CONNECTION
SOLUTIONS.

# Fluidfit

## CDC Pneumatics :
## Pure & Safe



Distributor in Denmark

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Fluidfit

## CONTENTS


03 About Us
04 Features / Specifications
05 Products
07 Selection Guide
08 Connection & Disconnection / Product Code System / Caution

09 **POM**
10 **FITTINGS**
11 - Metric Fittings
15 - Inch Fittings
19 - Swivel Type Fittings
22 - Large Size Fittings
23 **VALVES**
23 - Single Check Valves
24 - Flow Control Valves
26 - Ball Valves
28 **FILTER STRAINERS**
29 **STEELFIT**
30 **CARTRIDGES**
32 **ACCESSORIES**

33 **PP**
34 **FITTINGS**
35 **VALVES**

37 **PE - TUBE**

# Fluidfit

## Naturally high-quality, improved by technology.

Fitting for Potable Water, Beverages & Drink Dispense

## Why Fluidfit Stands Out

Fluidfit sets itself apart by delivering innovative solutions and proven reliability centered on total customer satisfaction.

### ✔ Reliable Products

- Each product is inspected with 100% quality control to meet the highest standards
- Certified by NSF 51/61, WRAS, KTW, and ICIM, underscoring our commitment to excellence

### ✔ Easy Operation without Tools

- Engineered for ease of use, requiring no tools for simple, efficient operation

### ✔ Pure and Safe

- Designed with FDA-approved EPDM O-rings and premium materials, ideal for water, beverage, and drink dispensing applications, ensuring safe and reliable use

### ✔ Eco-friendly

- Created using eco-friendly materials and processes to minimize our environmental footprint



## Applications and Features

- **Versatile performance** for water, food, and air, with specialized compatibility for gases, vacuum, and liquids.
- Instant single-actionconnection and release - engineered to **minimize installation time and operational costs**
- Fluidfit products are made of **NSF approved non-toxic materials**
- Various uses depending on the user's environment and application

## Specifications

- Fluidfit products are designed for water,food and air contact
- **Fluid type** : Water,Beverages
- **Applicable Tube** : Polyethylene(PE),Polyamide(PA), Polyurethane(PU)

# FLUIDFIT **Products**

| Color | BK Black WT White GY Gray

## POM | Fittings, Valves and etc.




**Metric** Fittings BK WT



**Inch** Fittings GY



**Large Size** Fittings BK

### Push-in Fittings : Metric Size Fittings / Inch Size Fittings / Swivel type Fittings / Large Size Fittings

- **One-touch type** enabling easy to attach and detach,safe use
- **Cork-type** allowing excellent sealing function and high durability against leakage
- Made of **FDA-approved** material ensuring its safety,certified as **NSF 51, 61**
- Food and beverage fittings with oval sleeves



### Check Valves BK WT GY

- Non-return valve that allows fluid to flowonly in one direction
- Usable for water,food and beverage
- Compact size for convenient use in narrowspaces
- Easy toinstall and convenient to use



### Flow Control Valves BK GY

- Valve that discharges constant flowby controlling small flow rate
- Usable for water,food and beverage
- Flow rate increase / decrease controller available under anyspatial changes
- Securable stability under any temperature changes



### Ball Valves BK WT GY

- Valve to open and close the supply of compressed air and water
- Usable for air and water,convenient for use in confined spaced
- Adaptive fit for various hose sizes,ensuring a secure connection and consistent flow area



## Filter Strainers BK GY

- Usable for water,food and beverage
- Filter out fine impurities with stainless steel filter net
- Easy filter installation and replacement



## STEELFIT GY

- Nut and holder with two O-rings provide a stronger seal
- Allowing the use of stainless pipe or similar tube



## Cartridges BK WT GY

- Effectively inserting and using a counterpart with a cavity in the counterpart
- Composed of half & full cartridges made of acetal and brass materials



## Accessories

- Usable for water,food and beverage
- Made of FDA-approved material ensuring its safety,certified as NSF 51, 61

# PP | Valves



## Ball Valves WT

- More chemically resistant than acetal
- Used in water supply feed line, Beverage dispenser

# PE | Tubes



## Tubes

- Water purifier,coffee machine, food and beverage hose
- Available for various range of temperatures and pressures
- Excellent chemical durability
- Compliance with FDA standards

# **Selection Guide** for F&B Fitting Materials

| | **POM**<br>(Polyoxymethylene) | **PP**<br>(Polypropylene) |
|---|---|---|
| **Product** |  |  |
| **Operating Temperature**<br>(Continuous Use Standards) | **-20~98°C**<br>∗Certified Temp: 0°C ~ 65°C | **0~60°C** |
| **Operating Pressure**<br>(May vary depending on the tube type and temperature) | **-0.95bar ~ 20bar** | **0bar ~ 10bar** |
| **Applications** | • Residential & Commercial Purifiers<br>• Cold & Ambient Water Lines<br>• RO(Reverse Osmosis) Systems<br>• Food & Beverage Equipment Feed Line | • F&B Equipment Internal Piping<br>• Washable Sections in Food Facilities<br>• Beverage & Dairy Transfer Systems<br>• Auxiliary Water Lines for F&B Processing |
| **O-Ring / Body** | EPDM, NBR / POM | EPDM, NBR / PP |
| **Applicable Certifications** | NSF51, NSF61, WRAS, ICIM, ACS, KTW-BWGL | NSF51, NSF61 |

※ **Note**: Bodies and O-rings available in alternative materials upon request.

**Maximum Torque Values for BSP, BSPT and NPT Plastic Threads**

| **Threads** | 1/8" | 1/4" | 3/8" | 1/2" | 3/4" |
|---|---|---|---|---|---|
| **Max. Torque** | 1.5Nm | 1.5Nm | 3.0Nm | 3.0Nm | 4.0Nm |

# Connection & Disconnection

❶



Use a tube cutter when connecting.

❷



Insert the tube into the fitting fully up to the tube stop.

❸



Pull the tube to check its security.

❹



After pulling the tube, insert the clip between body and sleeve.

❺



Push back the tube one more time to check it is secure.
The usage of clip is to prevent the tube pulling-out and the shaking.

❻



Check the system pressure before pulling out the tube. Remove the clip before removing the tube.

