



2205 Stainless Steel Plates And Alloy Tubes Excellent Corrosion Resistance

Our Product Introduction

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Basic Information

- Place of Origin: China JiangSu
- Brand Name: Victory
- Model Number: High Temperature Alloy
- Minimum Order Quantity: 5
- Delivery Time: 5-7 Days



Product Specification

- Elongation: $\geq 30\%$
- Weldability: Good
- Creep Resistance: Excellent
- Technique: Hot Rolled
- Item Name: 2205 Stainless Plate
- Annealed: 700 – 800N/mm²
- Corrosion Resistance: Excellent
- Shape: Tube
- Highlight: **Corrosion Resistance 2205 stainless steel tube ,
Excellent 2205 stainless steel tube,
Alloy 2205 stainless steel tube**

Product Description

Product Description:

One of the most significant advantages of high temperature alloy is its excellent weldability. This property makes it easy to join pieces of metal together without compromising the integrity of the alloy. High temperature alloy can be welded using various methods, including gas tungsten arc welding, gas metal arc welding, and resistance welding.

The density of high temperature alloy typically ranges between 8.2-9.4 G/cm³, depending on the specific composition of the alloy. This density makes it a suitable material for applications that require a high strength-to-weight ratio.

Another crucial property of high temperature alloy is its thermal expansion. Its thermal expansion coefficient is typically $11.2 \times 10^{-6}/K$, which means that it expands and contracts at a predictable rate when exposed to temperature changes. This property makes it an ideal material for applications that require stability and predictability in high-temperature environments.

The annealed strength of high temperature alloy ranges from 700 – 800N/mm², which is relatively high compared to other materials.

Annealing is a process where the alloy is heated to a specific temperature and then cooled slowly to reduce its hardness and increase its ductility. This process makes the alloy more malleable and easier to work with.

Lastly, high temperature alloy offers excellent corrosion resistance. It is highly resistant to corrosion from various chemicals and environments, making it an ideal material for applications that require exposure to corrosive materials. This property is particularly useful in the chemical and petrochemical industries, where exposure to corrosive chemicals is common.

High temperature alloy is available in various forms, including hot-rolled alloy steel, high temperature alloy wire, and sheet metal. These different forms allow the alloy to be used in various applications, depending on the specific needs of the industry. In summary, high temperature alloy is an essential material that provides exceptional properties such as high-temperature resistance, weldability, density, thermal expansion, annealed strength, and corrosion resistance. Its versatility and reliability make it a popular choice in various industries.

Applications:

The raw materials used in the production of Victory High Temperature Alloy are Ni63%, CR21-25%, and Fe10-15%. These materials are carefully selected to ensure that the alloy has the desired properties, including high strength, good toughness, and excellent resistance to corrosion and oxidation.

The annealing process used in the production of this alloy is done at 700 – 800N/mm², which further enhances its strength and toughness. The alloy is available in various shapes, including tubes, making it suitable for a wide range of applications.

One of the most common applications of Victory High Temperature Alloy is in the manufacturing of 2205 Stainless Plate. This product is used in various industries, including the chemical, petrochemical, and oil and gas industries, where it is required to withstand high temperatures and corrosive environments.

The high-temperature resistance of this alloy makes it suitable for use in the production of furnace components, heat exchangers, and other high-temperature equipment. Its excellent resistance to corrosion and oxidation makes it ideal for use in the production of chemical processing equipment and pipelines.

In conclusion, Victory High Temperature Alloy is an excellent choice for anyone looking for a strong and durable alloy that can withstand high temperatures and corrosive environments. Its hot-rolled alloy steel technique and carefully selected raw materials ensure that it has the desired properties, while its availability in various shapes makes it suitable for a wide range of applications.

Customization:

Our brand Victory offers customizable services for our High Temperature Alloy product, which is a hard metal alloy that can withstand high temperatures. The model number for this product is High Temperature Alloy. It is made in China JiangSu and has excellent corrosion resistance.

The minimum order quantity for this product is 5, and the delivery time is 5-7 days. The length of the product can be customized according to your requirements. The density of this alloy is between 8.2-9.4 G/cm³.

The raw materials used to make this product include Ni63%, CR21-25%, and Fe10-15%. The item name for this specific product is 2205 Stainless Plate.

If you need High Temperature Alloy Wire, we can offer customization services for that as well. Contact us to discuss your specific requirements and we will work with you to create a product that meets your needs.

Support and Services:

The High Temperature Alloy product is backed by our team of experienced engineers and technical experts, who are always available to provide technical support and services to our customers. Our technical support team is equipped to handle any inquiries related to product selection, application design, installation, and maintenance.

In addition, we offer a range of services to ensure our customers get the most out of their High Temperature Alloy product, including:

Custom alloy design and development

Material testing and analysis

Product optimization and performance evaluation

Technical training and education

On-site technical support and troubleshooting

Our commitment to providing exceptional technical support and services sets us apart from our competitors and ensures that our customers receive the best possible support throughout the entire product lifecycle.

Packing and Shipping:

Product Packaging:

The High Temperature Alloy product will be packed in a sturdy cardboard box to ensure safe transportation and delivery.

The box will be labeled with the product name, quantity, and any necessary handling instructions.

The product will be securely wrapped in bubble wrap or foam to prevent any damage during transit.

Shipping:

The High Temperature Alloy product will be shipped via a reputable carrier that specializes in transporting sensitive and valuable goods.

The carrier will provide a tracking number so that the package can be monitored during transit.

The estimated delivery time will depend on the destination and shipping method chosen.

Customers can choose to expedite shipping for an additional cost.

FAQ:

Q: What is the brand name of the high temperature alloy product?

A: The brand name of the high temperature alloy product is Victory

Q: What is the model number of the high temperature alloy product?

A: The model number of the high temperature alloy product is High Temperature Alloy

Q: Where is the high temperature alloy product manufactured?

A: The high temperature alloy product is manufactured in China JiangSu

Q: What is the minimum order quantity for the high temperature alloy product?

A: The minimum order quantity for the high temperature alloy product is 5 units

Q: What is the estimated delivery time for the high temperature alloy product?

A: The estimated delivery time for the high temperature alloy product is 5-7 days



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