



H60 Copper Round Pipe Tube 42.2mm OD ASTM 4.85mm 3m Length Purple Color

Our Product Introduction

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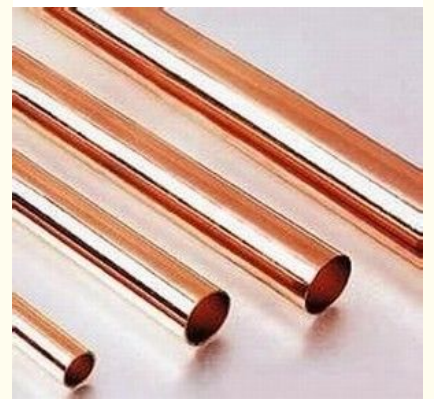
Basic Information

- Place of Origin: Jiangsu
- Brand Name: Hailian
- Model Number: H60
- Minimum Order Quantity: 1 ton
- Price: Negotiation
- Packaging Details: Standard seaworthy packing
- Delivery Time: 3 - 5 work days
- Payment Terms: L/C, T/T
- Supply Ability: 10000 ton per month



Product Specification

- Name: H60 Copper Pipe
- Grade: H60
- OD: 42.2mm
- Type: Pipes
- Thickness: 4.85mm
- Material: Copper
- Color: Purple
- Application: Construction Use
- Standard: ASTM
- Surface: Bright
- Highlight: **H60 Copper Round Pipe Tube,
Copper Round Pipe Tube 42.2mm,
ASTM Copper Round Pipe Tube**



Product Description

H60 Copper Round Pipe 42.2mm OD ASTM 4.85mm 3m Length Thickness Purple Color

Product Description

α single-phase brass (from H96 to H65) has good plasticity and can withstand hot and cold processing, but α single-phase brass is prone to moderate temperature brittleness during hot processing such as forging. The specific temperature range varies with the amount of Zn, generally between 200 and 700°C. Therefore, the temperature should be higher than 700°C during hot working. The reason for the occurrence of mid-temperature brittle zone in single-phase α -brass is that there exist two ordered compounds, Cu₃Zn and Cu₉Zn, in the α -phase zone of Cu-Zn alloy system. In addition, trace harmful impurities of lead and bismuth in the alloy form low melting point eutectic films with copper, which are distributed on the grain boundary, resulting in intergranular fracture during hot working. The practice shows that adding a trace of cerium can effectively eliminate the middle temperature brittleness.

In two-phase brass (from H63 to H59), in addition to α phase with good plasticity, β solid solution based on electronic compound CuZn appears in the alloy structure. The β phase has high plasticity at high temperature, while the β' phase (ordered solid solution) at low temperature is hard and brittle. Therefore (α + β) brass should be forged in hot state. β brass with zinc content of more than 46% ~ 50% can not be processed by pressure because of its hard and brittle properties.

For alpha brass, both σ_b and δ increase with the increase of zinc content. For (α + β) brass, the strength at room temperature increases until the zinc content increases to about 45%. If the zinc content is further increased, the strength of the alloy decreases sharply due to the appearance of more brittle γ phase (solid solution based on Cu₅Zn₈ compound) in the microstructure. The room temperature ductility of (α + β) brass decreases with the increase of zinc content. So the copper zinc alloy containing more than 45% zinc has no practical value.

Common brass has a wide range of uses, such as water tank belt, water supply and drainage pipes, MEDALS, bellows, serpentine pipes, condensing pipes, shells and various shapes of complex punch products, hardware and so on. With the increase of zinc content from H63 to H59, they are well able to withstand hot processing, mostly used in mechanical and electrical parts, stamping parts and Musical Instruments.



Product Properties

Product Name	Copper Pipe
Material	T1,T2,C10100,C10200,C10300,C10400,C10500,C10700,C10800,C10910,C10920,TP1,TP2,C10930,C11000,C11300,C11400,C11500,C11600,C12000,C12200,C12300,TU1,TU2,C12500,C14200,C14420,C14500,C14510,C14520,C14530,C17200,C19200,C21000,C23000,C26000,C27000,C27400,C28000,C33000,C33200,C37000,C44300,C44400,C44500,C60800,C63020,C65500,C68700,C70400,C70600,C70620,C71000,C71500,C71520,C71640,C72200,C83600/C93200,C62900/C95400/C95500/CuAl10Fe5Ni5,H59,H62,H65,H70

Standard	GB/T17791-2007,GB/T1527-2006, GB/T18033-2007, YS/T450-2002ASTM B280,ASTM B68,ASTM B75,ASTM B88 EN12735,AS1571,JIS H3300
Shape	Round,Square,Rectangular,Oval,Half-Round
Temper	Soft (M), half soft (M2) and half hard (Y2)
Application	Water tube, Air condition or Refrigerator, Water heater Water and Heater Tube,Condenser,Industry Electric appliance,Machinery and etc

Company Profile

Shandong Hailian Steel Group has deeply engaged in Chinese domestic market for over 10 years. We established perfect reputation and deep co-operations with large number of reliable partners. Our high-tech factory and well-trained workers are able to manufacture best quality and highly customized metal products. The professional sales team guarantees the perfect trading experience with Hailian.

The goal of Hailian is doing our best to offer our clients best service and product quality with lowest price. We are looking forward to deal business with you!

FAQ

1.What products and materials do you supply?

Our company mainly supplies all catalogs and all grades of steel and stainless steel products. Coils, strips, sheet, pipes, bars, beams, flanges and other customized products. Tin coating, Ti coating, galvanization and other surface treatments are also available.

Other than steel products, we also has high production capacity and holds large ready stock of all kinds of copper and aluminum products. Please feel free to consult us about any related products above, we can surely meet your requirements.

2.Which payment method can I choose?

Our company accepts all types of secured payment methods. Bank transaction, Trading Assurance, Paypal and etc are all available from us. Please feel free to contact us about your preferred payment method.

3.Is customization available?

Our factory's expert equipment and highly-trained workers are capable of manufacturing highly customized products. Please feel free to discuss with us about your customized requirements, we can surely meet your needs.



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