



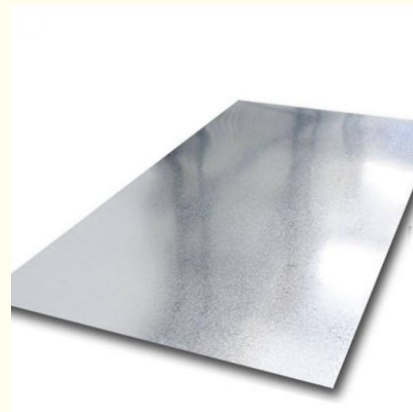
## Good Weldable Nickel Sheet Cocr Alloy / Incoloy Plate for Compressor Disks

Our Product Introduction

for more products please visit us on [victory-alloy.com](http://victory-alloy.com)

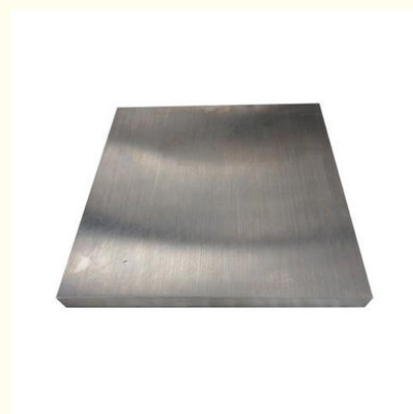
### Basic Information

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



### Product Specification

- Coefficient Of Expansion: 14.4  $\mu\text{m/m } ^\circ\text{C}$  (20 – 100°C)
- Special Use: Compressor Disks, machine Manufacturing
- Weldability: Good
- Type: Nickel Sheet
- Chemical Position: Fe-Ni-Cr Alloy
- Tensile Strength: 760 MPa
- High Temperature Performance: Good
- Sureface: Bright, Oxided
- Highlight: **Nickel Sheet Incoloy Plate,  
Compressor Disks Nickel Sheet Incoloy Plate,  
Good Weldable Nickel Sheet Cocr Alloy**



## Product Description

### Product Description:

One of the standout features of Incoloy Alloy is its ability to maintain its strength and integrity even at temperatures up to 800°C. This makes it an ideal choice for applications in extreme environments, such as chemical processing, power generation, and aerospace. In addition to its high-temperature capabilities, Incoloy Alloy also boasts impressive thermal conductivity, with a rating of 11.5 W/m-K. This makes it a great choice for applications that require efficient heat transfer, such as heat exchangers and furnace components. Another important attribute of Incoloy Alloy is its coefficient of expansion, which is 14.4  $\mu\text{m/m } ^\circ\text{C}$  (20 – 100°C). This means that it has a relatively low rate of expansion and contraction with changes in temperature, making it a stable and reliable material for use in a variety of settings.

At [Company Name], we offer a range of Incoloy products, including Incoloy Plate, which can be customized to meet your specific needs and specifications. Our Incoloy Alloy materials are made to the highest standards and are fully compliant with ASTM executive standard. Whether you're looking for a high-performance alloy material for a specific application or simply want to learn more about the benefits of Incoloy Alloy, our team of experts is here to help. Contact us today to discuss your needs and see how we can assist you.

### Features:

Product Name: Incoloy Alloy

Type: Nickel Sheet

Coefficient Of Expansion: 14.4  $\mu\text{m/m } ^\circ\text{C}$  (20 – 100°C)

Density: 8.14 G/cm<sup>3</sup>

Special Use: Compressor Disks, machine Manufacturing

High Temperature Performance: Good

This product is a type of **Nickel Sheet** known as **Incoloy Alloy**. It has a coefficient of expansion of 14.4  $\mu\text{m/m } ^\circ\text{C}$  (20 – 100°C) and a density of 8.14 G/cm<sup>3</sup>. It is commonly used in the manufacturing of compressor disks and machines. Its high temperature performance is good, making it ideal for applications where heat resistance is important.

Other similar alloys include **CuNi Alloy**, **Expansion Alloy**, and **CoCr Alloy**.

### Technical Parameters:

Product Attribute	Value
Hastelloy Alloy	Incoloy Plate
Inconel 625 Material	N/A
Thermal Conductivity	11.5 W/m-K
Tensile Strength	760 MPa
Length	As Your Request
High Temperature Performance	Good
Tolerance	±1%
Executive Standard	ASTM
Type	Nickel Sheet
Service	OEMODM
Weldability	Good
Density	8.14 G/cm <sup>3</sup>

### Applications:

The Victory Incoloy Alloy has a bright or oxidized surface, which can be tailored to meet the specific needs of the application. This material is ideal for use in compressor disks and machine manufacturing, thanks to its exceptional mechanical properties such as high strength, good ductility, and excellent resistance to corrosion.

The Victory Incoloy Alloy is made using high-quality materials, which makes it a reliable and long-lasting option for various applications. This alloy material is made using a combination of CuNi alloy and Hastelloy alloy, which provides exceptional resistance to corrosion and oxidation even in harsh environments.

The Victory Incoloy Alloy conforms to the ASTM executive standard, which ensures that the material is of high quality and meets industry standards. The length of the material can be customized to meet the specific needs of the application.

In summary, the Victory Incoloy Alloy is a versatile and reliable alloy material that can be used in various industries. Its exceptional properties make it an ideal option for applications that require dimensional stability, high strength, good ductility, and excellent resistance to corrosion. Whether you're in the compressor disk or machine manufacturing industry, the Victory Incoloy Alloy is an excellent choice for your application needs.

## Customization:

Looking for customized products made from Incoloy Alloy? You're in the right place! Our brand, Victory, offers various customization services for our Incoloy Alloy product.

Our Incoloy Alloy comes in different materials such as Incoloy 800, Inconel 625, and Hastelloy Alloy, depending on your specific needs and requirements.

Our Incoloy Alloy is made in China and has a density of 8.14 G/cm<sup>3</sup>, a thermal conductivity of 11.5 W/m·K, and a tensile strength of 760 MPa. It is commonly used for compressor disks and machine manufacturing.

Contact us today to learn more about our customization services for Incoloy Alloy and how we can help meet your unique needs.

## Support and Services:

The Incoloy Alloy product line offers a range of technical support and services to ensure optimal performance and longevity, including:

Product selection assistance to determine the best alloy for your specific application needs

Material testing and analysis to ensure quality and consistency

Custom alloy design and development for unique applications

Technical consultation and troubleshooting to assist with any issues or concerns

Training and education on proper handling, maintenance, and installation

Warranty and repair services to address any defects or damages

## FAQ:

Q: What is the brand name of this product?

A: The brand name is Victory.

Q: What is the model number of this product?

A: The model number is Incoloy Alloy.

Q: Where is this product made?

A: This product is made in China.

Q: What are some of the key features of this product?

A: Incoloy Alloy is a high-performance alloy that is highly resistant to corrosion, oxidation, and high temperatures. It is commonly used in applications where extreme conditions are present.

Q: What kind of applications is this product suitable for?

A: Incoloy Alloy is commonly used in the aerospace, chemical processing, and power generation industries, as well as in other applications where extreme conditions are present.



Changzhou Victory Technology Co., Ltd



+8619906119641



victory@dlx-alloy.com



victory-alloy.com

NO.32 West Taihu Road, Xinbei District, Changzhou, Jiangsu