🔵 CHUANGLAN VALVE 🔵

Product Catalog

Stainless Steel Valves · Flanges & Fittings · Sanitary Products

✓ CE Certified | ✓ ISO 9001 | ✓ API 6D | ✓ 3A Certified

Factory Direct from China

20+ Years OEM/ODM Manufacturer Since 2005

🌐 **www.chlqlflow.com**

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20+	29	50+	60+	7-15
Years Experience	Product Range	Export Countries	CNC Machines	Days Delivery

About Chuanglan

Wenzhou Chuanglan is a **professional manufacturer** of stainless steel and carbon steel valves, flanges, and pipe fittings. Our factory was established in **2005**, and we have over **60 CNC machines** for precision manufacturing.

We specialize in **OEM/ODM services**. Our products are now exported to **50+ countries** including Indonesia, UAE, Saudi Arabia, Malaysia, Thailand, Vietnam, USA, Germany, and more.

We strictly produce according to **ANSI/API, GOST, JIS, DIN, ISO** standards. We also provide custom/non-standard manufacturing according to your specific requirements.

Our products are widely used in **petroleum, chemical industry, natural gas pipelines, power generation, construction, pharmaceutical, metallurgy, and food industries**.

🚚 **Delivery:** 5-10 days to Southeast Asia, 15-20 days to Middle East via Ningbo/Shanghai port.

Why Choose Chuanglan?

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Factory Direct

✅

100% Pressure Tested

📜

Certified

Best price directly from manufacturer, no middleman markup

Every valve pressure tested before shipment, MTC 3.1 provided

CE, ISO 9001, API 6D, 3A certified products

Fast Delivery

Standard products 7-15 days, emergency orders available

Custom Solutions

Non-standard sizes, special materials, custom designs welcome

Technical Support

Professional engineering team, timely response to all inquiries

1. Industrial Valves

16 products for oil & gas, chemical, power generation, and water treatment applications

1. Wafer Butterfly Valve

Wafer | Manual

Compact wafer design, ideal for tight installation spaces. Wafer end, low torque operation, EPDM/PTFE seat, for general water and chemical applications.

Size Range	2"–24" (DN50–DN600)
Pressure Rating	PN10–PN16 / Class150 (232 psi)
Face-to-Face	EN558-1 Series 13 / ISO 5752
Body Material	GGG40 Ductile Iron / WCB / CF8M Stainless
Seat Options	EPDM / NBR / PTFE / Viton
End Connection	Wafer / Lugged Type
Temperature Range	-10°C to +150°C (EPDM) / -29°C to +200°C (PTFE)

Standards: EN593 · API 609 · ISO 5752 · EN 1092-2

Water Treatment | Chemical | Oil & Gas | HVAC

2. Pneumatic Wafer Butterfly Valve

Wafer Pneumatic

Pneumatic rack & pinion actuator for automatic control. Pneumatic rack & pinion actuator, fail-open/fail-close available, for automatic process control.

Size Range	2"–12" (DN50–DN300)
Pressure Rating	PN10–PN16 / Class150
Actuator Type	Pneumatic Rack & Pinion, Double Acting / Spring Return
Air Supply	5–7 bar (70–100 psi)
Accessories	Solenoid Valve, Limit Switch, Positioner
Mounting	NAMUR Standard

Standards: EN593 · API 609 · NAMUR · ISO 5211

Process Control Water Treatment Chemical

3. Flanged Butterfly Valve

Flanged Manual

Flanged end, longer face-to-face for higher pressure service. Flanged end, longer face-to-face per EN558-2, for higher pressure demanding industrial service.

