VEE-LOK®

valve & fitting

Optimize Your Costs

www.veelok.com

Create Your Best Value

We, Vertex Co., Ltd., is a manufacturer of instrumentation valves and fittings for oil & gas, shipbuilding, chemical, petrochemical processing, power plant, flow and control system, heavy industries, pulp and paper mill. We are equipped with modern production and inspection facilities for efficient capacity and renewable technical development. Our target is to create your best value. For these years, we have been committed to high quality standards and exporting our products worldwide.

Our brand, VEE-LOK valve & fitting, follows ISO 9001:2008 management system to fulfill stringent control program and pursue continuous improvement to meet a variety of requirements. All our efforts are to realize quality assurance and achieve customer's satisfaction.

Welcome customized & OEM Orders

Flexibility is one of our strengths that empowers us to satisfy diverse specifications from customers. We are capable of handling OEM orders and programming entire procedures to save time and costs. Communication is easy and fast to ensure the demands are quickly and well understood and executed. We are qualified to produce customized items and deliver our customers what they exactly want.

When you are looking for a solution to optimize your costs, we are your first choice to give a right product at the right price.

Activate Your Business

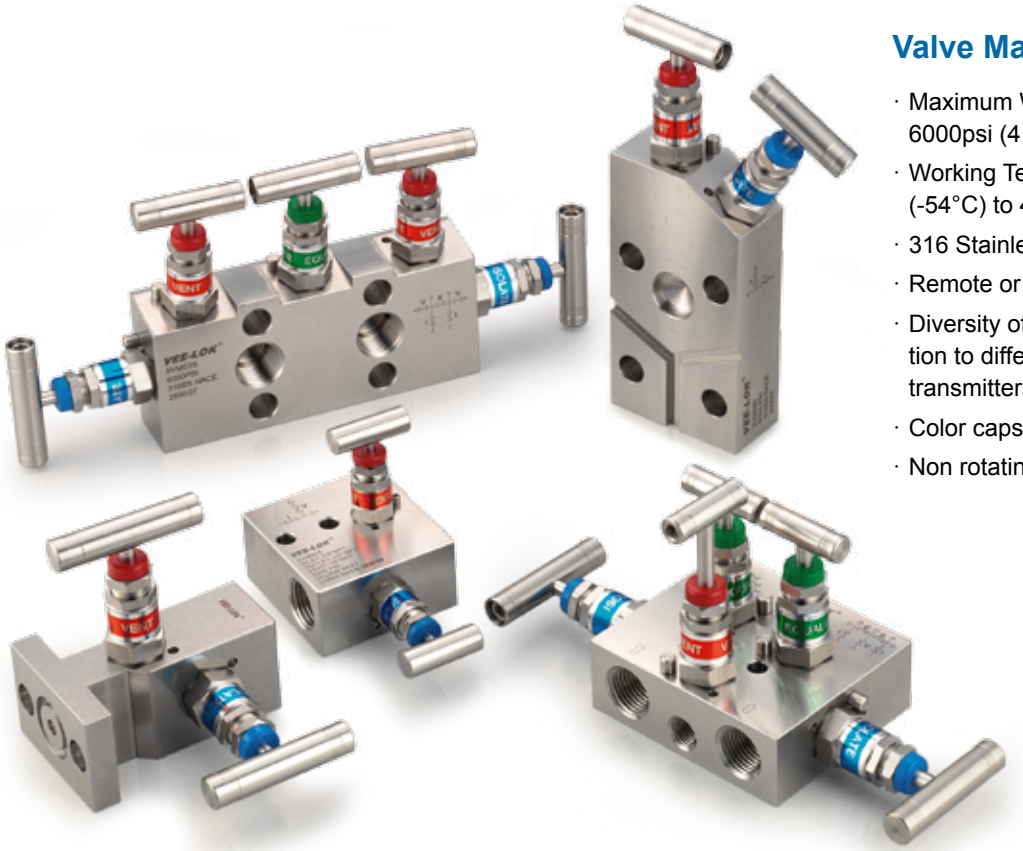
- ✔ We are specialized in producing instrument valves & fittings
- ✔ We adopt technical innovation in process and production
- ✔ We keep an open mind to make a business in global markets
- ✔ We provide competitive prices and speedy service
- ✔ We make all efforts to upgrade quality and service constantly

