

GP International

Precision Fluid Control Solution Partner



GP International

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GP International

Your Precision Fluid Control Solution Partner.

GPI has been manufacturing and supplying various tubing and tube fittings for instrumentation, oil & gas, semiconductor, petrochemical, shipbuilding, and various plant businesses.

Especially, for tube fittings & valves, our brand 'GPI' has good reputation from our overseas customers because of good quality from our engineers having long experience and very competitive price.

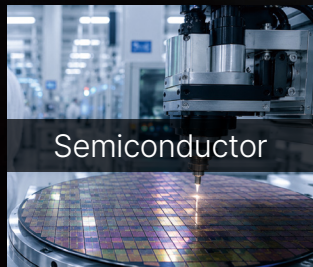
If you want to win against your competitors, please contact us. We can be your best partner.



Business Area



Oil & Gas



Semiconductor



Petrochemical



Plant



Shipbuilding



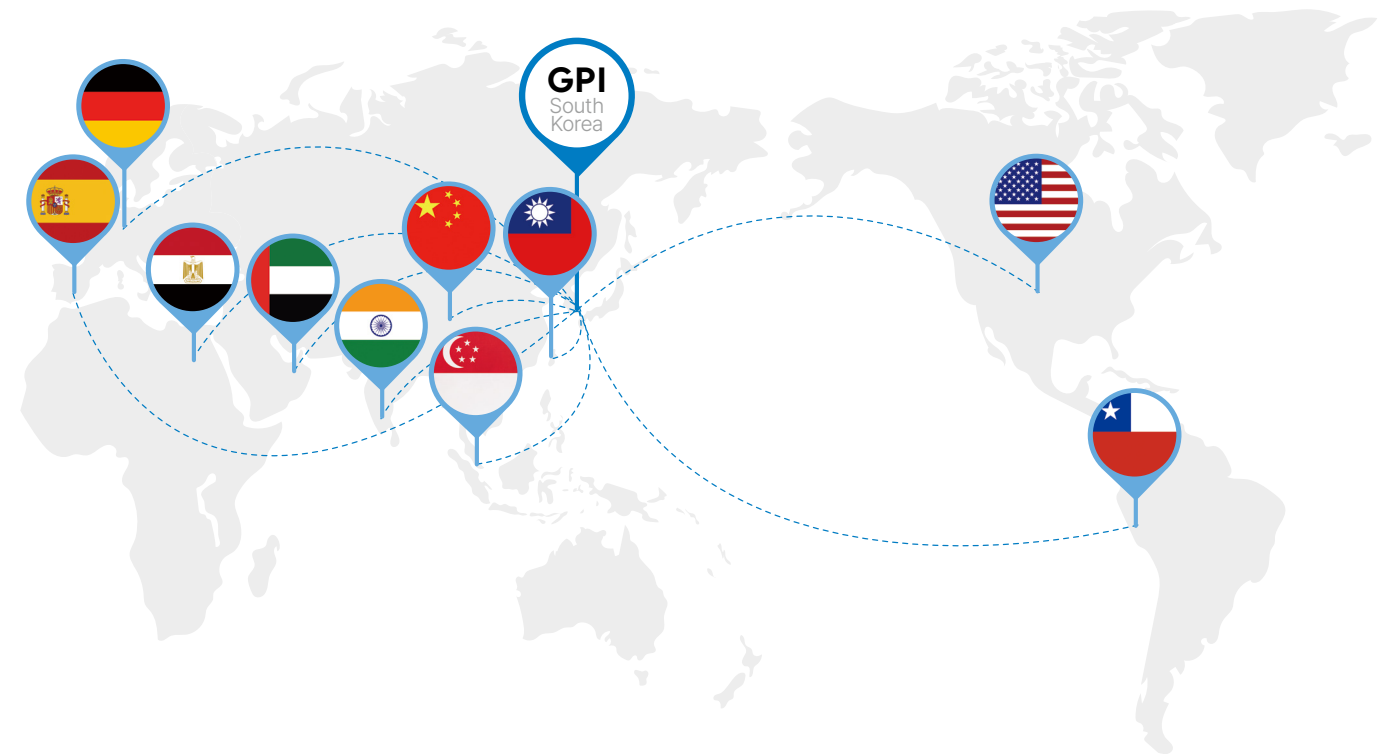
Nuclear Power



Aerospace

Global Sales Network

GERMANY | SPAIN | EGYPT | U.A.E | INDIA | CHINA | TAIWAN | SINGAPORE | USA | CHILE



History

2011 ~ Present

We are connecting with customers around the world and expanding our reach into the global industrial market.