Size Range	2"–24" (DN50–DN600)
Pressure Rating	PN10–PN16 / Class150
Body Material	WCB Carbon Steel / CF8M Stainless
End Connection	Flanged RF, EN1092/ASME B16.5
Face-to-Face	EN558-2 Series 14
Temperature Range	-10°C to +150°C (EPDM) / -29°C to +200°C (PTFE)

Standards: EN593 · API 609 · EN 1092 · ASME B16.5

Oil & Gas Power Plant General Industry

4. Flanged Gate Valve (Rising Stem)

Flanged | Rising Stem

Rising stem wedge gate for tight shutoff. Rising stem, wedge gate, tight shutoff for oil/gas and long-distance water transmission lines.

Size Range	2"–24" (DN50–DN600)
Pressure Rating	PN16–PN40 / Class150–Class300
Body Material	WCB / CF8 / CF8M Stainless
End Connection	Flanged RF per EN1092/ASME B16.5
Stem Type	Rising Stem / Non-Rising Stem
Temperature Range	-29°C to +425°C (Metal Seat)

Standards: API 600 · API 6D · BS 1414 · EN 1092

Oil & Gas | Water Transmission | Power Plant

5. Wafer Knife Gate Valve

Wafer Slurry

Knife-edge gate for slurry and viscous media. Knife-edge gate, ideal for slurry, pulp, powder and viscous media in mining and paper industry.

Size Range	2"–12" (DN50–DN300)
Pressure Rating	PN6–PN10
Body Material	WCB / CF8M Stainless
End Connection	Wafer / Lugged
Seat Options	EPDM / NBR / PTFE / Rubber Lined
Temperature Range	-29°C to +425°C

Standards: EN 558 · API 600 · MSS SP-81

Mining Pulp & Paper Slurry Wastewater

6. Pneumatic Knife Gate Valve

Wafer Pneumatic

Fast automatic shutoff for abrasive media. Pneumatic actuated knife gate, fast automatic shutoff for abrasive and slurry media.

Size Range	2"–12" (DN50–DN300)
Pressure Rating	PN6–PN10
Body Material	WCB / CF8M Stainless
Actuator Type	Pneumatic Cylinder, Double Acting / Spring Return
Air Supply	5–7 bar clean dry air
Temperature Range	-29°C to +180°C

Standards: EN 558 · MSS SP-81 · NAMUR

Mining Wastewater Cement

7. Flanged Ball Valve

Flanged | Full Port

Full port, tight shutoff for oil and gas service. Full port / reduced port, 2-piece / 3-piece design, tight shutoff for oil, gas and process systems.

Size Range	1"–8" (DN25–DN200)
Pressure Rating	PN16–PN40 / Class150–Class300
Body Material	WCB / CF8 / CF8M Stainless
End Connection	Flanged RF per EN1092/ASME B16.5
Ball	Stainless 316, PTFE Seated
Temperature Range	-29°C to +180°C

Standards: API 608 · API 6D · EN ISO 17292 · EN 1092

Oil & Gas | Chemical | General Industry

8. Pneumatic / Electric Actuated Ball Valve

Flanged Automated

Automated ball valve with pneumatic/electric actuator. Automated ball valve with pneumatic/electric actuator, for remote control and automated process lines.

Size Range	1"–6" (DN25–DN150)
Pressure Rating	PN16–PN40 / Class150–Class300
Body Material	WCB / CF8M Stainless
Actuator	Pneumatic / Electric with Positioner
Power Supply	24VDC / 110VAC / 220VAC (Electric)

Standards: API 608 · NAMUR · ISO 5211

Process Control Automation Chemical

9. Threaded Ball Valve (NPT/BSPP)

Threaded Compact

3-piece threaded end for small bore pipelines. 3-piece threaded end, compact design for small bore pipelines and utility services.

Size Range	1/4"–2" (DN8–DN50)
Pressure Rating	PN40 / Class150
Body Material	CF8 / CF8M Stainless
End Connection	NPT / BSPP Threaded
Seat	PTFE

Standards: API 608 · ASME B1.20.1 · ISO 7-1

Utility Pneumatic Lines General Service

10. Flanged Globe Valve

Flanged Throttling

Good throttling performance for steam service. Globe pattern, good throttling performance for steam and high-temperature process service.

