



Manufacturer Supplies Copper-Nickel Alloy Pipe Monel 400 K500 Alloy Tube

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001
- Model Number: Monel 400/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 Tube
- 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%
- Sureface: Bright,Oxided
- Density: 8.83 G/cm³
- Melting: 1300-1390°C
- Size: Customized
- Highlight: **Monel 400 Nickel Alloy Pipe, Nickel Based Monel 400 Pipe**



More Images



Product Description

Monel Tube, also known as Monel K500 Tube, is a high-performance alloy tube using the grade Monel K500. It is a nickel-copper-based alloy containing alloying elements such as aluminum and titanium that provides excellent corrosion resistance and mechanical properties.

Monel K500 Tube is known for its excellent corrosion resistance. It can resist corrosion from corrosive media such as seawater, hydrochloric acid, sulfuric acid and chloride, while maintaining stable performance in high temperature environments. This makes it widely used in fields such as marine engineering, chemical industry and petroleum industry.

| | | | | | | | | |
|-----------|-----|-------|------|----|------|------|-------|---|
| Item | Ni | Cu | Fe | Mn | C | Si | S | |
| Monel 400 | ≥63 | 28-34 | ≤2.5 | ≤2 | ≤0.3 | ≤0.5 | ≤0.01 | |
| | | | | | | | | |
| Item | Ni | Cu | Al | Ti | Fe | Mn | S | C |

| | | | | | | | | |
|------------|------------|---------------|------------------|----------------|--------------|------|-------|-------|
| Monel K500 | ≥63 | 27-33 | 2.3-3.15 | 0.35-0.85 | ≤2 | ≤1.5 | ≤0.01 | ≤0.25 |
| Item | Density | Melting point | Tensile Strength | Yield Strength | Elongation | | | |
| Monel 400 | 8.83 g/cm3 | 1300-1390°C | 480 | 170 | 35% | | | |
| Item | Density | Melting point | Tensile Strength | Yield Strength | Elongation | | | |
| Monel K500 | 8.05 g/cm3 | 1288-1343°C | 1100 | 790 | 20% | | | |
| Monel 400 | Bar/Rod | Forging | Pipe | Sheet/Strip | Welding Wire | | | |
| Standard | ASTM B164 | ASTM B564 | ASTM B165 | ASTM B127 | ErNiCu-7 | | | |
| 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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