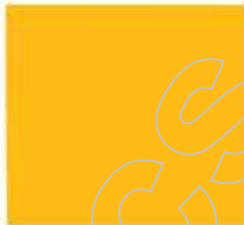


# P-lok<sup>®</sup>

(Precision Fittings)



## ABOUT US

P-lok started in the year 2016 as a manufacturer of Pressure Regulators, Auto Gas Changeover Panel, Valves and Fittings to the highest Quality standards and to withstand the persistent demands for various Industries. The entire product undergoes various tests to ensure precise control and high leak integrity enabling us to maintain manufacturing excellence across high volumes. The entire product is manufactured under well-equipped machinery and latest technologies and undergoes quality test at various stages right from raw material till finished stage. We have been serving our entire product range in India and across the globe to various Pharmaceuticals, Chemicals, Petro Chemicals, Semiconductor, Private and Government Institutes. Our products are approved by various consultant like MJ Associate, Knexir Consultant, IPS Mehtaliya Consultant, Arnita Consultant, Spectrum Pharma Consultant and other reputed consultant in India.

Plok offer wide range of products like

### ■ Change Over Panel

1. Semi Automatic Gas Change Over Panel
2. Manual Changeover Panel
3. Gas Manifold System



### ■ Regulator

1. Double Stage Cylinder Regulator for Inert & Flammable Gases.
2. Single Stage Cylinder Regulator for Inert, Flammable, Toxic & Corrosive Gases.
3. Piston Type High Pressure Regulator for Inert & Flammable Gases.
4. Double Stage Cylinder Regulator with Pre Heater for liquidify gases like N<sub>2</sub>O & CO<sub>2</sub>
5. High Flow Cylinder Regulator
6. Wall Mount Line regulator (Low & High Pressure)
7. Table Mount Regulator (Low & High Pressure)
8. High Flow Line Regulator



### ■ Valve & Micron Filter

1. Ball Valve
2. Needle Valve
3. Angle Pattern Needle Valve
4. Three Way Valve
5. Check Valve
6. Micron Filter
7. Quick Release Coupling (QRC)



### ■ Flexible Hoses

1. PTFE Hoses
2. SS 316 / 316 L Hoses



### ■ Tube & Pipe Fittings

1. Compression & Threaded Fitting
2. Orbital Weld Fittings
3. Socket Weld Fitting



### ■ Clamp / Support / Tagging

1. PP Clamp
2. Alluminium Profile
3. Tagging



## SEMI AUTOMATIC GAS CHANGEOVER SYSTEM

Description : The Semi-Automatic gas change over helps to do the changeover of one cylinder bank to another cylinder bank, This is done with the help of two pre-set regulator with differential pressure on both the side Pressure decrease in the active cylinder below the set level cause change over to full cylinder. The Liver moving towards the full cylinder bank helps of the disconnection and changeover of empty cylinder bank with the gas flow without interruption. The contact gauge or pressure transmitter used in the Auto gas changeover with low gas alarm panel helps to facilitate the alarm as per the pressure set on contact gauge or pressure transmitter.



Semi Automatic Changeover



Semi Automatic Changeover without Outlet Regulator



Semi Automatic Changeover with Pressure Transmitter

## MANUAL CHANGEOVER & MANIFOLD SYSTEM



Manual Changeover Panel for Two Cylinder



Manual Changeover Panel for Single Cylinder



Gas Manifold for Two Cylinder



Gas Manifold for Three Cylinder

## CYLINDER REGULATOR



NGS Series

Double Stage Cylinder Regulator

The NGS Series is a Double Stage Regulator used for Inert & Flammable gases. Inlet cylinder Pressure 150 Bar & Outlet Pressure 10 Bar.



NGSH Series

Double Stage Cylinder Regulator with Pre Heater

The NGSH Series is a Double Stage Regulator used for liquified gases. Inlet cylinder Pressure 150 Bar & Outlet Pressure 10 Bar.



NGSS Series

Single Stage Cylinder Regulator

The NGSS Series is a Single Stage Regulator used for Inert & Flammable gases. Inlet cylinder pressure ranges from 40 Bar to 10 Bar & outlet pressure ranging from 10 Bar to 4 Bar.

## CYLINDER REGULATOR



**FBG Series**

### Piston Type Cylinder Regulator

The FBG Series is a Piston type regulator used for high pressure user point application Inlet pressure 150 Bar & Outlet Pressure ranging from 12 Bar to 150 Bar.



**TXC Series**

### Single Stage Cylinder Regulator

The TXC Series is a Single Stage Cylinder Regulator used for corrosive / reactive gases like HCL, Cl<sub>2</sub>, NH<sub>3</sub>, SFG, H<sub>2</sub>S etc. Inlet Pressure range from 150 Bar to 10 Bar & Outlet Pressure ranging from 10 Bar to 2 Bar.



**HFS Series**

### Double Stage Cylinder Regulator

The HFS Series is a Double Stage Regulator having a flow range of 700 to 3000 LPM used for Inert & Flammable gases like for ZA, N<sub>2</sub>, H<sub>2</sub>, He, Argon. O<sub>2</sub>, C<sub>2</sub>H<sub>2</sub> etc. Inlet cylinder Pressure 150 Bar & Outlet Pressure 10 Bar.

## POINT OF USE REGULATOR (WALL MOUNT)

### DESCRIPTION

The Point of Use regulator is a single stage regulator consist of inlet/outlet pressure gauge, Ball Valve, Safety relief valve (as per requirement).



