



Ni95Al5 TaFA75B Nickel Based Thermal Spray Wire With 48.26 N/mm² Bonding Strength

Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: ISO SGS
- Model Number: Thermal Spray Wire



Product Specification

- Highlight: Ni95Al5 Thermal Spray Wire,
Nickel Based Thermal Spray Wire,
TaFA75B Thermal Spray Wire



Product Description

Product Description:

The coating hardness of the Thermal Spray Wire product is HRB 75, which means that it is extremely durable and can withstand a lot of wear and tear. This makes it perfect for use in applications where abrasion resistance is important. The product has excellent corrosion resistance, which means that it can withstand exposure to harsh environments without deteriorating. This makes it ideal for use in marine and industrial applications.

The melting point of the Thermal Spray Wire product is 1455°C, which means that it can withstand high temperatures without melting or deteriorating. This makes it perfect for use in applications where high temperatures are present. The deposit rate of the product is 10 Lbs/hr/100A, which means that it can be sprayed quickly and efficiently, which saves time and money.

The tensile strength of the Thermal Spray Wire product is ≥ 600 MPa, which means that it is strong and can withstand a lot of pressure. This makes it ideal for use in applications where strength is important. The product is easy to use and can be applied quickly and efficiently, which makes it perfect for use in a variety of applications.

In conclusion, the Thermal Spray Wire product is a high-quality coating wire that is perfect for use in a variety of industries. It is made of Ni95Al5 TaFA75B, which is a combination of nickel and aluminum that makes it highly resistant to wear and tear. The product has excellent physical and mechanical properties, including a coating hardness of HRB 75, excellent corrosion resistance, a melting point of 1455°C, a deposit rate of 10 Lbs/hr/100A, and a tensile strength of ≥ 600 MPa. It is a reliable and cost-effective solution for all your thermal spraying needs.

Applications:

The Thermal Spray Wire is commonly used for thermal spray welding applications. It is an effective way to apply a protective layer to a surface, as the wire is melted and sprayed onto the surface using a thermal spray gun. The wire can be used to protect surfaces from corrosion, wear, and erosion. The wire has excellent bonding strength, with a strength of 48.26 N/mm². The Victory Thermal Spray Wire is also used for nickel aluminium spraying applications. The Ni95Al5 wire is a popular choice for this application, as it is a nickel alloy that has a high resistance to corrosion and oxidation. The wire can be used to protect surfaces in harsh environments, such as those found in the chemical and petrochemical industries.

The wire's smooth and clean surface finish makes it easy to work with and ensures that the final product has a high-quality appearance. Its excellent bonding strength ensures that the protective layer will adhere to the surface effectively, providing long-lasting protection.

The Victory Thermal Spray Wire is manufactured in China and meets international quality standards. It is suitable for use in a variety of industries, including aerospace, automotive, marine, and oil and gas. The wire's versatility and durability make it an ideal choice for many different applications.

In summary, the Victory Thermal Spray Wire is a high-performance product that is widely used in various industries. Its excellent bonding strength, smooth and clean surface finish, and resistance to corrosion and wear make it a popular choice for thermal spray welding and nickel aluminium spraying applications. Its versatility and durability make it an excellent investment for any business that requires a high-quality protective layer for their surfaces.

Support and Services:

Our Thermal Spray Wire product is backed by our expert technical support and services team.

We offer:

Technical assistance with product selection and applications

Training and certification programs for operators and technicians

On-site start-up and optimization services

Equipment repair and maintenance services

Material testing and analysis services

Our team is dedicated to ensuring the success of your thermal spray wire applications and providing the highest level of customer satisfaction.

Packing and Shipping:

Product Packaging:

Thermal spray wire is packed in spools or coils, depending on the diameter and quantity ordered.

The spools are wrapped in bubble wrap or plastic to protect them during shipping.

The spools are then placed in a sturdy cardboard box with additional padding to prevent any damage during transportation.

Shipping:

We offer worldwide shipping for our thermal spray wire products.

Shipping rates and delivery times vary depending on the destination and shipping method chosen by the customer.

We work with reputable shipping companies to ensure that the products are delivered safely and on time.

Customers will receive a tracking number once the order has been shipped, so they can monitor the status of their delivery.

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 Thermal Spray Wire.

Q: Where is this product manufactured?

A: This product is made in China.

Q: What is the diameter range of the wire?

A: The diameter range of the wire is 1.2mm to 3.2mm.

Q: What materials can this wire be used to spray onto surfaces?

A: This wire can be used to spray onto surfaces made of metals, ceramics, and plastics.



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