❼



To remove the tube press, hold collet while pulling out the tube.

# Product **Code System**

METRIC - **BSPT(R)**

**HPC 06 - R01**

FITTING FOR WATER APPLICATION

TUBE DIA

| CODE | SIZE |
|---|---|
| 04 | Ø4 |
| 06 | Ø6 |
| 08 | Ø8 |
| 10 | Ø10 |
| 12 | Ø12 |

THREAD SIZE

| R(PT) THREAD | |
|---|---|
| CODE | SIZE |
| R01 | R1/8 |
| R02 | R1/4 |
| R03 | R3/8 |
| R04 | R1/2 |

METRIC - **BSPP(G)**

**HPC 04 - G01**

FITTING FOR WATER APPLICATION

TUBE DIA

| CODE | SIZE |
|---|---|
| 04 | Ø4 |
| 05 | Ø5 |
| 06 | Ø6 |
| 08 | Ø8 |
| 10 | Ø10 |
| 12 | Ø12 |
| 15 | Ø15 |
| 22 | Ø22 |

THREAD SIZE

| G(PF) THREAD | |
|---|---|
| CODE | SIZE |
| G01 | G1/8 |
| G02 | G1/4 |
| G03 | G3/8 |
| G04 | G1/2 |
| G05 | G5/8 |
| G06 | G3/4 |

INCH - **NPT**

**HPC 5/32 - N01**

FITTING FOR WATER APPLICATION

TUBE DIA

| CODE | SIZE |
|---|---|
| 5/32 | Ø5/32 |
| 3/16 | Ø3/16 |
| 1/4 | Ø1/4 |
| 5/16 | Ø5/16 |
| 3/8 | Ø3/8 |
| 1/2 | Ø1/2 |

THREAD SIZE

| NPT THREAD | |
|---|---|
| CODE | SIZE |
| N01 | NPT1/8 |
| N02 | NPT1/4 |
| N03 | NPT3/8 |
| N04 | NPT1/2 |

# ⚠ Caution

- **Intended Use**: Use for water, food, and beverage applications only. Contact us for other chemicals or media.
- **No Modification**: Do not disassemble or modify products. This voids the warranty and may cause leaks or failure.
- **Stress Avoidance**: Prevent excessive stress from rotation, twisting, or shock to avoid product damage.
- **Temperature Limit**: Do not exceed 80°C. Higher temperatures may cause malfunction or failure.
- **Proper Sealing**: Use Teflon tape only for threaded fittings. Do not use pipe glue or liquid sealants.
- **Pressure Safety**: Never pull tubing or press the collet while the line is pressurized.
- **Locking Clips**: Always use locking clips to prevent unintended separation.
- **Torque Spec**: Follow recommended torque data. Over-torquing may cause damage or leaks.
- **Disassembly**: Verify that line pressure is completely removed before disconnecting tubes.
- **Product Notice**: Specifications may change without notice for improvement; actual products may vary from images.

Fluidfit

# POM Series

## Polyoxymethylene

- Fittings
- Valves
- Filter Strainers
- Steelfit
- Cartridges
- Accessories

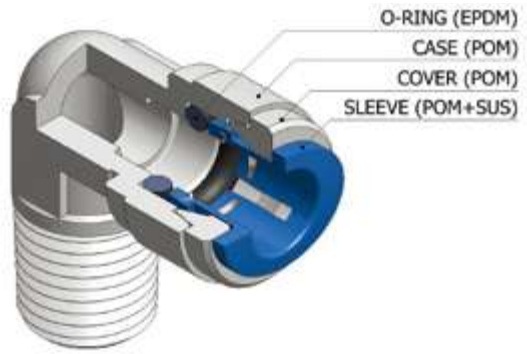


# POM **Fittings**

Metric Fittings / Inch Fittings / Swivel Fittings / Large Fittings

## Technical information

### Structural Diagram




### Applications

- Versatile performance for water, food, and air, with specialized compatibility for gases, vacuum, and liquids
- Fluidfit products are made of NSF approved non-toxic materials
- Various uses depending on the user's environment and application

### Features

- One-touch type enabling easy to attach and detach, safe use
- Cork-type allowing excellent sealing function and high durability against leakage
- Food and beverage fittings with oval sleeves

### Color Codes

BK Black GY Gray WT White

### Specifications

- **Material :** POM, SUS301, EPDM
- **Temperature Range :** -20 °C ~ 98 °C
- **Operating Pressure :** Refer to the table below
- **Applicable Fluids :** Water, Food & Beverage

| Φ / °C | -20°C | 1°C | 70°C | 98°C |
|---|---|---|---|---|
| 4mm ~ 8mm (5/32″ ~ 5/16″) | 8 Bar (With dry air only) | 20 Bar | 16 Bar | 10 Bar |
| 10mm (3/8″) | | 16 Bar | 14 Bar | 10 Bar |
| 12mm ~ 22mm (1/2″ ~ 5/8″) | | 14 Bar | 8 Bar | 6 Bar |

⚠ **Caution**

- **Certified Temp**: **0°C ~ 65°C (NSF Standard) [Warranty valid only within this range]**
- **Ambient Temperature Exposure**: Up to 98°C **[Fluid temp must remain below 65°C]**
- **Operational Limits**: Use beyond specified limits may cause damage; Manufacturer is not liable for misuse.
- **Inquiries**: Contact us for any non-standard application.

