



## High Temperature Wire Ultimate Solution For Industrial Applications

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

- Creep Resistance: Excellent
- Elongation:  $\geq 30\%$
- Length: As Required
- Grade: Ni Cr Fe Mo Nb
- Oxidation Resistance: Excellent
- Shape: Wire
- Density: 8.2-9.4 G/cm<sup>3</sup>
- Thermal Expansion: 11.2×10<sup>-6</sup>/K
- Highlight: **High Temperature Industrial Wire, Industrial High Temperature Wire**



## Product Description

### Product Description:

One of the key features of this Alloy Steel Metal is its good Weldability. It can be easily welded without any loss of strength or ductility. This makes it an ideal choice for applications that require welding, such as the fabrication of tube assemblies and other complex structures.

The density of the High Temperature Alloy ranges from 8.2 to 9.4 G/cm<sup>3</sup>, which is relatively low compared to other high-temperature alloys. This makes it lightweight and easy to handle, which is a crucial factor in industries where the weight of the material can affect the performance of the equipment.

The High Temperature Alloy is also known for its excellent Oxidation Resistance property. It can withstand high-temperature environments without any significant loss of strength or corrosion resistance. This makes it an ideal choice for applications that require high-temperature resistance, such as furnace components, heat exchangers, and gas turbine components.

The High Temperature Alloy is annealed at a temperature range of 700 – 800N/mm<sup>2</sup>. This process helps to improve the material's ductility and toughness, making it more resistant to cracking and deformation under high-stress conditions.

Overall, the High Temperature Alloy is a versatile and reliable material that offers excellent high-temperature resistance, good weldability, low density, and excellent oxidation resistance. If you are looking for a high-quality Alloy Steel Metal that can withstand extreme temperatures and high-stress environments, then the High Temperature Alloy is an excellent choice.

### Features:

Product Name: High Temperature Alloy

Length: As Required

Elongation: ≥ 30%

Weldability: Good

Thermal Expansion: 11.2×10<sup>-6</sup>/K

Item Name: 2205 Stainless Wire

Features: Hard Metal Alloys, Alloy Tool Steel, Corrosion Resistant Alloys

### Technical Parameters:

Product Attribute	Value
Product Type	High Temperature Alloy
Length	As Required
Weldability	Good
Elongation	≥ 30%
Density	8.2-9.4 G/cm <sup>3</sup>
Technique	Hot Rolled
Oxidation Resistance	Excellent
Thermal Expansion	11.2×10 <sup>-6</sup> /K
Annealed	700 – 800N/mm <sup>2</sup>
Grade	Ni Cr Fe Mo Nb
Corrosion Resistance	Excellent
Product Category	Alloy Steel Metal

### Applications:

One of the key benefits of the Victory High Temperature Alloy is its excellent corrosion resistance. This makes it an ideal choice for use in applications where it will be exposed to harsh chemicals or other corrosive substances. Additionally, the alloy's thermal expansion rate of 11.2×10<sup>-6</sup>/K makes it ideal for use in environments where temperature fluctuations are common.

The Victory High Temperature Alloy is manufactured using a hot rolled technique, which ensures that the alloy has a high level of strength and durability. It is also annealed at a temperature of 700 – 800N/mm<sup>2</sup>, which further enhances its strength and makes it resistant to deformation and cracking.

Some of the most common applications for the Victory High Temperature Alloy include use in the manufacturing of furnace components, heat exchangers, and high temperature gaskets and seals. Additionally, it is often used in the aerospace and automotive industries, where it is used to manufacture high temperature engine components and other critical parts.

The Victory High Temperature Alloy is proudly made in China JiangSu and has a minimum order quantity of 5. Delivery time is typically 5-7 days, making it easy to get the materials you need when you need them. Whether you are looking for a durable, high temperature resistant alloy for industrial or commercial applications, the Victory High Temperature Alloy is an excellent choice.

## Customization:

Brand Name: Victory

Model Number: High Temperature Alloy

Place of Origin: China JiangSu

Minimum Order Quantity: 5

Delivery Time: 5-7 Days

Elongation:  $\geq 30\%$

Grade: Ni Cr Fe Mo Nb

Weldability: Good

Raw Materials: NI63%,CR21-25%,Fe10-15%

Density: 8.2-9.4 G/cm<sup>3</sup>

Trust Victory's High Temperature Alloy for your needs in high temperature applications. Contact us now to discuss your customization requirements!

## Support and Services:

Our High Temperature Alloy product is designed to withstand extreme environments and provide superior performance in high temperature applications.

Our technical support team is available to assist you with any questions or concerns you may have regarding the use and maintenance of our product. We offer comprehensive services including:

Product selection guidance

Installation support

Customized product solutions

Product testing and analysis

Technical troubleshooting

Product repair and refurbishment services

We are committed to ensuring the highest level of customer satisfaction and strive to provide timely and effective support to our customers.

## Packing and Shipping:

Product Packaging:

The High Temperature Alloy product will be packaged in a sturdy cardboard box.

The box will be sealed with strong adhesive tape to prevent any damage during transit.

The product will be wrapped with bubble wrap or foam to provide additional protection.

The box will be labeled with the product name, quantity, and any other necessary information.

Shipping:

The product will be shipped via a reputable carrier to ensure timely and safe delivery.

The shipping cost will be calculated based on the weight and destination of the package.

Tracking information will be provided once the package is shipped.

If there are any issues with the delivery, please contact us immediately so we can assist you.

## FAQ:

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

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

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

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

**Q:** Where is the high temperature alloy produced?

**A:** The high temperature alloy is produced in China JiangSu.

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

**A:** The minimum order quantity for the high temperature alloy is 5.

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

**A:** The delivery time for the high temperature alloy is 5-7 days.



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