2024

- Oct.** Busan factory relocation
- Aug.** Obtained CE certification

2016

- Feb.** Dubai tube fittings exports begin

2015

- Mar.** Start of exporting tube fittings to China

2013

- Mar.** Start of exporting tube fittings to USA

2011

- Dec.** Registering the GPI trademark for its own brand
- Jun.** Obtained ISO 9001 certification
- May** Company establishment

Certificate



ASTM F 1387



CE



ISO 9001

FITTINGS

GPI Tube Fittings



- Available in Size : 1/16 - 2 in. and 2~50mm
- Compression type double ferrule fittings
- Roll threaded construction
- Available variety of configurations
- Excellent vibration resistance
- Excellent leak-tight sealing
- Gaugeability and retighten
- S316, Brass, Carbon Steel, Alloy 400

Instrument Thread Fittings



- Size range from 1/8 to 2 inch piping.
- Standard S316 stainless steel and carbon steel
- NPT, ISO/BSP, and SAE threads
- According to ASME B31.1 & B31.3
- Rolled male threads
- Male threads are protected with cap
- Excellent threads constructed to ensure leak-free & reliable systems

Single Ferrule Fittings



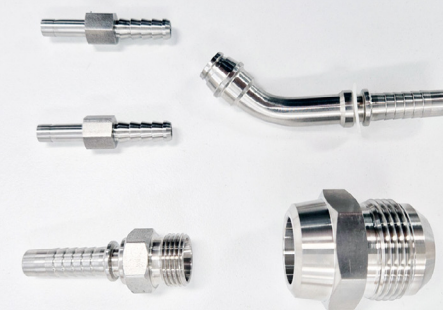
- Single Ferrule design
- Interchangeable with double ferrule tube fittings
- Excellent vibration, temperature compensation
- Low-torque assembly (Moly-coated Nuts)
- Roll Thread construction
- Stainless steel, Alloy
- Sizes : 1/16 to 2 in. & 2 to 50mm tubing

O-ring Face Seal Fittings



- Zero clearance
- Safety leak test ports
- Easy installation and maintenance
- Vacuum to high pressure

Hose Fittings



- Crimp fittings
- Reusable fittings
- Teflon fittings
- Barb fittings
- Push-on fittings
- Stainless steel

Bite Type Tube Fittings (JIS B2351)



- According to JIS B2351 Metric 24° Cone
- Single Ferrule design
- Stainless steel and carbon steel

Bite Type Tube Fittings (DIN2353)



- According to DIN2353 standard
- Two cutting edge single ring design
- Stainless Steel and Carbon Steel
- Metric tube O.D

JIC Fitting Adapters



- 37 flare fitting
- leak free with low torque
- SAE J514 / ISO 8434-2 Standard
- No need O-ring seal
- Stainless Steel
- Usable with either metric, inch tubes or hoses

Clean Fittings



- High purity metal to metal seal
- Leak-tight from vacuum to positive pressure
- Compact design for mainly gas line
- Suitable for miniature tubing system

NEEDLE VALVES

Integral Bonnet Needle Valves



- Pressure rating up to 5,000psi (340bar) @ 100°F(38°C)
- Temperature rating : -65°F(-54°C) to 450°F(232°C)
- SS316, Brass, and Alloy
- In-Line or Angle pattern
- Vee stem, Regulating stem, Soft seat
- Sizes : GPI 1/8 to 3/4 in., Pipe Thread 1/8 to 1/2 in.

Integral Bonnet Bar Stock Needle Valves



- Pressure rating up to 6,000psi (413bar) @ 100°F(38°C)
- Temperature rating : -65°F(-54°C) to 450°F(232°C)
- SS316, Alloy
- Vee stem, Regulating stem, Soft seat
- Sizes : GPI 1/4 to 1/2 in., Pipe Thread 1/4 to 3/4 in.

Union Bonnet Needle Valves



- Pressure rating up to 6,000psi (413bar) @ 100°F(38°C)
- Temperature rating :
up to 572°F(300°C) with PTFE packing
up to 1200°F(649°C) with Grafoil packing
- Standard SS316, optional Alloy 20. and Alloy C276
- Non-rotating globe type stem tip
- Sizes : GPI 1/8 to 1 in., Pipe Thread 1/8 to 1 in., S/W : 1/4 to 1/2 in.

High Pressure Needle Valves



- Pressure rating up to 10,000psi (689bar) @ 100°F(38°C)
- Temperature rating : -65°F(-54°C) to 450°F(233°C)
- SS316
- PTFE packing on stem for leak tight seal and long life cycle
- Sizes : GPI 1/8 to 1 in., Pipe Thread 1/4 to 3/4 in.

BALL VALVES

1000psi Ball Valves



- Pressure rating up to 1,000psi (69bar) @ 100°F(38°C)
- Temperature rating : -65°F(-54°C) to 400°F(205°C)
- SS316, Brass
- Butterfly handle optional
- Sizes : GPI 1/4 to 1 in., Pipe Thread 1/4 to 1 in.