## POM FITTINGS

# Metric Fittings BK WT



Male Connector

## HPC

| PART NO. | TUBE (Metric) | THREAD (R) | Qty/Box |
|---|---|---|---|
| HPC04R01B | 04 | R1/8 | 100 |
| HPC06R01B | 06 | R1/8 | 100 |
| HPC06R02B | 06 | R1/4 | 100 |
| HPC06R03B | 06 | R3/8 | 50 |
| HPC06R04B | 06 | R1/2 | 50 |
| HPC08R01B | 08 | R1/8 | 100 |
| HPC08R02B | 08 | R1/4 | 50 |
| HPC08R03B | 08 | R3/8 | 50 |
| HPC08R04B | 08 | R1/2 | 50 |
| HPC10R02B | 10 | R1/4 | 50 |
| HPC10R03B | 10 | R3/8 | 50 |
| HPC10R04B | 10 | R1/2 | 50 |
| HPC12R03B | 12 | R3/8 | 50 |
| HPC12R04B | 12 | R1/2 | 50 |

| PART NO. | TUBE (Metric) | THREAD (NPT) | Qty/Box |
|---|---|---|---|
| HPC06-N03B | 06 | NPT3/8 | 50 |
| HPC12-N04B | 12 | NPT1/2 | 50 |



Male Connector

## HPC-G

| PART NO. | TUBE (Metric) | THREAD (G) | Qty/Box |
|---|---|---|---|
| HPC04G01B | 04 | G1/8 | 100 |
| HPC04G02B | 04 | G1/4 | 100 |
| HPC06G01B | 06 | G1/8 | 100 |
| HPC06G02B | 06 | G1/4 | 100 |
| HPC08G01B | 08 | G1/8 | 100 |
| HPC08G02B | 08 | G1/4 | 50 |
| HPC08G03B | 08 | G3/8 | 50 |
| HPC08G04B | 08 | G1/2 | 50 |
| HPC10G02B | 10 | G1/4 | 50 |
| HPC10G03B | 10 | G3/8 | 50 |
| HPC10G04B | 10 | G1/2 | 25 |
| HPC12G03B | 12 | G3/8 | 25 |
| HPC12G04B | 12 | G1/2 | 25 |



Female Adapter

## HCF-G

| PART NO. | TUBE (Metric) | THREAD (G) | Qty/Box |
|---|---|---|---|
| HCF04G01B | 04 | G1/8 | 50 |
| HCF06G01B | 06 | G1/8 | 50 |
| HCF06G02B | 06 | G1/4 | 50 |
| HCF06G03B | 06 | G3/8 | 50 |
| HCF06G06B | 06 | G3/4 | 20 |
| HCF08G01B | 08 | G1/8 | 50 |
| HCF08G02B | 08 | G1/4 | 50 |
| HCF08G03B | 08 | G3/8 | 50 |
| HCF08G04B | 08 | G1/2 | 25 |
| HCF08G05B | 08 | G5/8 | 25 |
| HCF08G06B | 08 | G3/4 | 20 |
| HCF10G02B | 10 | G1/4 | 50 |
| HCF10G03B | 10 | G3/8 | 25 |
| HCF10G04B | 10 | G1/2 | 25 |
| HCF10G05B | 10 | G5/8 | 25 |
| HCF10G06B | 10 | G3/4 | 20 |
| HCF12G02B | 12 | G1/4 | 50 |
| HCF12G03B | 12 | G3/8 | 25 |
| HCF12G04B | 12 | G1/2 | 25 |

| PART NO. | TUBE (Metric) | THREAD (UNS) | Qty/Box |
|---|---|---|---|
| HCF06-UNS7/16-24B | 06 | 7/16-24 | 50 |
| HCF08-UNS7/16-24B | 08 | 7/16-24 | 50 |

| PART NO. | TUBE (Metric) | THREAD (UNF) | Qty/Box |
|---|---|---|---|
| HCF06-UNF7/16-20B | 06 | 7/16-20 | 50 |
| HCF08-UNF7/16-20B | 08 | 7/16-20 | 50 |
| HCF10-UNF7/16-20B | 10 | 7/16-20 | 50 |



Female Adapter

## HCF-NH

| PART NO. | TUBE (Metric) | THREAD (NH) | Qty/Box |
|---|---|---|---|
| HCF06-NH06B | 06 | NH 3/4 | 20 |
| HCF08-NH06B | 08 | NH 3/4 | 20 |
| HCF10-NH06B | 10 | NH 3/4 | 20 |

**Color** BK Black WT White



Stem Adapter

# HCJ

| PART NO. | STEM O.D (Metric) | THREAD (R) | Qty/Box |
|---|---|---|---|
| HCJ04R01B | 04 | R1/8 | 100 |
| HCJ04R02B | 04 | R1/4 | 100 |
| HCJ06R01B | 06 | R1/8 | 100 |
| HCJ06R02B | 06 | R1/4 | 100 |
| HCJ08R01B | 08 | R1/8 | 100 |
| HCJ08R02B | 08 | R1/4 | 50 |
| HCJ08R03B | 08 | R3/8 | 50 |
| HCJ10R02B | 10 | R1/4 | 50 |
| HCJ10R03B | 10 | R3/8 | 50 |
| HCJ10R04B | 10 | R1/2 | 25 |
| HCJ12R03B | 12 | R3/8 | 50 |
| HCJ12R04B | 12 | R1/2 | 25 |



Stem Adapter

# HCJ-G

| PART NO. | STEM O.D (Metric) | THREAD (G) | Qty/Box |
|---|---|---|---|
| HCJ04G01B | 04 | G1/8 | 100 |
| HCJ04G02B | 04 | G1/4 | 100 |
| HCJ06G01B | 06 | G1/8 | 100 |
| HCJ06G02B | 06 | G1/4 | 100 |
| HCJ08G01B | 08 | G1/8 | 100 |
| HCJ08G02B | 08 | G1/4 | 50 |
| HCJ08G03B | 08 | G3/8 | 50 |
| HCJ10G02B | 10 | G1/4 | 50 |
| HCJ10G03B | 10 | G3/8 | 50 |
| HCJ10G04B | 10 | G1/2 | 25 |
| HCJ12G03B | 12 | G3/8 | 50 |
| HCJ12G04B | 12 | G1/2 | 25 |



Male Elbow

# HPL

| PART NO. | TUBE (Metric) | THREAD (R) | Qty/Box |
|---|---|---|---|
| HPL04R01B | 04 | R1/8 | 100 |
| HPL04R02B | 04 | R1/4 | 50 |
| HPL06R01B | 06 | R1/8 | 100 |
| HPL06R02B | 06 | R1/4 | 50 |
| HPL06R03B | 06 | R3/8 | 50 |
| HPL08R02B | 08 | R1/4 | 50 |
| HPL08R03B | 08 | R3/8 | 50 |
| HPL10R02B | 10 | R1/4 | 50 |
| HPL10R03B | 10 | R3/8 | 50 |
| HPL12R02B | 12 | R1/4 | 25 |
| HPL12R03B | 12 | R3/8 | 25 |
| HPL12R04B | 12 | R1/2 | 25 |

| PART NO. | TUBE (Metric) | THREAD (NPT) | Qty/Box |
|---|---|---|---|
| HPL06-N01B | 06 | NPT1/8 | 100 |
| HPL06-N02B | 06 | NPT1/4 | 50 |
| HPL06-N03B | 06 | NPT3/8 | 50 |
| HPL12-N04B | 12 | NPT1/2 | 50 |