Size Range	1"–12" (DN25–DN300)
Pressure Rating	PN16–PN40 / Class150–Class300
Body Material	WCB / CF8 / CF8M Stainless
End Connection	Flanged RF
Temperature	-29°C to +425°C

Standards: API 623 · BS 1873 · EN 1092

Steam Service Power Plant Process Control

11. Swing Check Valve

Flanged Check

Swing disc design, low pressure drop. Swing disc design, low pressure drop, prevents reverse flow in general pipeline systems.

Size Range	2"–24" (DN50–DN600)
Pressure Rating	PN16–PN40 / Class150–Class300
Body Material	WCB / CF8M
End Connection	Flanged RF
Operation	Automatic Swing Disc

Standards: API 594 · BS 1868 · EN 1092

Water Transmission Oil & Gas General Industry

12. Flanged Lift Check Valve

Flanged | High Pressure

Lift type, low noise, high pressure service. Lift type check valve, low noise, for high pressure steam and process service.

Size Range	1"–12" (DN25–DN300)
Pressure Rating	PN16–PN40 / Class150–Class300
Body Material	WCB / CF8M
End Connection	Flanged RF
Installation	Horizontal / Vertical (Up Flow)

Standards: API 602 · BS 1868 · EN 1092

Steam Service | High Pressure | Process Lines

13. Wafer Single Plate Check Valve

Wafer Compact

Single plate, compact, fast pump discharge response. Single plate wafer check, compact, fast response for general pump discharge applications.

Size Range	2"–24" (DN50–DN600)
Pressure Rating	PN10–PN40 / Class150–Class300
Body Material	WCB / CF8M
End Connection	Wafer
Spring	Stainless Steel 304
Temperature Range	-29°C to +200°C (PTFE Seat)

Standards: API 594 · EN 558 · DIN

Pump Discharge Water Treatment HVAC

14. Wafer Butterfly Check Valve

Wafer | Ultra Short

Double door, ultra short face-to-face. Double door wafer check, ultra short face-to-face, ideal for compact pump stations.

Size Range	2"–24" (DN50–DN600)
Pressure Rating	PN10–PN40 / Class150–Class300
Body Material	WCB / CF8M
End Connection	Wafer
Face-to-Face	Ultra Short Pattern

Standards: API 594 · EN 558

Pump Stations | HVAC | Compact Piping

15. Wafer Dual Plate Check Valve

Wafer | Water Hammer

Dual plate, fast closure prevents water hammer. Dual plate wafer type, short face-to-face, fast closure to prevent water hammer.

Size Range	2"–24" (DN50–DN600)
Pressure Rating	PN10–PN40 / Class150–Class300
Body Material	WCB / CF8M
End Connection	Wafer
Closure Time	Fast Closure, Anti Water Hammer
Temperature Range	-29°C to +200°C (PTFE Seat)

Standards: API 594 · EN 558 · BS 1868

Pump Discharge | Water Treatment | Power Plant

16. Y-Strainer

Flanged Protection

Removes pipeline debris to protect equipment. Y-type strainer, removes pipeline debris to protect pumps, valves and heat exchangers.

Size Range	1/2"–12" (DN15–DN300)
Pressure Rating	PN16–PN40 / Class150–Class300
Body Material	WCB / CF8 / CF8M Stainless
End Connection	Flanged / Threaded
Mesh Options	10 mesh / 20 mesh / 30 mesh / 60 mesh
Temperature Range	-29°C to +425°C

Standards: API 598 · BS 1868 · EN 1092

Pump Protection Heat Exchanger General Industry

2. Flanges & Pipe Fittings

4 products for all piping systems, available in stainless steel and carbon steel

17. Stainless Steel Flanges (WN/ Slip-On/ Blind)

Flange ASME/EN/JIS

Complete range of flanges for all piping systems. WN, SO, Blind, Threaded, Socket Weld flanges in stainless steel and carbon steel.