3000psi Ball Valves



- Pressure rating up to 3,000psi (206bar) @ 100°F(38°C)
- Temperature rating : 50°F(10°C) to 150°F(65°C)
- SS316, Brass
- Sealing without system pressure
- Sizes : GPI 1/16 to 3/4 in., Pipe Thread 1/8 to 1/2 in.

High Pressure Ball Valves



- Pressure rating up to 10,000psi (690bar) @ 100°F(38°C)
- Temperature rating :
-22°F(-30°C) to 265°F(130°C) with PVDF Seat
-65°F(-54°C) to 500°F(260°C) with PEEK Seat
- SS316 • 2-way, 3-way
- Panel mounting and locking device are available
- Sizes : GPI 1/4 to 1 in., Pipe Thread 1/4 to 1 in.

DIN Type Ball Valves



- Pressure rating up to 7,200psi (500bar) @ 100°F(38°C)
- Temperature rating : -4°F(-20°C) to 210°F(100°C)
- SS316
- Sizes : Pipe Thread 1/4 to 2 in.

MANIFOLDS, DOUBLE BLOCK & BLEED VALVE

Gauge Root Valves



- Pressure rating up to 6,000psi(413bar) @ 100°F(38°C)
- Temperature rating : -65°F(-54°C) to 50°F(232°C)
- SS316
- Non-rotating globe stem tip
- Grafoil packing for high temperature available
- Standard gauge valve, longer body gauge root valve and extended 4" long body
- Multi-port designs and Block and Bleed style
- Sizes : Pipe Thread 1/2 to 3/4 in.

Manifolds Valves



- Pressure rating up to 6,000psi(413bar) @ 100°F(38°C)
- Temperature rating : -65°F(-54°C) to 973°F(523°C) with Grafoil packing
- SS316
- 2V, 3V and 5V as standard
- Remote or direct mounting
- Non-rotating globe stem tip

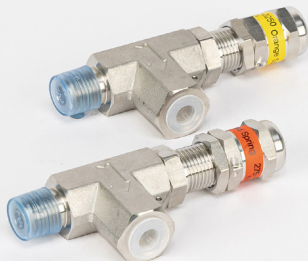
Double Block & Bleed Valve



- **Pressure rating**
ASME 150, 300, 600, 900, 2500
JIS 10K, 20K, 30K, 40K, 63K
- **End connection**
Flanged RF and RTJ
Butt weld and socket weld
Thread NPT and PT
* Other end connection to customer request
- **Size**
1/4" up to 2" and larger
- **Material**
Body : A105, F316, F304
- **Trim**
T316, T304
- **Seat**
ptfe, rtfe, nylon, peek, pctfe carbon graphite
* Titanium, monel, hastelloy, albc3 and other special materials are available to customer spec.
- **Maximum working pressure**
Lever, oval handle, electric or pneumatic actuator

VALVE

Relief Valves



- Pressure Rating up to 6,000 psig (413bar) @ 100°F (38°C)
- Temperature Rating : -10°F (-23°C) to 400°F (204°C)
- Cracking Pressure :
SRV30 - 10 psig (0.69 bar) to 250 psig (17.25bar)
SRV60 - 250 psig (17.25 bar) to 6000 psig (413bar)
- Stainless Steel
- Size : GPI 1/4 to 1/2 in., Pipe Thread 1/4 to 1/2 in.

Quick Connector



- Convenient and efficient with push-to-connect operation
- Leak-proof and safe
- Robust locking mechanism
- Single-End Shutoff (SE) stems are open while separated from the body.
- Double-End Shutoff (DE) stems are open while separated from the body.
- Stainless Steel

Check Valve



- Pressure Rating up to **3,000 psig** (206bar) @100°F (38°C)
- Temperature Rating : -10°F (-23°C) to 375°F (191°C)
- Cracking Pressure : 3 psig (0.2 bar) to 600 psig (41.3bar)
- Pressure Rating up to **6,000 psig** (413bar) @100°F (38°C)
- Temperature Rating : -10°F (-23°C) to 375°F (191°C)
- Cracking Pressure : 1/3 psig (0.02 bar) to 25 psig (1.7bar)
- Stainless Steel, Brass
- Size : GPI 1/8 to 1 in., Pipe Thread 1/8 to 1 in.
- S/W : 1/4 to 1 in.

INSTRUMENTATION TUBES

Instrumentation Tubes



- Seamless & Welded
- Bright Annealed (B/A)
- Austenite Stainless Steel
- Annealed & Pickled (A/P), OD Mechanically Polished 320 Grit
- Straight Lengths 6,000 or 6,096 mm



GP International is a manufacturer specializing in the production of instrumentation tube fittings and valves in Korea.