Stem Elbow

# HLJ

| PART NO. | STEM O.D (Metric) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HLJ04-04B | 04 | 04 | 100 |
| HLJ06-06B | 06 | 06 | 100 |
| HLJ06-08B | 06 | 08 | 100 |
| HLJ08-08B | 08 | 08 | 50 |
| HLJ10-06B | 10 | 06 | 50 |
| HLJ10-08B | 10 | 08 | 50 |
| HLJ10-10B | 10 | 10 | 50 |
| HLJ12-12B | 12 | 12 | 25 |

| PART NO. | STEM O.D (Inch) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HLJ1/4-06B | 1/4 | 06 | 100 |
| HLJ3/8-06B | 3/8 | 06 | 50 |



Stem Reducer

# HGJ

| PART NO. | STEM O.D (Metric) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HGJ04-05B | 04 | 05 | 100 |
| HGJ06-04B | 06 | 04 | 100 |
| HGJ08-04B | 08 | 04 | 100 |
| HGJ08-06B | 08 | 06 | 50 |
| HGJ08-08B | 08 | 08 | 50 |
| HGJ08-10B | 08 | 10 | 50 |
| HGJ10-06B | 10 | 06 | 50 |
| HGJ10-08B | 10 | 08 | 50 |
| HGJ12-08B | 12 | 08 | 25 |
| HGJ12-10B | 12 | 10 | 25 |

| PART NO. | STEM O.D (Inch) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HGJ1/4-06B | 1/4 | 06 | 50 |



Bulkhead Connector

# HMM

| PART NO. | TUBE (Metric) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HMM04-04B | 04 | 04 | 50 |
| HMM06-04B | 06 | 04 | 50 |
| HMM06-06B | 06 | 06 | 50 |
| HMM08-06B | 08 | 06 | 25 |
| HMM08-08B | 08 | 08 | 25 |
| HMM10-10B | 10 | 10 | 25 |
| HMM12-12B | 12 | 12 | 20 |

| PART NO. | TUBE (Metric) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| HMM06-1/4B | 06 | 1/4 | 50 |

| Color | BK Black | WT White |



Union Connector

# HUC

| PART NO. | TUBE (Metric) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HUC0404B | 04 | 04 | 100 |
| HUC0604B | 06 | 04 | 100 |
| HUC0605B | 06 | 05 | 100 |
| HUC0606B | 06 | 06 | 100 |
| HUC0804B | 08 | 04 | 50 |
| HUC0806B | 08 | 06 | 50 |
| HUC0808B | 08 | 08 | 50 |
| HUC1006B | 10 | 06 | 50 |
| HUC1008B | 10 | 08 | 50 |
| HUC1010B | 10 | 10 | 50 |
| HUC1208B | 12 | 08 | 25 |
| HUC1210B | 12 | 10 | 25 |
| HUC1212B | 12 | 12 | 25 |



Two Way Divider

# HUY

| PART NO. | TUBE (Metric) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HUY0404B | 04 | 04 | 100 |
| HUY0606B | 06 | 06 | 50 |
| HUY0808B | 08 | 08 | 50 |
| HUY1008B | 10 | 08 | 25 |
| HUY1010B | 10 | 10 | 25 |
| HUY1212B | 12 | 12 | 20 |



Union Elbow

# HUL

| PART NO. | TUBE (Metric) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HUL0404B | 04 | 04 | 100 |
| HUL0604B | 06 | 04 | 100 |
| HUL0606B | 06 | 06 | 100 |
| HUL0804B | 08 | 04 | 50 |
| HUL0806B | 08 | 06 | 50 |
| HUL0808B | 08 | 08 | 50 |
| HUL1006B | 10 | 06 | 50 |
| HUL1008B | 10 | 08 | 50 |
| HUL1010B | 10 | 10 | 50 |
| HUL1206B | 12 | 06 | 25 |
| HUL1208B | 12 | 08 | 25 |
| HUL1210B | 12 | 10 | 25 |
| HUL1212B | 12 | 12 | 25 |

| PART NO. | TUBE (Inch) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HUL1/4-06B | 1/4 | 06 | 100 |
| HUL1/2-12B | 1/2 | 12 | 25 |



Union Tee

# HUT

| PART NO. | TUBE (Metric) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HUT0404B | 04 | 04 | 100 |
| HUT0606B | 06 | 06 | 50 |
| HUT0808B | 08 | 08 | 50 |
| HUT1010B | 10 | 10 | 25 |
| HUT1212B | 12 | 12 | 20 |

| PART NO. | TUBE (Metric) | TUBE (Metric) | TUBE (Metric) | Qty/Box |
|---|---|---|---|---|
| HUT100608B | 10 | 06 | 08 | 25 |
| HUT100610B | 10 | 06 | 10 | 25 |
| HUT121012B | 12 | 10 | 12 | 20 |



Female Plug

# HPF

| PART NO. | TUBE (Metric) | Qty/Box |
|---|---|---|
| HPF04B | 04 | 100 |
| HPF06B | 06 | 100 |
| HPF08B | 08 | 100 |
| HPF10B | 10 | 100 |
| HPF12B | 12 | 50 |



Male Plug

# HPP

| PART NO. | TUBE (Metric) | Qty/Box |
|---|---|---|
| HPP04B | 04 | 200 |
| HPP06B | 06 | 200 |
| HPP08B | 08 | 100 |
| HPP10B | 10 | 100 |
| HPP12B | 12 | 100 |

**| Color |** BK Black WT White



Stem Adapter

## HSJ

| PART NO. | STEM O.D (Metric) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HSJ0404B | 04 | 04 | 100 |
| HSJ0606B | 06 | 06 | 50 |
| HSJ0808B | 08 | 08 | 50 |
| HSJ1010B | 10 | 10 | 25 |
| HSJ1212B | 12 | 12 | 20 |



