



## ASTM B551 Zn Flame Arc Coating Thermal Spray Wire Pure Zinc Wire For Construction Industry

Our Product Introduction

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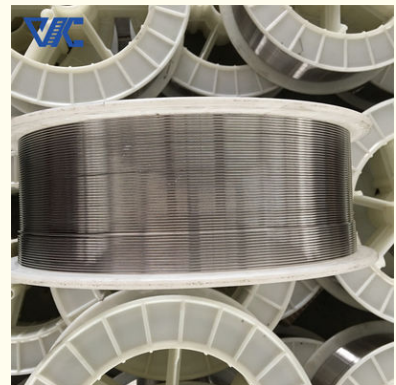
### Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001
- Model Number: Zinc Wire
- Minimum Order Quantity: 5 Kg
- Price: Negotiable
- Packaging Details: Packed on white ABS spool and packed with plastic film,in cartoon boxes. Special packaging requirements can also be accommodated. OEM is also acceptable.
- Supply Ability: 10 Ton/Tons per Month

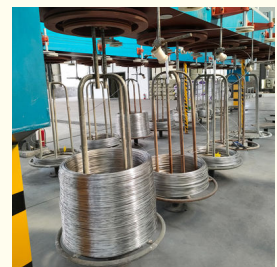


### Product Specification

- Name: Pure Zinc Wire
- Type: Zinc Wire
- Zn (Min): 99.99%
- Application: Thermal Spraying For Construction Industry
- Standard: ASTM B551
- Color: Bright
- Resistivity: Stable
- Size: Customized
- Highlight: Ultra Thin Stainless Steel Welding Wire, Stainless Steel Welding Wire SS316L, AiSi Stainless Steel Flexible Wire



### More Images



### Product Description

**Introduction:**

Pure zinc wire plays an important role in the construction industry, and its excellent performance makes it an important component of various building materials. As a high-purity zinc material, pure zinc wire has excellent corrosion resistance and processing performance, suitable for the manufacturing and processing of various building structures and components. Its excellent performance and diverse applications provide important support for the design, manufacturing, and decoration of building structures, helping the development and innovation of the construction industry.

**Parameter:**

Product name	Diameter	Package	Zinc content	Application
Zinc wire	Φ1.3mm	25kg/Barrel package;15-18kg/Axle package;50-200/Diameter	≥99.9953	Applicable to ductile pipes, power capacitors, power towel,towel, container, derrick, bridges gate, tunnel framework, metal stents, large steel structure surface thermal spraying zinc corrosion protection industry.
	Φ1.6mm	25kg/Barrel package;15-18kg/Axle package;50-200/Diameter	≥99.9953	
	Φ2.0mm	25kg/Barrel package;15-18kg/Axle package;50-200/Diameter	≥99.9953	
	Φ2.3mm	25kg/Barrel package;15-18kg/Axle package;50-200/Diameter	≥99.9953	
	Φ2.8mm	25kg/Barrel package;15-18kg/Axle package;50-200/Diameter	≥99.9953	
	Φ3.0mm	25kg/Barrel package;15-18kg/Axle package;50-200/Diameter	≥99.9953	
	Φ3.175mm	250kg/Diameter	≥99.9953	
	Φ4.0mm	200kg/Diameter	≥99.9953	

**Chemical Composition, %**

Chemical composition	Zn	CD	Pb	Fe	Cu	Total non-zinc
Nominal value	≥99.995	≤0.002	≤0.003	≤0.002	≤0.001	0.005
Actual value	99.9957	0.0017	0.0015	0.0008	0.0003	0.0043

Term	Specification
Tensile strength M PA	115±10
Elongation %	45±5
melting point	419
Density G/M3	7.14

**Typical Deposit Characteristics:**

Typical Hardness	70 RB
Bond Strength	1200 psi
Deposit Rate	24 lbs/hr/100A
Deposit Efficiency	70%
Machineability	Good

**Feature:**

**Corrosion resistance:** Pure zinc wire has excellent corrosion resistance and can maintain good performance under various environmental conditions, extending the service life of building structures and components.

**Plasticity:** Pure zinc wire is easy to process into various shapes and sizes, suitable for the needs of different building structures and components, improving the adaptability and flexibility of building materials.

**Environmental friendliness:** Pure zinc wire is an environmentally friendly material with good recyclability and reusability, which meets the requirements of modern building materials for environmental performance.

**Application:**

**Roof material:** Pure zinc wire is commonly used in the manufacturing of roof materials, such as metal roof tiles, roof drainage systems, etc., providing excellent waterproof and anti-corrosion performance.

**Building structure:** Pure zinc wire can be used for the reinforcement and connection of building structures, such as connectors and support systems in steel structures, to improve the stability and safety of building structures.

**Decorative components:** Pure zinc wire is commonly used as a material for decorative components in exterior walls, railings, doors and windows, providing a beautiful appearance and long-lasting performance.



#### Q&A:

Q: What are the advantages of pure zinc wire in building roofing materials?

Answer: Pure zinc wire has excellent corrosion resistance and plasticity in building roof materials, providing excellent waterproof and anti-corrosion performance. At the same time, it is easy to process into various shapes to meet the needs of different roof structures.

Q: What is the role of pure zinc wire in strengthening and connecting building structures?

Answer: Pure zinc wire can be used for reinforcement and connection in building structures. Its excellent corrosion resistance and strength can improve the stability and safety of building structures, ensuring their long-term reliable operation.

Q: What are the specific applications of pure zinc wire in building exterior wall decoration?

Answer: Pure zinc wire is often used in the decoration of building exterior walls to make decorative components such as railings, doors and windows. Its corrosion resistance and aesthetics can provide long-lasting decorative effects, adding beauty and fashion to the appearance of the building.



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