incoloy Alloy is an excellent choice for applications that require high strength and resistance to corrosion and oxidation.

The executive standard for Victory's Incoloy Alloy is ASTM, which ensures that the product meets the highest quality standards. In addition, the density of this product is 8.14 G/cm^3 , which is relatively lightweight, making it easy to handle and transport.

Victory's Incoloy Alloy is also available for OEMODM services, meaning that it can be customized to meet the specific needs of customers. This product is also commonly used in combination with other alloys, such as Invar Alloy and CuNi Alloy, to create unique materials with specific properties.

Some of the common occasions and scenarios where the Incoloy Alloy is used include:

Heat exchangers

Gas turbine components

Chemical processing equipment

Petrochemical processing equipment

Aerospace applications
High-temperature furnace components
Nuclear power plants
Automotive exhaust systems

Overall, Victory's Incoloy Alloy is a versatile and high-performance metal that is suitable for a wide range of industrial applications. Its excellent thermal and chemical properties make it an ideal choice for use in harsh environments, while its ability to be customized to meet specific customer needs makes it a popular choice for OEM/ODM services.

Customization:

Our Product Customization Services for the Victory Incoloy Alloy (also known as CoCr Alloy, Incoloy 800 Material, Expansion Alloy) from China, include:

Special Use: Compressor Disks, Machine Manufacturing

Thermal Conductivity: 11.5 W/m·K

Processing Service: Decoiling, Cutting, Bending

Weldability: Good

Tensile Strength: 760 MPa

Support and Services:

Incoloy Alloy is a high-performance nickel-chromium-iron alloy that offers excellent resistance to corrosion and high-temperature environments. Our technical support team is available to assist with product selection and provide guidance on material properties, applications, and processing. We also offer a range of services, including material testing, custom fabrication, and just-in-time delivery. Our goal is to provide our customers with the highest quality products and support to meet their specific needs.

Packing and Shipping:

Product Packaging:

The Incoloy Alloy product will be carefully packed in a sturdy wooden crate to protect it during shipping.

The crate will be securely sealed to prevent any damage or exposure to the elements.

Inside the crate, the product will be wrapped in protective foam and/or plastic to further ensure its safety.

Shipping:

The Incoloy Alloy product will be shipped via a reputable carrier that specializes in handling sensitive and valuable items.

The carrier will provide tracking information so that you can monitor the progress of your shipment.

We will notify you once your product has been shipped and provide an estimated delivery date.

Please inspect your product carefully upon arrival and notify us immediately if there are any issues.

FAQ:

Q: What is the brand name of this product?

A: The brand name of this product is Victory.

Q: What is the product model number?

A: The product model number is Incoloy Alloy.

Q: Where is this product made?

A: This product is made in China.

Q: What are the main features of Incoloy Alloy?

A: Incoloy Alloy is a nickel-chromium-iron alloy that is highly resistant to corrosion and oxidation in high-temperature environments. It also has excellent mechanical properties and can withstand high stress and strain.

Q: What industries is Incoloy Alloy commonly used in?

A: Incoloy Alloy is commonly used in industries such as chemical processing, petrochemicals, oil and gas, aerospace, and power generation.



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