Reach Your Goal

Making use of precision machines and equipments, we take extra care in handling the whole process from material selection, design, manufacturing to testing to achieve outstanding quality and meet customers' needs. All the integrated programs and considerable efforts are to optimize the performance and create your best value.

Let's Get Started

Determination drives us to realize what you have dreamed and meet what you have expected. We, Vertex Co., Ltd., a dynamic manufacturer, provide innovative solution for instrument valves and fittings. Let's get started and explore all possibilities!



Valve Manifold

- Maximum Working Pressure to 6000psi (414bar) at 100°F (38°C)
- Working Temperature from -65°F (-54°C) to 464°F (240°C)
- 316 Stainless Steel
- Remote or direct mounting
- Diversity of configuration for application to differential pressure, level and transmitters
- Color caps to identify valve function
- Non rotating stem tip

Distribution Valves

- Maximum Working Pressure to 6000 psi (414bar) at 100°F (38°C)
- Working Temperature from-65°F (-54°C) to 464°F (240°C)
- 316 Stainless Steel
- Optimize setting of the main pipe and branch. Quantity of outlet connections are available from 4 to 12
- Adjustable PTFE packings
- Non Rotating stem tip
- Sizes: 1/2”~1” pipe thread

Mini Valves

- Maximum Working Pressure to 3000 psi (210bar) at 100°F (38°C)
- Working Temperature from -22°F (-30°C) to 392°F (200°C)
- 316 Stainless Steel, Carbon Steel
- Standard with Viton O-Rings
- Optional with PTFE packed stem
- Compact installation
- T bar handle on hard seat
- Knurled round handle on POM seat
- Sizes: 1/8”, 1/4” pipe thread

Square Bar Stock Needle Valve

- Maximum Working Pressure to 6000 psi (414bar) at 100°F (38°C)
- Working Temperature from -22°F (-30°C) to 392°F (200°C)
- 316 Stainless Steel, Carbon Steel
- Viton O-rings
- Non Rotating stem tip
- Optional panel mountable
- Sizes: 1/8”~1/2” pipe thread

High Pressure Needle Valve

- Maximum Working Pressure to 10000 psi (689bar) at 100°F (38°C) on metal seated valve
- Maximum Working Pressure to 6000 psi (414bar) at 100°F (38°C) on POM soft seated valve
- Working Temperature:
  up to 464°F (240°C) with PTFE packings
  up to 842°F (450°C) with Graphite packings
  up to 200°F (93°C) with POM soft seat
- 316 Stainless Steel, Carbon Steel
- Adjustable packings to extend service life
- Non Rotating stem tip
- Optional bleeding screw
- Sizes: 1/2”~1” pipe thread

Block & Bleed Valve

- Maximum Working Pressure to 6000 psi (414bar) at 100°F (38°C)
- Working Temperature from-65°F (-54°C) to 464°F (240°C)
- 316 Stainless Steel
- A single unit providing isolating and venting of pressure instruments
- Utilized to reduce the number of components and decrease possible leak points
- Adjustable PTFE packings
- Non Rotating stem tip

Multiport Gauge Valve

- Maximum Working Pressure to 6000 psi (414bar) at 100°F (38°C)
- Working Temperature from-65°F (-54°C) to 464°F (240°C)
- 316 Stainless Steel
- Adjustable PTFE packings
- Graphite packings for high temperature application
- Non Rotating stem tip
- Standard gauge valve, longer body gauge root valve in 194mm
- Block and bleed function

