Wall Thickness 1mm to 10mm Hydraulic Steel Pipe with Painted Finish for Long Lasting Service in Seamless Hydraulic Pipe Systems

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Zhengshen
- Certification: ISO, GOST
- Minimum Order Quantity: 1ton
- Price: USD500-700
- Packaging Details: Bundle
- Delivery Time: UPTO THE QUANTITY
- Payment Terms: T/T,L/C
- Supply Ability: 10000TONS PER MONTH



Product Specification

- Tensilestrength: ≥ 700 MPa
- Wall Thickness: Varies Depending On Size
- Surfacetreatment: Galvanized, Painted, Or Blackened
- Pressure Rating: High
- Yieldstrength: ≥ 500 MPa
- Tensile Strength: Varies Depending On Size
- Connection Type: Threaded Or Welded
- Length: 6m Standard, Customizable
- Highlight: **Wall Thickness Hydraulic Steel Pipe**, **Painted Finish Seamless Hydraulic Pipe**, **Long Lasting Service Hydraulic Steel Tube**



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Our Product Introduction

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Product Description

Product Overview

The Hydraulic Steel Pipe is a high-performance product engineered specifically for hydraulic systems where reliability, durability, and efficiency are paramount. Designed to meet the demanding requirements of hydraulic applications, this pipe offers exceptional corrosion resistance and a high-pressure rating, making it an ideal choice for industries ranging from construction and manufacturing to automotive and aerospace.

One of the standout features of this pipe is its superior corrosion resistance. Hydraulic pipes are often exposed to various fluids and environmental conditions that can lead to corrosion and eventual failure. This hydraulic steel tube is manufactured using advanced materials and processes that significantly enhance its ability to withstand corrosive elements, extending system lifespan and reducing maintenance costs. The high corrosion resistance ensures the pipe maintains structural integrity even in harsh operating environments.

Pressure handling capability is another critical attribute. The Hydraulic Steel Pipe boasts a high-pressure rating, enabling it to safely and efficiently operate under the intense pressures typical of hydraulic systems. Whether the application involves lifting heavy loads, operating hydraulic machinery, or transmitting hydraulic fluid over long distances, this pipe provides reliable performance without risk of bursting or deformation. This high-pressure endurance is essential for maintaining system safety and efficiency.

The product is available in various sizes, with tensile strength varying accordingly. This allows for customization to the specific needs of different hydraulic systems—from moderate strength for light-duty applications to very high tensile strength for heavy-duty use. The ability to choose from different sizes and strengths makes the Hydraulic Steel Pipe a versatile component suitable for a wide range of hydraulic operations.

Engineered to meet industry standards, the Hydraulic Steel Pipe provides excellent compatibility with various hydraulic fluids and components. This compatibility reduces the risk of chemical reactions that could degrade the pipe material or the hydraulic fluid, further improving system longevity and reliability. The pipe's design also supports ease of installation and integration into existing hydraulic systems, minimizing downtime and installation costs.

In summary, the Hydraulic Steel Pipe is a robust, reliable, and highly efficient solution for hydraulic systems requiring a durable and corrosion-resistant conduit for fluid transmission. Its high-pressure rating, combined with the variation in tensile strength depending on size, allows for precise matching to specific application needs. The seamless construction ensures superior strength and durability, making it the preferred choice for engineers and system designers who demand the best performance from their hydraulic components.

Key Features

Product Name: Hydraulic Steel Pipe

Connection Type: Threaded or Welded

Connection Type: Threaded or Flanged Ends

Usage: Designed specifically for Hydraulic Systems

Material: Made from High-strength Alloy Steel

Tensile Strength: ≥ 700 MPa for superior durability

Suitable for use as a Hydraulic Steel Tube in various applications

Ideal for high pressure steel pipe requirements ensuring safety and reliability

Engineered to withstand extreme conditions as a high pressure steel pipe

Technical Parameters

Product Name	Hydraulic Steel Pipe
Material	High-strength Alloy Steel
End Finish	Plain Or Beveled
Surface Treatment	Galvanized, Painted, Or Blackened
Connection Type	Threaded Or Flanged Ends / Threaded Or Welded
Tensile Strength	≥ 700 MPa
Length	6m Standard, Customizable
Corrosion Resistance	High
Usage	Hydraulic Systems
Description	Seamless hydraulic pipe, high pressure steel pipe designed for reliable performance in hydraulic systems.

Applications

The Zhengshen Hydraulic Steel Pipe, originating from China, is an essential component widely used in various hydraulic systems due to its superior strength and durability. With a yield strength of ≥ 500 MPa, this seamless hydraulic pipe is designed to withstand high-pressure conditions, making it ideal for demanding industrial applications where reliability and safety are paramount.