Stem Tee

## HTJ

| PART NO. | STEM O.D (Metric) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HTJ0808B | 08 | 08 | 25 |



Union Cross

## HZA

| PART NO. | TUBE (Metric) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HZA0606B | 06 | 06 | 25 |
| HZA0808B | 08 | 08 | 20 |
| HZA1010B | 10 | 10 | 20 |



Offset Connector

## HUGL

| PART NO. | STEM O.D (Metric) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HUGL1208B | 12 | 08 | 25 |



Stem Barb Connector

## HCJB

| PART NO. | STEM O.D (Metric) | TUBE I.D (Metric) | Qty/Box |
|---|---|---|---|
| HCJB0604B | 06 | 04 | 100 |
| HCJB0606B | 06 | 06 | 100 |
| HCJB0806B | 08 | 06 | 100 |
| HCJB1006B | 10 | 06 | 100 |
| HCJB1008B | 10 | 08 | 100 |
| HCJB1010B | 10 | 10 | 100 |
| HCJB1210B | 12 | 10 | 100 |



Barb Connector

## HCBB

| PART NO. | TUBE (Metric) | Stem I.D (Metric) | Qty/Box |
|---|---|---|---|
| HCBB1210B | 12 | 10 | 25 |



Stem Barb Elbow Connector

## HLJB

| PART NO. | STEM O.D (Metric) | TUBE I.D (Metric) | Qty/Box |
|---|---|---|---|
| HLJB1006B | 10 | 06 | 100 |
| HLJB1008B | 10 | 08 | 100 |

Color | BK Black WT White

## POM FITTINGS

# Inch Fittings GY



Male Connector

## HPC

| PART NO. | TUBE (Inch) | THREAD (NPT) | Qty/Box |
|---|---|---|---|
| HPC5/32-N01G | 5/32 | NPT1/8 | 100 |
| HPC5/32-N02G | 5/32 | NPT1/4 | 100 |
| HPC3/16-N01G | 3/16 | NPT1/8 | 100 |
| HPC3/16-N02G | 3/16 | NPT1/4 | 100 |
| HPC1/4-N01G | 1/4 | NPT1/8 | 100 |
| HPC1/4-N02G | 1/4 | NPT1/4 | 100 |
| HPC1/4-N03G | 1/4 | NPT3/8 | 50 |
| HPC1/4-N04G | 1/4 | NPT1/2 | 50 |
| HPC5/16-N01G | 5/16 | NPT1/8 | 50 |
| HPC5/16-N02G | 5/16 | NPT1/4 | 50 |
| HPC5/16-N03G | 5/16 | NPT3/8 | 50 |
| HPC5/16-N04G | 5/16 | NPT1/2 | 50 |
| HPC3/8-N01G | 3/8 | NPT1/8 | 50 |
| HPC3/8-N02G | 3/8 | NPT1/4 | 50 |
| HPC3/8-N03G | 3/8 | NPT3/8 | 50 |
| HPC3/8-N04G | 3/8 | NPT1/2 | 50 |
| HPC1/2-N03G | 1/2 | NPT3/8 | 50 |
| HPC1/2-N04G | 1/2 | NPT1/2 | 25 |
| HPC5/8-N04G | 5/8 | NPT1/2 | 20 |

| PART NO. | TUBE (Inch) | THREAD (R) | Qty/Box |
|---|---|---|---|
| HPC1/4-R01G | 1/4 | R1/8 | 100 |
| HPC1/4-R02G | 1/4 | R1/4 | 100 |
| HPC1/4-R03G | 1/4 | R3/8 | 50 |
| HPC3/8-R02G | 3/8 | R1/4 | 50 |
| HPC3/8-R03G | 3/8 | R3/8 | 50 |
| HPC1/2-R03G | 1/2 | R3/8 | 50 |
| HPC1/2-R04G | 1/2 | R1/2 | 25 |



Male Connector

## HPC-G

| PART NO. | TUBE (Inch) | THREAD (G) | Qty/Box |
|---|---|---|---|
| HPC3/16-G01G | 3/16 | G1/8 | 100 |
| HPC1/4-G01G | 1/4 | G1/8 | 100 |
| HPC1/4-G02G | 1/4 | G1/4 | 100 |
| HPC5/16-G01G | 5/16 | G1/8 | 100 |
| HPC5/16-G02G | 5/16 | G1/4 | 50 |
| HPC5/16-G03G | 5/16 | G3/8 | 50 |
| HPC3/8-G01G | 3/8 | G1/8 | 50 |
| HPC3/8-G02G | 3/8 | G1/4 | 50 |
| HPC3/8-G03G | 3/8 | G3/8 | 50 |
| HPC3/8-G04G | 3/8 | G1/2 | 25 |
| HPC1/2-G03G | 1/2 | G3/8 | 25 |
| HPC1/2-G04G | 1/2 | G1/2 | 25 |



Male Connector

## HPC-MFL

| PART NO. | TUBE (Inch) | THREAD (MFL) | Qty/Box |
|---|---|---|---|
| HPC3/8-MFL02G | 3/8 | MFL1/4 | 50 |

*MFL02 Corresponds to a UNF 7/16-20



Female Adapter

## HCF

| PART NO. | TUBE (Inch) | THREAD (NPT) | Qty/Box |
|---|---|---|---|
| HCF1/4-N01G | 1/4 | NPT1/8 | 50 |
| HCF1/4-N02G | 1/4 | NPT1/4 | 50 |
| HCF5/16-N02G | 5/16 | NPT1/4 | 50 |
| HCF3/8-N02G | 3/8 | NPT1/4 | 50 |

| PART NO. | TUBE (Inch) | THREAD (G) | Qty/Box |
|---|---|---|---|
| HCF1/4-G03G | 1/4 | G3/8 | 50 |
| HCF1/4-G04G | 1/4 | G1/2 | 25 |
| HCF5/16-G04HG | 5/16 | G1/2 | 50 |
| HCF5/16-G05HG | 5/16 | G5/8 | 50 |
| HCF3/8-G03G | 3/8 | G3/8 | 25 |
| HCF3/8-G04G | 3/8 | G1/2 | 25 |
| HCF3/8-G04HG | 3/8 | G1/2 | 50 |
| HCF3/8-G05G | 3/8 | G5/8 | 25 |
| HCF3/8-G05HG | 3/8 | G5/8 | 50 |
| HCF1/2-G04G | 1/2 | G1/2 | 25 |