Size Range	1/2"–24" (DN15–DN600)
Pressure Rating	PN6–PN40 / Class150–Class1500
Material	SS304 / SS316L / A105 / F304 / F316L
Type	WN / SO / Blind / Threaded / Socket Weld
Standard	ASME B16.5 / EN1092 / JIS B2220 / DIN

Standards: ASME B16.5 · EN1092 · JIS B2220 · DIN 2527

Oil & Gas Chemical General Industry

18. Butt-Weld Pipe Fittings

Fittings BW

Complete range of butt-weld fittings. Elbows, tees, reducers, caps in stainless steel and carbon steel for all piping systems.

Size Range	1/2"–24" (DN15–DN600)
Pressure Rating	Sch10–Sch160 / XXS
Material	SS304 / SS316L / A234 WPB / A403
Type	90°/45° Elbow · Tee · Reducer · Cap
Standard	ASME B16.9 / EN 10253 / JIS B2312

Standards: ASME B16.9 · EN 10253 · JIS B2312 · DIN 2605

Oil & Gas Chemical Power Plant

19. Butt-Weld Elbow (90°/45°)

Elbow BW

90° and 45° butt-weld elbows for all piping systems. Long radius (LR) and short radius (SR) elbows available in all sizes.

Size Range	1/2"–24" (DN15–DN600)
Pressure Rating	Sch10–Sch160 / XXS
Material	SS304 / SS316L / A234 WPB
Type	90° LR / 45° LR / 90° SR / 45° SR
Standard	ASME B16.9 / EN 10253

Standards: ASME B16.9 · EN 10253 · DIN 2605

Oil & Gas Chemical General Industry

20. Stainless Seamless Pipe

Pipe Seamless

Seamless stainless steel pipe for high pressure service. Complete range of seamless and welded stainless steel pipe.

Size Range	1/8"–24" (DN6–DN600)
Wall Thickness	Sch5S–Sch80S / Sch10–Sch160
Material	SS304 / SS304L / SS316 / SS316L
Type	Seamless / Welded
Standard	ASTM A312 / A269 / EN 10216

Standards: ASTM A312 · A269 · EN 10216 · JIS G3459

Oil & Gas Chemical Food & Beverage

3. Sanitary Products

9 products for food, pharmaceutical, and biotechnology industries, 3A certified

21. Sanitary Butterfly Valve (Tri-Clamp)

Sanitary Tri-Clamp

Sanitary butterfly valve for food and pharmaceutical industries. Tri-clamp end, EPDM/Silicone seat, 3A certified.

Size Range	1"–6" (DN25–DN150)
Pressure Rating	PN10 / 145 psi
Body Material	SS304 / SS316L
End Connection	Tri-Clamp / Welded
Seat Options	EPDM / Silicone / PTFE / Viton
Surface Finish	Ra ≤ 0.8μm (Internal), Ra ≤ 1.6μm (External)

Standards: 3A · DIN 11850 · SMS · ISO 2037

Food & Beverage Pharmaceutical Biotechnology

22. Pneumatic Sanitary Butterfly Valve

Sanitary Pneumatic

Pneumatic actuated sanitary butterfly valve for automated process lines. Tri-clamp end, food grade actuator, 3A certified.

Size Range	1"–6" (DN25–DN150)
Pressure Rating	PN10 / 145 psi
Body Material	SS304 / SS316L
Actuator Type	Pneumatic, Double Acting / Spring Return
Air Supply	5–7 bar clean dry air
Surface Finish	Ra ≤ 0.8µm (Internal)

Standards: 3A · DIN 11850 · NAMUR

Food & Beverage Pharmaceutical Automation

23. Sanitary Ball Valve (Tri-Clamp)

Sanitary Tri-Clamp

Sanitary ball valve for food and pharmaceutical industries. Tri-clamp end, full port, PTFE seat, 3A certified.

