



ASTM Standard Heat Resistant Incoloy 800HT Alloy Strip

Our Product Introduction

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Basic Information

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



Product Specification

- Executive Standard: ASTM
- Chemical Position: Fe-Ni-Cr Alloy
- Coefficient Of Thermal Expansion: 13.9 $\mu\text{m/m}\cdot\text{K}$
- Tensile Strength: 590 MPa
- Tolerance: $\pm 1\%$
- Processing Service: Decoiling, Cutting, Bending
- Special Use: Compressor Disks, machine Manufacturing
- Surface: Bright
- Highlight: Heat Resistant Incoloy 800HT Alloy Strip,
ASTM Standard Incoloy 800HT Alloy Strip,
Incoloy 800HT Alloy Strip



Product Description

Product Description:

One of the notable features of our Incoloy Strip product is its tolerance of $\pm 1\%$. This means that our customers can expect a consistent thickness and width of the strip, which is crucial in applications where precision is necessary. Another important attribute of the Incoloy Strip is its low coefficient of thermal expansion, which is measured at $13.9 \mu\text{m/m}\cdot\text{K}$. This feature is crucial in applications where the strip will be exposed to high temperatures as it ensures that the strip will maintain its shape and size even under extreme conditions.

The Incoloy Strip also boasts a high thermal conductivity of $11.5 \text{ W/m}\cdot\text{K}$. This makes it an ideal material for applications where heat dissipation is necessary, such as in heat exchangers and furnace components. Moreover, the Incoloy Strip has a tensile strength of 590 MPa, which makes it a strong and durable material that can withstand heavy loads and stress. Additionally, the Incoloy Strip has an elongation of 40%, which means that it can be easily formed and shaped without cracking or breaking.

In summary, our Incoloy Strip product is a type of Hot Rolled Steel Strip that is made from Incoloy 800 H. It is known for its exceptional resistance to high temperatures, corrosion, and oxidation. It has a tolerance of $\pm 1\%$, a low coefficient of thermal expansion of $13.9 \mu\text{m/m}\cdot\text{K}$, a high thermal conductivity of $11.5 \text{ W/m}\cdot\text{K}$, a tensile strength of 590 MPa, and an elongation of 40%. These features make it an ideal material for industries that require materials that can withstand harsh and extreme environments.

Features:

Product Name: Incoloy Strip

Shape: Strip

Chemical Composition: Fe-Ni-Cr Alloy

Tolerance: $\pm 1\%$

Elongation: 40%

Machinability: Fair

Other options: Aluminum Strip, Hot Rolled Steel Strip, Alloy Steel Strip

Technical Parameters:

Product Name	Incoloy 800 H Strip
Surface	Bright
Coefficient Of Thermal Expansion	$13.9 \mu\text{m/m}\cdot\text{K}$
Tensile Strength	590 MPa
Tolerance	$\pm 1\%$
Weldability	Good
Thermal Conductivity	$11.5 \text{ W/m}\cdot\text{K}$
Special Use	Compressor Disks, Machine Manufacturing
Shape	Strip
Service	OEMODM
Machinability	Fair

Applications:

The Incoloy Strip is commonly used in heat exchangers, furnace components, and petrochemical processing equipment. Due to its high tensile strength of 590 MPa and thermal conductivity of $11.5 \text{ W/m}\cdot\text{K}$, it is also used in high-temperature applications such as gas turbines, nuclear power plants, and aerospace industries.

The Incoloy Strip can be customized to fit specific requirements. Processing services such as decoiling, cutting, and bending are available, making it adaptable to various applications.

Typical scenarios where the Incoloy Strip can be used include power generation, oil and gas production, and chemical processing. It is also suitable for high-temperature applications in which other materials may fail, making it a reliable choice in critical situations.

In conclusion, the Incoloy Strip, or Incoloy 800 Material, is a versatile and reliable product with excellent corrosion resistance, high tensile strength, and thermal conductivity. Its processing services and customization options make it adaptable to various applications, making it a popular choice in industries such as power generation, oil and gas production, and chemical processing.

Support and Services:

Our Incoloy Strip product comes with technical support and services to ensure customer satisfaction. Our team of experts is available to provide technical assistance and answer any questions related to the product's specifications, performance, and applications.

We also offer a range of services including product customization, material testing, and quality control measures to ensure the product meets your specific requirements. Our knowledgeable technicians and engineers are dedicated to providing the highest level of service and support to our customers.

In addition, we offer training and education programs to help our customers get the most out of our Incoloy Strip product. Our programs cover topics such as installation, maintenance, and troubleshooting to help you optimize the performance and lifespan of your product.

Packing and Shipping:

Product Packaging:

The Incoloy Strip will be packed in rolls of 50-100 meters each depending on the size ordered.

The rolls will then be wrapped in plastic and placed in a corrugated cardboard box for added protection during shipping.

The box will be labeled clearly with the product name, size, and quantity.

Shipping:

The Incoloy Strip will be shipped via a reliable courier service to ensure timely delivery.

Shipping fees will be calculated based on the weight and destination of the package.

Customers will receive a tracking number to monitor the progress of their shipment.

FAQ:

Q: What is the brand name of this product?

A: The brand name of this product is Victory.

Q: What is the model number of this product?

A: The model number of this product is Incoloy Strip.

Q: Where is this product manufactured?

A: This product is manufactured in China JiangSu.

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

A: This product is made of Incoloy, which is a type of nickel-chromium alloy. It is known for its high temperature strength and resistance to corrosion and oxidation.

Q: What applications is this product suitable for?

A: This product is commonly used in high-temperature applications such as furnace heating elements, heat treatment baskets, and thermocouple protection tubes.



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