



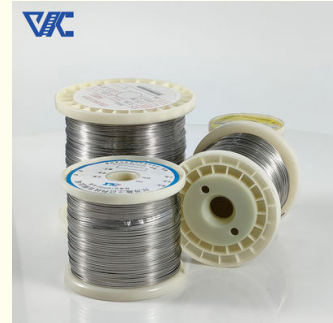
B/R/S Type Platinum Rhodium Thermocouple Bare Wire 0.3mm / 0.4mm / 0.5mm

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE, ROHS, ISO 9001
- Model Number: K, N, E, J, T, B, R, S Types
- Minimum Order Quantity: 5 Kg
- Price: 5 - 499 kilograms \$35.00
- Packaging Details: Thermocouple wire are rolled on ABS white spool and packed with plastic film, in cartoon boxes. Special packaging requirements can also be accommodated. OEM is also acceptable
- Delivery Time: 5-21 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month

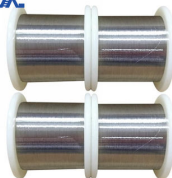


Product Specification

- Product Name: Thermocouple Bare Wire
- Temperature Range: -58 To 2700F (-50 To 1480C)
- EMF Tolerance: +/- 1.5C Or +/- .25%
- Diameter: 0.12-8mm
- Temperature: Max 1300°C
- Density: 7.4g/cm³
- Resistivity: 1.35±0.06
- Tensile Strength: 600-700 Mpa
- Conductor Type: Solid
- Condition: Soft Annealed
- Size: Customized Size
- Application: Cable & Wire
- Highlight: 0.4mm Platinum Rhodium Thermocouple Bare Wire
,
0.3mm Platinum Rhodium Thermocouple Bare



More Images



Product Description

The Thermocouple bare wire product series provides a variety of models and specifications, including K-type, J-type, T-type and E-type. Each model features a different combination of metals to accommodate different temperature ranges and environmental conditions.

These Thermocouple bare wires have high-precision temperature measurement capabilities and are typically able to achieve low temperature deviations. They have fast response speed and can accurately capture temperature changes, providing reliable data for real-time temperature monitoring and control.

Thermocouple bare wire is also flexible and customizable. They are usually in the form of exposed wires that can be easily bent, cut and installed where the temperature needs to be measured. In

Our Product Introduction

addition, depending on the specific needs, options such as different lengths, diameters and connectors are available to meet the requirements of specific applications.

Code	Wire Component of the thermocouple	
	+Positive leg	- Negative Leg
N	Ni-Cr-Si(NP)	Ni-Si-magnesium (NN)
K	Ni-Cr(KP)	Ni-Al(Si) (KN)
E	Ni-Cr(EP)	Cu-Ni (EN)
J	Iron (JP)	Cu-Ni (JN)
T	Copper (TP)	Cu-Ni (TN)
B	Platinum Rhodium-30%	Platinum Rhodium -6%
R	Platinum Rhodium-13%	Platinum
S	Platinum Rhodium -10%	Platinum
ASTM	(American Society for Testing and Materials) E 230	
ANSI	(American National Standard Institute) MC 96.1	
IEC	(European Standard by the International Electrotechnical Commission 584)-1/2/3	
DIN	(Deutsche Industrie Normen) EN 60584-1/2	
BS	(British Standards) 4937.1041, EN 60584-1/2	
NF	(Norme Francaise) EN 60584-1/2-NFC 42323-NFC 42324	
JIS	(Japanese Industrial Standards) C 1602-C 1610	
GOST	(Unification of the Russian Specifications) 3044	

Using Occasion of Different Thermocouple			
Thermocouple Type		Working Atmosphere	Working Temperature
Type K	KP	Oxidizing	-200 to +1200°C
	KN	Inert	
Type K	NP	Oxidizing	-200 to +1200°C
	NN	Oxidizing	
Type K	EP	Oxidizing	-200 to +900°C
	EN	Oxidizing	
Type K	JP	Oxidizing(use in high temp)	-40 to +750°C
	JN	Reducing, Inert, Vacuum	
Type K	TP	Oxidizing, Vacuum	-200 to +350°C
	TN	Reducing, Vacuum	



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