One of the primary application occasions for the Zhengshen hydraulic steel tube is in heavy machinery and construction equipment. These machines often operate under extreme pressure, requiring high pressure steel pipe solutions that can maintain integrity without deformation or failure. The hydraulic steel pipe's high yield strength ensures consistent performance in hydraulic cylinders, pumps, and valves, which are critical for the smooth operation of excavators, cranes, and loaders.

Another common scenario involves the use of Zhengshen seamless hydraulic pipes in the oil and gas industry. In this sector, hydraulic systems are subjected to fluctuating pressures and harsh environmental conditions. The ability of these pipes to handle high pressure and resist corrosion makes them ideal for drilling rigs, pipeline systems, and refinery equipment. Their robust construction helps prevent leaks and ruptures, which can be costly and hazardous.

Moreover, the versatility of the hydraulic steel tube extends to agricultural machinery where hydraulic systems control various implements and attachments. The varying wall thickness available depending on size allows for customization based on the specific pressure requirements and mechanical stresses encountered in different farming equipment. The availability of threaded or flanged ends connection types further enhances installation flexibility, enabling seamless integration into existing hydraulic circuits.

The Zhengshen high pressure steel pipe is also extensively used in manufacturing plants, particularly in hydraulic presses and automated machinery. In such environments, the pipe's ability to handle high pressure and maintain structural integrity under continuous use is crucial. Its seamless construction eliminates weak points, reducing the risk of failure and downtime.

Customization

Our Hydraulic Steel Pipe, branded Zhengshen and originating from China, offers exceptional quality and durability for various hydraulic systems. This high pressure steel pipe is designed with high corrosion resistance to ensure long-lasting performance in demanding environments. We provide seamless hydraulic pipe options that guarantee superior strength and reliability. The connection type can be customized to either threaded or welded, depending on your specific application requirements. Tensile strength varies depending on the size of the pipe, allowing for tailored solutions to meet your hydraulic system needs. Trust Zhengshen for premium seamless hydraulic pipe products that deliver optimal performance and safety.

Support and Services

Our Hydraulic Steel Pipe product is backed by comprehensive technical support and services to ensure optimal performance and customer satisfaction. We offer expert guidance on product selection, installation, and maintenance to help you achieve the best results in your hydraulic systems.

Our technical support team is available to provide detailed information on pipe specifications, pressure ratings, and compatibility with various hydraulic fluids. We also assist with troubleshooting and resolving any issues that may arise during the lifecycle of the product.

In addition to technical assistance, we provide customized solutions tailored to your specific application requirements. Our services include on-site inspections, performance evaluations, and recommendations for system improvements to enhance efficiency and safety.

We are committed to delivering high-quality Hydraulic Steel Pipes that meet industry standards and customer expectations. Our support extends beyond the point of sale to ensure long-term reliability and optimal operation of your hydraulic systems.

For any technical inquiries or service requests related to our Hydraulic Steel Pipe products, please refer to the resources provided with your purchase or visit our official website for further information.

Packing and Shipping

Our Hydraulic Steel Pipes are carefully packaged to ensure maximum protection during transportation. Each pipe is coated with a rust-preventive oil and wrapped in a protective film to prevent scratches and corrosion. The pipes are then bundled securely with steel straps and placed on sturdy wooden pallets for easy handling and stability.

For shipping, we use reinforced containers suitable for long-distance transport to safeguard the pipes against any impact or environmental damage. Our logistics team ensures timely delivery with real-time tracking, making sure the Hydraulic Steel Pipes arrive at your destination in perfect condition.

Frequently Asked Questions

Q1: What brand manufactures the Hydraulic Steel Pipe?

A1: The Hydraulic Steel Pipe is manufactured by Zhengshen, a reputable brand known for quality steel products.

Q2: Where is the Hydraulic Steel Pipe produced?

A2: The Hydraulic Steel Pipe is produced in China, ensuring adherence to international manufacturing standards.

Q3: What materials are used in the Zhengshen Hydraulic Steel Pipe?

A3: The Hydraulic Steel Pipe is made from high-quality steel, designed to withstand high pressure and provide durability.

Q4: What applications are suitable for Zhengshen Hydraulic Steel Pipes?

A4: These pipes are ideal for hydraulic systems in industries such as construction, manufacturing, and automotive sectors where high pressure fluid conveyance is required.

Q5: How can I ensure the Hydraulic Steel Pipe is compatible with my hydraulic system?

A5: It is important to check the pipe's specifications such as diameter, pressure rating, and material compatibility with your hydraulic system requirements before purchasing.

Product Gallery













Chongqing Zhengshen Stainless Steel Products Co.,Ltd.

+86 189 9647 2857 cqzhengshen@hotmail.com pipesteels.com

Chenjiawan Industrial Park, Jieshi Town, Banan District, Chongqing, China