| PART NO. | TUBE (Inch) | THREAD (UNF) | Qty/Box |
|---|---|---|---|
| HCF1/4-UNF7/16-20G | 1/4 | 7/16-20 | 50 |
| HCF5/16-UNF7/16-20G | 5/16 | 7/16-20 | 50 |
| HCF3/8-UNF7/16-20G | 3/8 | 7/16-20 | 50 |

| PART NO. | TUBE (Inch) | THREAD (UN) | Qty/Box |
|---|---|---|---|
| HCF3/8-UN1/2-16G | 3/8 | 1/2-16 | 50 |
| HCF1/2-UN1/2-16G | 1/2 | 1/2-16 | 25 |

| PART NO. | TUBE (Inch) | THREAD (UNS) | Qty/Box |
|---|---|---|---|
| HCF1/4-UNS7/16-24G | 1/4 | 7/16-24 | 50 |
| HCF5/16-UNS7/16-24G | 5/16 | 7/16-24 | 50 |
| HCF3/8-UNS7/16-24G | 3/8 | 7/16-24 | 50 |



Female Adapter

## HCF-NH

| PART NO. | TUBE (Inch) | THREAD (NH) | Qty/Box |
|---|---|---|---|
| HCF1/4-NH06G | 1/4 | NH3/4 | 20 |
| HCF5/16-NH06G | 5/16 | NH3/4 | 20 |
| HCF3/8-NH06G | 3/8 | NH3/4 | 20 |



Female Adapter

## HCF-G

| PART NO. | TUBE (Inch) | THREAD (G) | Qty/Box |
|---|---|---|---|
| HCF1/4-G06G | 1/4 | G3/4 | 20 |
| HCF3/8-G06G | 3/8 | G3/4 | 20 |
| HCF1/2-G06G | 1/2 | G3/4 | 20 |



Stem Adapter

## HCJ

| PART NO. | TUBE (Inch) | THREAD (NPT) | Qty/Box |
|---|---|---|---|
| HCJ5/32-N01G | 5/32 | NPT1/8 | 100 |
| HCJ5/32-N02G | 5/32 | NPT1/4 | 100 |
| HCJ3/16-N01G | 3/16 | NPT1/8 | 100 |
| HCJ1/4-N01G | 1/4 | NPT1/8 | 100 |
| HCJ1/4-N02G | 1/4 | NPT1/4 | 100 |
| HCJ5/16-N01G | 5/16 | NPT1/8 | 100 |
| HCJ5/16-N02G | 5/16 | NPT1/4 | 50 |
| HCJ5/16-N03G | 5/16 | NPT3/8 | 50 |
| HCJ3/8-N02G | 3/8 | NPT1/4 | 50 |
| HCJ3/8-N03G | 3/8 | NPT3/8 | 50 |
| HCJ1/2-N03G | 1/2 | NPT3/8 | 50 |
| HCJ1/2-N04G | 1/2 | NPT1/2 | 25 |

| PART NO. | STEM O.D (Inch) | THREAD (G) | Qty/Box |
|---|---|---|---|
| HCJ3/8-G06HG | 3/8 | G3/4 | 100 |

| PART NO. | STEM O.D (Inch) | THREAD (R) | Qty/Box |
|---|---|---|---|
| HCJ1/4-R01G | 1/4 | R1/8 | 100 |
| HCJ1/2-R03G | 1/2 | R3/8 | 25 |



Male Elbow

## HPL

| PART NO. | TUBE (Inch) | THREAD (NPT) | Qty/Box |
|---|---|---|---|
| HPL5/32-N01G | 5/32 | NPT1/8 | 100 |
| HPL3/16-N01G | 3/16 | NPT1/8 | 100 |
| HPL1/4-N01G | 1/4 | NPT1/8 | 100 |
| HPL1/4-N02G | 1/4 | NPT1/4 | 50 |
| HPL1/4-N03G | 1/4 | NPT3/8 | 50 |
| HPL5/16-N02G | 5/16 | NPT1/4 | 50 |
| HPL5/16-N03G | 5/16 | NPT3/8 | 50 |
| HPL3/8-N02G | 3/8 | NPT1/4 | 50 |
| HPL3/8-N03G | 3/8 | NPT3/8 | 50 |
| HPL1/2-N03G | 1/2 | NPT3/8 | 25 |
| HPL1/2-N04G | 1/2 | NPT1/2 | 25 |
| HPL5/8-NO4G | 5/8 | NPT1/2 | 20 |

| PART NO. | TUBE (Inch) | THREAD (R) | Qty/Box |
|---|---|---|---|
| HPL3/8-R03G | 3/8 | R3/8 | 50 |



Stem Elbow

## HLJ

| PART NO. | STEM O.D (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| HLJ5/32-5/32G | 5/32 | 5/32 | 100 |
| HLJ3/16-3/16G | 3/16 | 3/16 | 100 |
| HLJ1/4-1/4G | 1/4 | 1/4 | 100 |
| HLJ1/4-5/16G | 1/4 | 5/16 | 50 |
| HLJ5/16-5/16G | 5/16 | 5/16 | 50 |
| HLJ3/8-1/4G | 3/8 | 1/4 | 50 |
| HLJ3/8-5/16G | 3/8 | 5/16 | 50 |
| HLJ3/8-3/8G | 3/8 | 3/8 | 50 |
| HLJ1/2-1/2G | 1/2 | 1/2 | 25 |

| PART NO. | STEM O.D (Inch) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HLJ1/4-06G | 1/4 | 06 | 100 |
| HLJ3/8-06G | 3/8 | 06 | 50 |



Stem Reducer

## HGJ

| PART NO. | STEM O.D (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| HGJ1/4-5/32G | 1/4 | 5/32 | 100 |
| HGJ5/16-1/4G | 5/16 | 1/4 | 100 |
| HGJ5/16-3/8G | 5/16 | 3/8 | 50 |
| HGJ5/16-5/16G | 5/16 | 5/16 | 50 |
| HGJ3/8-3/16G | 3/8 | 3/16 | 50 |
| HGJ3/8-1/4G | 3/8 | 1/4 | 50 |
| HGJ3/8-5/16G | 3/8 | 5/16 | 50 |
| HGJ3/8-1/2G | 3/8 | 1/2 | 50 |
| HGJ1/2-5/16G | 1/2 | 5/16 | 50 |
| HGJ1/2-3/8G | 1/2 | 3/8 | 50 |
| HGJ1/2-15G | 1/2 | 15 | 20 |

| PART NO. | STEM O.D (Inch) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HGJ1/4-06G | 1/4 | 06 | 100 |



