35 MPa Pressure Rating Hydraulic Steel Pipe with Threaded or Flanged Ends for Heavy Duty Hydraulic Steel Tube Applications

Our Product Introduction

Basic Information

- 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

- Length: 6m, 12m Or Customized
- Standard: ISO 8434, SAE J516
- Material: High-strength Carbon Steel
- Wall Thickness: Varies Depending On Size
- Tensilestrength: ≥ 500 MPa
- Pressurerating: Up To 35 MPa
- Wallthickness: 1mm - 20mm
- Pressure Rating: High
- Highlight: **35 MPa Hydraulic Steel Pipe**, **Threaded Flanged Ends Hydraulic Steel Tube**, **Heavy Duty Hydraulic Pipe**



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Product Description

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The Hydraulic Steel Pipe is an essential component in various hydraulic systems, designed to deliver high-pressure fluid power efficiently and reliably. Manufactured with precision and adhering to stringent industry standards, this hydraulic steel tube is engineered to meet the demanding requirements of modern hydraulic applications. With a focus on durability, strength, and versatility, it serves as a critical conduit for hydraulic fluids, ensuring optimal performance in machinery and equipment across multiple industries.

One of the standout features of this hydraulic steel tube is its wide range of wall thickness options, varying from 1mm to 20mm. This flexibility allows the tube to accommodate different pressure ratings and mechanical stresses, making it suitable for both light-duty and heavy-duty hydraulic systems. The wall thickness is carefully selected based on the size and application, ensuring that each tube provides the necessary strength without adding unnecessary weight or bulk to the system.

The outer diameter of the hydraulic steel tube ranges from 10mm to 200mm, offering extensive size options to fit various hydraulic circuit designs and equipment configurations. This broad diameter range supports applications from small-scale precision hydraulic controls to large industrial hydraulic machinery. Whether the requirement is for compact, space-efficient tubing or larger diameter pipes for high flow rates, this hydraulic steel tube can be customized to meet those needs.

Compliance with international standards such as ISO 8434 and SAE J516 underscores the quality and reliability of this hydraulic steel tube. These standards ensure that the tubes meet rigorous performance criteria, including pressure resistance, dimensional accuracy, and material quality. Adherence to these standards guarantees compatibility with a wide range of hydraulic components and systems, facilitating easy integration and maintenance.

Overall, the hydraulic steel tube is a vital component for any hydraulic system requiring reliable and efficient fluid transmission. Its customizable wall thickness, wide diameter range, compliance with international standards, and multiple end connection options make it a versatile solution suitable for a broad spectrum of hydraulic applications. Whether used in construction machinery, industrial equipment, automotive systems, or agricultural machinery, this hydraulic steel tube ensures optimal fluid flow and system performance.

In summary, the hydraulic steel tube offers a combination of strength, precision, and flexibility that meets the needs of modern hydraulic technologies. Its carefully engineered specifications and robust construction make it the preferred choice for professionals seeking dependable hydraulic tubing solutions. By choosing this hydraulic steel tube, users invest in a product that delivers consistent performance, safety, and longevity in their hydraulic systems.

Key Features

- Product Name: Hydraulic Steel Pipe
- Length options: 6m, 12m, or customized lengths available
- Meets standards: ISO 8434, SAE J516
- Connection types: Threaded or welded
- Wall thickness range: 1mm to 20mm
- Corrosion resistance: Excellent, ensuring long service life
- Suitable for use as a hydraulic steel tube
- Designed to handle high pressure as a high pressure steel pipe
- Reliable hydraulic steel tube for various industrial applications

Technical Parameters

Tensile Strength	≥ 500 MPa
Outer Diameter	10mm – 200mm
Connection Type	Threaded or Flanged Ends
Corrosion Resistance	Excellent
Pressure Rating	High (up to 35 MPa)
Wall Thickness	1mm – 20mm
Standard	ISO 8434, SAE J516
Material	High-strength Carbon Steel
Length	6m, 12m, or Customized
Surface Treatment	Galvanized, Painted, or Blackened

Applications

The Zhengshen Hydraulic Steel Pipe, originating from China, is a high-quality product designed to meet the demanding requirements of various industrial applications. Known for its superior construction and excellent corrosion resistance, this high pressure steel pipe is manufactured in compliance with international standards such as ISO 8434 and SAE J516, ensuring reliability and safety in critical hydraulic systems.