Bleed Valve

- Maximum Working Pressure to 6000 psi (414bar) at 100°F (38°C)
- Working Temperature from-65°F (-54°C) to 850°F (454°C)
- Compact design for easy installation
- 316 Stainless Steel
- Sizes: 1/4”~1/2” pipe thread

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High Pressure Ball Valve

- Maximum Working Pressure to 6000 psi (414bar) at 100°F (38°C)
- Working Temperature:
  PEEK seat: -65°F (-54°C) to 500°F (260°C)
  PVDF seat: -22°F (-30°C) to 265°F (130°C)
  Devlon seat: -315°F (-193°C) to 392°F (200°C)
- 316 Stainless Steel
- Sizes: 1/4”~1/2” pipe thread

Poppet Check Valve

- Maximum Working Pressure to 6000 psi (414bar) at 100°F (38°C)
- Working Temperature from-10°F (-23°C) to 392°F (200°C)
- 316 Stainless Steel
- Cracking pressure: 1 psi(0.06bar) to 25 psi (1.7bar)
- Viton O-rings
- Sizes: 1/8”~1” pipe thread
  VEE-LOK 1/8”O.D.~1/2”O.D.,
  6mm O.D.~12mm O.D.

Inline Check Valve

- Maximum Working Pressure to 3000 psi (210bar) at 100°F (38°C)
- Working Temperature from-10°F (-23°C) to 375°F (191°C)
- 316 Stainless Steel
- Cracking pressure: 2 psi(0.14bar) to 45 psi (3.1bar)
- Viton O-rings
- Stainless Steel Ball
- Sizes: 1/8”~1/2” pipe thread

Tube Fitting

- Compression type two ferrule tube fittings
- The two ferrule optimize sealing and tube gripping function to provide excellent leak-tight connection
- A variety of configurations
- 316 Stainless Steel
- Sizes: 1/8”~1” and 6mm~25mm O.D.

Pipe Fitting

- Used for process control and instrumentation connections
- Precision machined from forgings for shaped fittings and from bar stock for straight connectors
- Superior threads to provide reliable performance
- Male threads are capped for protection
- Sizes: 1/8”~1” pipe thread

Proportional Relief Valve

- Maximum Working Pressure to 6000 psi (414bar) at 100°F (38°C)
- Working Temperature from -22°F (-30°C) to 392°F (200°C)
- 316 Stainless Steel
- Set Pressure from 50 to 6000 psi (3.4 to 414 bar)@70°F (20°C)
- Color coded springs to classify a wide range of set pressure
- Sizes: 1/4”~3/8” pipe thread
  VEE-LOK 1/8”O.D.~1/2”O.D., 6mm O.D.~12mm O.D.

Filter

- Maximum Working Pressure to 6000 psi (414bar) at 100°F (38°C)
- Gas and liquid filtration
- Replaceable sintered elements available in 0.5, 2,7,15 and 60 microns
- 316 stainless steel
- Sizes: 1/8”~ 1/2” pipe thread
  VEE-LOK tube fitting 1/8”O.D.~1/2”O.D.

Adjustable Overload Protector

- Maximum Working Pressure to 6000 psi (414bar) at 100°F (38°C)
- Working Temperature from-13°F (-25°C) to 212°F (100°C)
- When pressure exceeds the preset pressure, the device automatically shuts off the pressure to the instrument
- Pressure adjustment can be done by manipulating an external adjusting screw and lock nut.
- Setting Range:
  0.5~4 bars
  2~60 bars
  60~200 bars

Snubber

- Maximum Working Pressure to 6000 psi (414bar) at 100°F (38°C)
- Working Temperature from 25°F (-4°C) to 250°F (121°C)
- Protect pressure gauges from damages caused by pressure pulses and peaks.
- With an adjustable needle valve inside to restrict the flow when operating condition may demand
- Sizes: 1/4”~1/2” pipe thread

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