Bulkhead Connector

# HMM

| PART NO. | TUBE (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| HMM5/32-5/32G | 5/32 | 5/32 | 50 |
| HMM1/4-1/4G | 1/4 | 1/4 | 50 |
| HMM1/4-3/8G | 1/4 | 3/8 | 25 |
| HMM5/16-5/16G | 5/16 | 5/16 | 25 |
| HMM3/8-3/8G | 3/8 | 3/8 | 25 |
| HMM1/2-1/2G | 1/2 | 1/2 | 20 |

| PART NO. | TUBE (Inch) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HMM1/4-06G | 1/4 | 06 | 50 |



Union Connector

# HUC

| PART NO. | TUBE (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| HUC5/32-5/32G | 5/32 | 5/32 | 100 |
| HUC3/16-3/16G | 3/16 | 3/16 | 100 |
| HUC1/4-1/4G | 1/4 | 1/4 | 100 |
| HUC5/16-5/32G | 5/16 | 5/32 | 50 |
| HUC5/16-1/4G | 5/16 | 1/4 | 50 |
| HUC5/16-5/16G | 5/16 | 5/16 | 50 |
| HUC3/8-3/16G | 3/8 | 3/16 | 50 |
| HUC3/8-1/4G | 3/8 | 1/4 | 50 |
| HUC3/8-5/16G | 3/8 | 5/16 | 50 |
| HUC3/8-3/8G | 3/8 | 3/8 | 50 |
| HUC1/2-5/16G | 1/2 | 5/16 | 25 |
| HUC1/2-3/8G | 1/2 | 3/8 | 25 |
| HUC1/2-1/2G | 1/2 | 1/2 | 25 |
| HUC5/8-1/2G | 5/8 | 1/2 | 20 |

| PART NO. | TUBE (Inch) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HUC1/4-06G | 1/4 | 06 | 100 |



Union Tee

# HUT

| PART NO. | TUBE (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| HUT5/32-5/32G | 5/32 | 5/32 | 100 |
| HUT3/16-3/16G | 3/16 | 3/16 | 50 |
| HUT1/4-1/4G | 1/4 | 1/4 | 50 |
| HUT5/16-5/16G | 5/16 | 5/16 | 50 |
| HUT3/8-3/8G | 3/8 | 3/8 | 25 |
| HUT1/2-1/2G | 1/2 | 1/2 | 20 |

* 3-Hole Same Specification

| PART NO. | TUBE (Inch) | TUBE (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|---|
| HUT3/8-1/4-3/8G | 3/8 | 1/4 | 3/8 | 25 |
| HUT1/2-3/8-1/2G | 1/2 | 3/8 | 1/2 | 25 |

| PART NO. | TUBE (Inch) | TUBE (Metric) | TUBE (Inch) | Qty/Box |
|---|---|---|---|---|
| HUT3/8-10-3/8G | 3/8 | 10 | 3/8 | 25 |
| HUT3/8-08-3/8G | 3/8 | 08 | 3/8 | 25 |



Union Elbow

# HUL

| PART NO. | TUBE (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| HUL5/32-5/32G | 5/32 | 5/32 | 100 |
| HUL3/16-3/16G | 3/16 | 3/16 | 100 |
| HUL1/4-1/4G | 1/4 | 1/4 | 100 |
| HUL5/16-5/32G | 5/16 | 5/32 | 50 |
| HUL5/16-1/4G | 5/16 | 1/4 | 50 |
| HUL5/16-5/16G | 5/16 | 5/16 | 50 |
| HUL3/8-1/4G | 3/8 | 1/4 | 50 |
| HUL3/8-5/16G | 3/8 | 5/16 | 50 |
| HUL3/8-3/8G | 3/8 | 3/8 | 50 |
| HUL1/2-5/16G | 1/2 | 5/16 | 25 |
| HUL1/2-3/8G | 1/2 | 3/8 | 25 |
| HUL1/2-1/2G | 1/2 | 1/2 | 25 |
| HUL5/8-1/2G | 5/8 | 1/2 | 20 |
| HUL5/8-5/8G | 5/8 | 5/8 | 20 |

| PART NO. | TUBE (Inch) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HUL1/4-06G | 1/4 | 06 | 100 |
| HUL1/2-12G | 1/2 | 12 | 25 |



Two Way Divider

# HUY

| PART NO. | TUBE (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| HUY5/32-5/32G | 5/32 | 5/32 | 100 |
| HUY3/16-3/16G | 3/16 | 3/16 | 50 |
| HUY1/4-1/4G | 1/4 | 1/4 | 50 |
| HUY5/16-5/16G | 5/16 | 5/16 | 50 |
| HUY3/8-1/4G | 3/8 | 1/4 | 25 |
| HUY3/8-3/8G | 3/8 | 3/8 | 25 |
| HUY1/2-1/2G | 1/2 | 1/2 | 20 |



Female Plug

# HPF

| PART NO. | TUBE (Inch) | Qty/Box |
|---|---|---|
| HPF5/32G | 5/32 | 100 |
| HPF3/16G | 3/16 | 100 |
| HPF1/4G | 1/4 | 100 |
| HPF5/16G | 5/16 | 100 |
| HPF3/8G | 3/8 | 100 |
| HPF1/2G | 1/2 | 50 |



Branch Stem Tee

# HTJ

| PART NO. | STEM O.D (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| HTJ1/4-1/4G | 1/4 | 1/4 | 50 |
| HTJ5/16-5/16G | 5/16 | 5/16 | 25 |
| HTJ3/8-3/8G | 3/8 | 3/8 | 25 |



Male Plug

# HPP

| PART NO. | STEM O.D (Inch) | Qty/Box |
|---|---|---|
| HPP5/32G | 5/32 | 200 |
| HPP3/16G | 3/16 | 200 |
| HPP1/4G | 1/4 | 200 |
| HPP5/16G | 5/16 | 100 |
| HPP3/8G | 3/8 | 100 |
| HPP1/2G | 1/2 | 100 |



