



ZHEHENG STEEL

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

ASTM A403 WP316L Concentric / Eccentric 14 X 12" SS Reducers Pipe Fittings

Our Product Introduction

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Basic Information

- Place of Origin: Wenzhou, China
- Brand Name: Zheheng
- Certification: ISO9001
- Model Number: Reducer
- Minimum Order Quantity: MOQ500kg
- 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: 1000 Ton/Tons per Month



Product Specification

- Thickness: SCH5S-SCH160 Or As Required
- Size: 1/4" - 60"
- OD: 6-2000mm
- Price Terms: FOB, CIF, EXW
- Shape: Concentric/Eccentric
- Connection: Butt Welding/SMLS
- Standard: ASTM B16.9
- Highlight: **SS Reducers Pipe Fittings ,
Eccentric Reducers Pipe Fittings ,
WP316L SS Pipe Fittings**



Product Description

ASTM A403 WP316L Concentric/Eccentric 14 X 12" SS Reducers Pipe Fittings Characteristic

The ASTM A403 WP316L grade is a wrought carbon grade that possesses excellent toughness and offers higher creep and stress rupture properties. The versatile ASTM A403 Gr WP316L components work well in high as well as in cryogenic temperatures. They possess resistance to pitting and crevice corrosion. ASTM A 403 WP 316L is very durable across acidic and chemical toxicants. The grade has a specific thermal capacity of 500 at 20°C J/kg K. The robust A403 WP316L module has a minimum tensile strength of 485mpa with a minimum yield strength of 170mpa and can be elongated by 40% in the system. The SA 403 WP 316L is a pressurized vessel grade that works well in extreme pressure and temperatures in stress-induced conditions. An SA403 WP316L grade can be annealed at temperatures between 1010 to 1120 degrees C, followed by a rapid cooling process.

ASTM A403 WP316L Pipe Fittings Application and Usage

Fittings are used wherever liquids, gases, chemicals and other fluids are created, processed, transported, or used. Range of industries is very wide, as shown below:

Energy related: Oil and gas industries, including upstream (exploration and production), midstream (transportation by ships, pipeline, rail, trucks; storage and wholesale) and downstream (refining into fuels or chemicals; marketing and distribution).

Power plants using fossil or nuclear fuels. Geothermal energy for harnessing heat from the earth.

Food and beverage production. From basic ingredients to elaborate desserts. From milk, to juices and other beverages. Cold chain to keep produce fresh, drinks and frozen foods at a set temperature. Desalination plants to transform seawater into drinking water for arid areas and various tropical islands. Pharmaceuticals and biotech production. Medicines and vaccines that treat illnesses and help restore bodies and minds to their top conditions.

Semiconductor manufacturing: Microchips that go into all electronics, including smartphones, tablets, computers, television sets, telecom networks.

Pulp and paper production: Newsprint, glossy paper, cardboard boxes, books, writing paper.

Production of construction materials and plastics. From roofing materials, to glassmaking for windows, to copper wiring for transporting electricity, and various plastics throughout houses and office buildings.

Chemical Composition(Typical Values at 68°F (20°C))

	C	Mn	Si	P	S	Cr	Mo	Ni	Ti	Fe
316L	0.03	2	1	0.5	0.02	16.5-18.5	2-2.5	10.0-13.0	-	balance

Mechanical Properties

Grade	Tensile Str (MPa) min Rockwell B (HR B) max	Yield Str 0.2% Proof (MPa) min Brinell (HB) max	Elong (% in 50mm) min	Hardness	
316L	485	170	40	95	217

Physical Properties

Grade	Density (kg/m ³)	Elastic Modulus (GPa)	Mean Co-eff of Thermal Expansion (µm/m/°C)			Thermal Conductivity (W/m.K)		Specific Heat 0- 100°C (J/kg.K)	Elec Resistivity (nΩ.m)
			0-100°C	0-315°C	0-538°C	At 100°C	At 500°C		
316L	8000	193	15.9	16.2	17.5	16.3	21.5	500	740

Shipping

ASTM A403 WP316L Pipe Fittings is sleeved into plastic bag individually, pieces wrapped with water-proof material, bundled with nylon rope. Clear labels are tagged on the outside of the package for easy identification of the quantity and product I.D.

Image



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