



## Nickel Based Alloy Strip Nickel Copper Monel K500 Strip Price

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001
- Model Number: Monel K500
- Minimum Order Quantity: 5 Kg
- Price: 2 - 99 kilograms \$35.00
- Packaging Details: 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: Monel K500 Strip
- Material: Nickel Base Alloy
- Nickel(Min): 63%
- Resistance ( $\mu\Omega\cdot m$ ): Stable
- Powder Or Not: Not Powder
- Ultimate Strength ( $\geq MPa$ ): 480
- Elongation ( $\geq \%$ ): 35%
- Surface: Bright,Oxided
- Density: 8.83 G/cm<sup>3</sup>
- Melting: 1300-1390°C
- Size: Customized
- Highlight: **Monel Nickel Based Alloy Strip,  
Resistance Monel Alloy Strips,  
Ni Based Monel Alloy Strips**



Our Product Introduction

### Product Description

#### Introduction:

1. Monel K500 strip - a reliable choice for medical devices
2. Monel K500 tape is widely used in the field of medical devices.
3. Its excellent corrosion resistance and biocompatibility make it a reliable material for medical devices.
4. Whether in surgical instruments, implants or dental equipment, Monel K500 tape provides reliable performance, ensuring the success of medical procedures and patient safety.

#### Applications:

1. Heat Exchanger: Monel K500 strip is suitable for corrosion resistance and high temperature requirements in heat exchange equipment such as heat exchanger tube bundles and plate heat exchangers.

2. Automotive industry: Monel K500 strip can be used in automotive parts such as automotive exhaust systems, braking systems and fuel delivery systems, providing high strength and corrosion resistance.

3. Marine engineering: Monel K500 strips can be used in marine engineering projects with corrosion resistance and high strength requirements such as offshore platforms, subsea pipelines and ship parts.

#### Parameter:

Item	Ni	Cu	Al	Ti	Fe	Mn	S	C	Si
Monel K500	≥63	27-33	2.3-3.15	0.35-0.85	≤2	≤1.5	≤0.01	≤0.25	≤0.5

Item	Density	Melting point	Tensile Strength	Yield Strength	Elongation
Monel K500	8.05 g/cm3	1288-1343°C	1100	790	20%

Monel K500	Bar/Rod	Forging	Pipe	Sheet/Strip	Welding Wire
Standard	ASTM B864	AMS4676	ASTM B865	ASTM B564	ErNiCu-7



Shape	Size(mm)
Wire	0.15-7.5
Rod/Bar	8.0-200
Strip	(0.5-2.5)*(5-180)
Plate	custom made



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