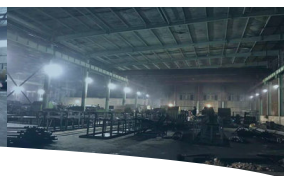




ZHEHENG STEEL

Wenzhou Zheheng Steel Industry Co.,Ltd
stainless-steelseamlesspipe.com



Ferritic 430 Stainless Steel Pipe NPS1/8" ASTM Decorative 20mm

Our Product Introduction

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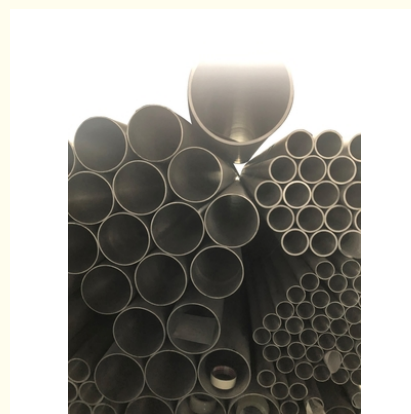
Basic Information

- Place of Origin: Wenzhou, China
- Brand Name: Zheheng
- Certification: ISO9001
- Model Number: pipe
- Minimum Order Quantity: 1 Ton
- Packaging Details: In wooded cases or pallets, or as for clients requirement
- Delivery Time: 7-15 working days after receiving payment
- Payment Terms: L/C, D/P, T/T, Western Union
- Supply Ability: 8000 Ton/Tons per Month



Product Specification

- Other Name: SUS430 1.4016 430 Ferritic Stainless Steel Pipe
- Length: 6 Meters Or Customized
- Usage: Decorative
- Technique: Cold Drawn/Cold Rolling Or Both Of Them
- Thickness: 0.2-20mm
- OD: 10-820mm
- Highlight: **ASTM Decorative Ferritic Steel Pipe, Ferritic 430 Stainless Steel Pipe, 20mm SUS430 Stainless Steel Pipe**



Product Description

Overview

430 stainless steel contains trace amounts of manganese, silicon, carbon, sulfur, and phosphorus. This chemical composition means that 430 stainless steel contains high thermal conductivity. It is suitable for use in high polishing decorative uses in mild atmospheric environment, such as building interior decoration, heavy oil burner parts, household appliances, home appliance parts, etc.

Chemical composition

Grade	430
C (Max)	0.12
Mn (Max)	1
P (Max)	0.04
S (Max)	0.03
Si (Max)	1
Cr	16.00 - 18.00
Ni	0.75

Physical Properties

Grade	Density (kg/m³)	Elastic Modulus (GPa)	Mean Coefficient of Thermal Expansion (μm/m/°C)			Thermal Conductivity (W/m.K)		Specifi c Heat 0- 100°C (J/kg.K)	Electric al Resisti vity (nΩ.m)
			0- 100°C	0- 315°C	0-538°C	at 100°C	at 500°C		
430	7750	200	10.4	11	11.4	26.1	26.3	460	600

Application

1. Construction field: 430 stainless steel pipes are widely used in the construction field for indoor and outdoor decoration and structure. It can be used to make stair handrails, doors and Windows, railings and other metal products. Because of its bright appearance and strong corrosion resistance, it can maintain a good surface state for a long time, so it is widely used in the construction field.
2. Petrochemical and chemical industry: 430 stainless steel pipes are used to transport various corrosive media in the petrochemical and chemical industry. Because of its excellent corrosion resistance, it can withstand high temperature and high pressure environment, so it is widely used in petroleum, chemical, natural gas and other fields of pipeline system. In addition, 430 stainless steel pipes can also be used to make chemical equipment, reactors and storage tanks.
3. Energy industry: In the energy industry, 430 stainless steel pipes are widely used to transport oil, natural gas and other fluids. Stainless steel material has corrosion resistance, which can effectively prevent corrosion and leakage inside the pipeline to ensure the transmission of energy.
4. Pharmaceutical industry: 430 stainless steel pipe is widely used in the pharmaceutical industry. It can be used to make medical instruments, surgical instruments and medical equipment. Stainless steel has good sanitary properties and corrosion resistance...

Advantage

1. Formability, economy, corrosion resistance, oxidation resistance and other functions
2. Do not add nickel and molybdenum and other precious alloys, with cost advantages
3. Ferritic stainless steel has high ferromagnetism and thermal conductivity, which is very suitable for the use of heat exchange

Mechanical Composition

Grade	Tensile	Yield	%Age	Hardness (Max)	
	Strength Mpa, (Min)	Strength	Elongati on		
		Mpa, (Min)	in 50mm gauge length min	BHN	Rb
430	450	205	22	183	89

Commodity packaging



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