**Regulator with Outlet Pressure Gauge**



**Regulator with Inlet & Outlet Pressure Gauge**



**Regulator with Outlet Pressure Gauge & Ball Valve**



**Regulator with Inlet & Outlet Pressure Gauge & Ball Valve**

## POINT OF USE REGULATOR (TABLE MOUNT)



**Regulator with Outlet Pressure Gauge & Ball Valve**



**Regulator with Outlet Pressure Gauge, Needle Valve & Shut Off Valve**



**Regulator with Outlet Pressure Gauge, Needle Valve**

## HIGH FLOW LINE REGULATOR



**Regulator with Inlet & Outlet Pressure Gauge**



**Regulator with Outlet Pressure Gauge**

## BALL VALVES



**Ball Valve with Tube Fittings**



**Ball Valve with Female Fittings**



**Three Way Ball Valve with Tube Fittings**



**Ball Valve with Female Fittings**

## NEEDLE VALVES



Needle Valve with  
Tube Fittings



Needle Valve with  
Female Fittings



Needle Valve with  
Female Fittings



Angle Pattern Needle Valve  
with Female Fittings

## CHECK VALVE



CHECK VALVE  
(Tube Fitting)



CHECK VALVE  
BSP / NPT (Male / Female End)



CHECK VALVE  
BSP / NPT (Female End)

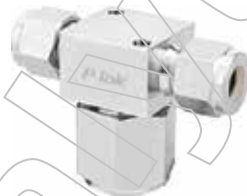


CHECK VALVE  
BSP / NPT (Male End)

## MICRON FILTER



MICRON FILTER  
(Inline Type)



MICRON FILTER  
(TEE Type)

## QUICK RELEASE COUPLING



QRC (Complete Assembly)



QRC (Body)



QRC (Stem)

## FLEXIBLE HOSES

P-Lok manufactures varieties of flexible hose which are specially designed for cylinder, Autoclave and for high and low pressure application. It comes with Complete SS 316/SS316L /Thermoplast and PTFE internal with SS 304 / SS 316 / SS 316L outer brading. It comes with Tube fittings, BSP Male / Female, Triclono fitting and with nut bull nose as per cylinder requirement. The hoses comes with safety roap which ensure better safety.



BSPM End Connection



BSPF End Connection



Tube End Connection



TC End Connection

## FITTINGS

### COMPRESSION END FITTINGS

#### APPLICATIONS

- Gas Piping System, Instrumentation Piping, High Pressure Services, Auto Claves & Pilot Plant

#### FEATURES

- Quick & Easy to Install
- No Special Tools & Skills Required
- Compression Front Ferrule for Easy Installation
- Vibration Resistance
- Comes in four parts, mainly body, nut, Front Ferrule & Back Ferrule
- Suitable for all types of OD Tubes
- High pressure & vibration resistance
- Hardened thread / smooth surface finish to avoid galling.



### CONNECTOR

#### APPLICATIONS

- Gas Piping System, Instrumentation Piping, High Pressure Services, Auto Claves & Pilot Plant

#### FEATURES

- Quick & Easy to Install
- No Special Tools & Skills Required
- NPT / BSP (Male / Female) Thread
- Specially Designed for High Pressure upto 300 Bar
- Vibration Resistance
- Safe, reliable & leak proof connector



### CONNECTOR (TEE & ELBOW)

#### APPLICATIONS

- Gas Piping & Instrumentation Piping, High Pressure Services, Auto Claves & Pilot Plant

#### FEATURES

- Quick & Easy to Install
- No Special Tools & Skills Required
- NPT / BSP (Male / Female) Thread
- Specially Designed for High Pressure upto 300 Bar
- Vibration Resistance



## ORBITAL WELD FITTINGS

### APPLICATIONS

- Gas Piping & Utility Piping System, Semi Conductor, High Pressure Services, Auto Claves & Pilot Plant

### FEATURES

- Specially Designed for High Pressure
- 100% Leak Proof due to Orbital Welding
- High Pressure & Vibration Resistance
- For automatic & normal welding
- Suitable for all types of OD tubes



## SOCKET WELD FITTINGS

### APPLICATIONS

- Thermal Power Plant, Gas Piping System, Paper & Cement Industries, Breweries Industries, High Pressure Services, Auto Claves & Pilot Plant

### FEATURES

- Specially Designed for High Pressure
- 100% Leak Proof due to Orbital Welding
- Forged Material
- Socket Weld
- According to ASME B16



## PP CLAMP / PROFILE / TAGGING



PP Clamp

### SIZE AVAILABLE

- 1/4" PP CLAMP
- 3/8" PP CLAMP
- 1/2" PP CLAMP
- 3/4" PP CLAMP
- 1" PP CLAMP



Allen Bolt Tee Nut



PP Clamp

### SIZE AVAILABLE

- 1 1/4" PP CLAMP
- 1 1/2" PP CLAMP
- 2" PP CLAMP
- 15 NB PP CLAMP
- 20 NB PP CLAMP
- 25 NB PP CLAMP
- 32 NB PP CLAMP
- 40 NB PP CLAMP
- 50 NB PP CLAMP

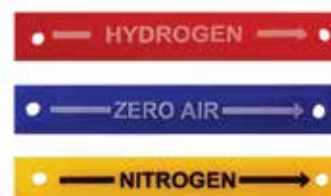


Hexagonal Head Bolt Base Plate Cover Plate

PP Clamp & Accessories



Aluminium Profile (Powder Coated)



Tagging



# P-lok<sup>®</sup>

(Precision Fittings)

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