Size Range	1/2"–4" (DN15–DN100)
Pressure Rating	PN16 / 232 psi
Body Material	SS304 / SS316L
End Connection	Tri-Clamp / Welded
Ball	SS316, PTFE Seated
Surface Finish	Ra ≤ 0.8μm (Internal)

Standards: 3A · DIN 11850 · SMS

Food & Beverage Pharmaceutical Biotechnology

24. Pneumatic Sanitary Ball Valve

Sanitary Pneumatic

Pneumatic actuated sanitary ball valve for automated process lines. Tri-clamp end, food grade actuator, 3A certified.

Size Range	1/2"–4" (DN15–DN100)
Pressure Rating	PN16 / 232 psi
Body Material	SS304 / SS316L
Actuator Type	Pneumatic, Double Acting / Spring Return
Air Supply	5–7 bar clean dry air
Surface Finish	Ra ≤ 0.8µm (Internal)

Standards: 3A · DIN 11850 · NAMUR

Food & Beverage Pharmaceutical Automation

25. Sanitary 3-Way Ball Valve

Sanitary | 3-Way

Sanitary 3-way ball valve for diversion and mixing applications. L-port and T-port available, tri-clamp end, 3A certified.

Size Range	1/2"–3" (DN15–DN80)
Pressure Rating	PN16 / 232 psi
Body Material	SS304 / SS316L
End Connection	Tri-Clamp / Welded
Port Type	L-Port / T-Port
Surface Finish	Ra ≤ 0.8μm (Internal)

Standards: 3A · DIN 11850 · SMS

Food & Beverage | Pharmaceutical | Mixing & Diversion

26. Sanitary Check Valve (Tri-Clamp)

Sanitary Check

Sanitary check valve for food and pharmaceutical industries. Tri-clamp end, prevents reverse flow, 3A certified.

Size Range	1/2"–4" (DN15–DN100)
Pressure Rating	PN10 / 145 psi
Body Material	SS304 / SS316L
End Connection	Tri-Clamp / Welded
Operation	Automatic Swing / Lift
Surface Finish	Ra ≤ 0.8µm (Internal)

Standards: 3A · DIN 11850 · SMS

Food & Beverage Pharmaceutical Biotechnology

27. Sanitary Pipe Fittings & Union

Sanitary Fittings

Complete range of sanitary pipe fittings and unions. Elbows, tees, reducers, unions, tri-clamp fittings for food and pharmaceutical industries.

Size Range	1/2"–6" (DN15–DN150)
Material	SS304 / SS316L
Type	Elbow · Tee · Reducer · Union · Tri-Clamp
End Connection	Tri-Clamp / Welded / Threaded
Surface Finish	Ra ≤ 0.8μm (Internal), Ra ≤ 1.6μm (External)

Standards: 3A · DIN 11850 · SMS · ISO 2037

Food & Beverage Pharmaceutical Biotechnology

28. Sanitary Manhole

Sanitary Tank

Sanitary manhole for storage tanks in food and pharmaceutical industries. Round and rectangular types available, 3A certified.

Size Range	DN150–DN600 (6"–24")
Pressure Rating	PN6 / Vacuum
Material	SS304 / SS316L
Type	Round / Rectangular / Pressure / Vacuum
Seal	EPDM / Silicone / PTFE
Surface Finish	Ra ≤ 0.8μm (Internal)

Standards: 3A · DIN 11850 · SMS

Food & Beverage Pharmaceutical Storage Tanks

29. Sight Glass

Sanitary Viewing

Sanitary sight glass for tank and pipeline viewing. Tri-clamp and flanged types available, tempered glass, 3A certified.

Size Range	DN25–DN200 (1"–8")
Pressure Rating	PN10 / 145 psi
Material	SS304 / SS316L
Type	Tri-Clamp / Flanged / Welded
Glass	Tempered Glass / Borosilicate
Surface Finish	Ra ≤ 0.8μm (Internal)

Standards: 3A · DIN 11850 · SMS

Food & Beverage | Pharmaceutical | Process Viewing

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MOQ
1 Piece

Contact Our Engineers →