This hydraulic steel tube is widely used in scenarios where high pressure and durability are paramount. Its wall thickness ranges from 1mm to 20mm, providing versatility to suit different hydraulic machinery and equipment. Whether the connection type is threaded or welded, Zhengshen hydraulic pipes offer secure and leak-proof joints essential for maintaining system integrity under extreme pressure conditions.

In the construction industry, Zhengshen seamless hydraulic pipe is utilized extensively in heavy machinery and equipment such as excavators, cranes, and loaders. Its excellent corrosion resistance extends the lifespan of hydraulic systems exposed to harsh environments, including outdoor conditions and chemical exposure. This makes it an ideal choice for construction sites where equipment reliability is critical.

In the automotive and transportation sectors, these high pressure steel pipes are employed in hydraulic braking systems, power steering, and suspension components. The seamless hydraulic pipe design ensures smooth internal surfaces, reducing the risk of contamination and wear, which is crucial for maintaining consistent hydraulic fluid flow and pressure.

Overall, Zhengshen's hydraulic steel pipes and seamless hydraulic pipes serve a wide range of applications and scenarios where strength, durability, and corrosion resistance are essential. Their compliance with international standards and adaptable connection types make them an excellent choice for any high pressure hydraulic system.

Customization

Our Zhengshen Hydraulic Steel Pipe offers extensive product customization services to meet your specific requirements. Originating from China, this seamless hydraulic pipe is designed for high-pressure applications, ensuring reliability and durability. The outer diameter ranges from 10mm to 200mm, with lengths available in 6m, 12m, or customized to your needs. Wall thickness varies depending on the size to provide optimal strength and performance. Additionally, the end connection options include threaded, flanged, or welded, allowing for versatile installation. Trust our seamless hydraulic pipe and hydraulic steel tube solutions for superior quality and tailored specifications.

Support and Services

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

Our technical team is available to assist with troubleshooting, maintenance tips, and system optimization. We offer detailed product documentation, including specifications, performance data, and compliance certifications to support your engineering requirements.

In addition, we provide training sessions and workshops to enhance your understanding of hydraulic steel pipe applications and maintenance practices. Our commitment is to deliver prompt and effective solutions to maximize the lifespan and efficiency of your hydraulic piping systems.

For any technical inquiries or service requests related to our Hydraulic Steel Pipe, please refer to the support resources provided with your product 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 protective layer to prevent rust and corrosion, then securely bundled using strong steel straps. The bundles are further wrapped with waterproof plastic film to safeguard against moisture and dust.

For shipping, the pipes are loaded onto pallets or directly into containers with the use of cranes and forklifts, ensuring minimal movement and damage. We offer both sea and land freight options, with all shipments accompanied by detailed documentation for smooth customs clearance. Our packaging and shipping processes are designed to deliver the Hydraulic Steel Pipes safely and on time to our customers worldwide.

Frequently Asked Questions

Q1: What is the brand name of the hydraulic steel pipe?

A1: The hydraulic steel pipe is manufactured under the brand name Zhengshen.

Q2: Where is the Zhengshen hydraulic steel pipe produced?

A2: The Zhengshen hydraulic steel pipe is made in China.

Q3: What materials are used in the Zhengshen hydraulic steel pipe?

A3: The hydraulic steel pipe is made from high-quality steel to ensure durability and high performance under pressure.

Q4: What applications are suitable for Zhengshen hydraulic steel pipes?

A4: These pipes are suitable for hydraulic systems in construction machinery, agricultural equipment, and industrial applications requiring reliable fluid transmission.

Q5: How does Zhengshen ensure the quality of their hydraulic steel pipes?

A5: Zhengshen follows strict manufacturing standards and quality control processes to ensure each hydraulic steel pipe meets performance and safety requirements.

Product Gallery




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