Run Stem Tee

# HSJ

| PART NO. | STEM O.D (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| HSJ5/32-5/32G | 5/32 | 5/32 | 100 |
| HSJ1/4-1/4G | 1/4 | 1/4 | 50 |
| HSJ5/16-5/16G | 5/16 | 5/16 | 50 |
| HSJ3/8-3/8G | 3/8 | 3/8 | 25 |
| HSJ1/2-1/2G | 1/2 | 1/2 | 20 |

| PART NO. | STEM O.D (Inch) | TUBE (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|---|
| HSJ1/2-3/8-1/2G | 1/2 | 3/8 | 1/2 | 20 |



Union Cross

# HZA

| PART NO. | TUBE (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| HZA1/4-1/4G | 1/4 | 1/4 | 50 |
| HZA5/16-5/16G | 5/16 | 5/16 | 20 |
| HZA3/8-3/8G | 3/8 | 3/8 | 20 |



Cooling Mainfold

# HUTT

| PART NO. | TUBE (Metric) | TUBE (Inch) | TUBE (Metric) | Qty/Bag |
|---|---|---|---|---|
| HUTT15-3/8-15G | 15 | 3/8 | 15 | 20 |

*Bulk packaging

| PART NO. | TUBE (Inch) | TUBE (Inch) | TUBE (Inch) | Qty/Bag |
|---|---|---|---|---|
| HUTT1/2-3/8-1/2G | 1/2 | 3/8 | 1/2 | 20 |

*Bulk packaging



F/F Reducer

# HUFF

| PART NO. | THREAD(G) | THREAD(G) | Qty/Bag |
|---|---|---|---|
| HUFFG02-G06G | G1/4 | G3/4 | 100 |
| HUFFG03-G06G | G3/8 | G3/4 | 100 |

*Bulk packaging



Stem Barb Connector

# HCJB

| PART NO. | STEM O.D (Inch) | TUBE I.D (Inch) | Qty/Box |
|---|---|---|---|
| HCJB1/4-3/16G | 1/4 | 3/16 | 100 |
| HCJB1/4-1/4G | 1/4 | 1/4 | 100 |
| HCJB1/4-5/16G | 1/4 | 5/16 | 100 |
| HCJB5/16-3/16G | 5/16 | 3/16 | 100 |
| HCJB5/16-5/16G | 5/16 | 5/16 | 100 |
| HCJB5/16-3/8G | 5/16 | 3/8 | 100 |
| HCJB3/8-1/4G | 3/8 | 1/4 | 100 |
| HCJB3/8-5/16G | 3/8 | 5/16 | 100 |
| HCJB3/8-3/8G | 3/8 | 3/8 | 100 |
| HCJB3/8-1/2G | 3/8 | 1/2 | 50 |
| HCJB1/2-3/8G | 1/2 | 3/8 | 50 |
| HCJB1/2-1/2G | 1/2 | 1/2 | 50 |



Stem Barb Elbow Connector

# HLJB

| PART NO. | STEM O.D (Inch) | TUBE I.D (Inch) | Qty/Box |
|---|---|---|---|
| HLJB1/4-5/16G | 1/4 | 5/16 | 100 |
| HLJB5/16-1/4G | 5/16 | 1/4 | 100 |
| HLJB3/8-5/16G | 3/8 | 5/16 | 100 |
| HLJB3/8-1/4G | 3/8 | 1/4 | 100 |
| HLJB3/8-3/8G | 3/8 | 3/8 | 100 |



U-Band

# HBU

| PART NO. | TUBE (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| HBU3/8-3/8G | 3/8 | 3/8 | 25 |
| HBU1/2-1/2G | 1/2 | 1/2 | 20 |



Stem U-Bend

# HBUJ

| PART NO. | TUBE (Inch) | Qty/Box |
|---|---|---|
| HBUJ3/8G | 3/8 | 15 |



Three Way Divider

# HTWD

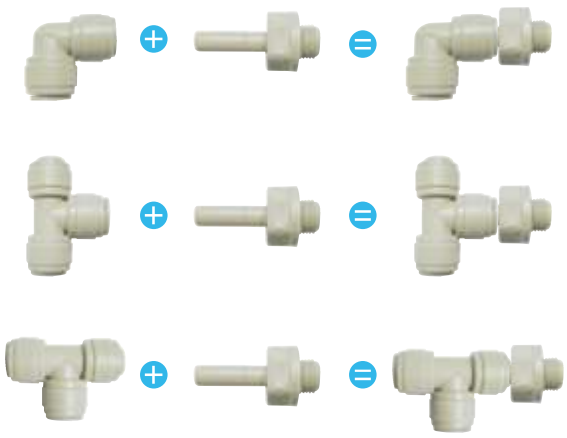
| PART NO. | TUBE (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| HTWD1/2-3/8G | 1/2 | 3/8 | 20 |
| HTWD1/2-1/2G | 1/2 | 1/2 | 20 |

*Bulk packaging

**POM** FITTINGS

# **Swivel Type** Fittings BK GY

## Adaptability



**POM | SWIVEL TYPE** FITTINGS | **METRIC** BK



Swivel Male Elbow

## HRPL

| PART NO. | TUBE (Metric) | THREAD (R) | Qty/Box |
|---|---|---|---|
| HRPL04R01B | 04 | R1/8 | 50 |
| HRPL04R02B | 04 | R1/4 | 50 |
| HRPL06R01B | 06 | R1/8 | 50 |
| HRPL06R02B | 06 | R1/4 | 50 |
| HRPL08R01B | 08 | R1/8 | 25 |
| HRPL08R02B | 08 | R1/4 | 25 |
| HRPL08R03B | 08 | R3/8 | 25 |
| HRPL10R02B | 10 | R1/4 | 25 |
| HRPL10R03B | 10 | R3/8 | 25 |
| HRPL10R04B | 10 | R1/2 | 20 |
| HRPL12R03B | 12 | R3/8 | 20 |
| HRPL12R04B | 12 | R1/2 | 20 |



Swivel Male Elbow

## HRPL-G

| PART NO. | TUBE (Metric) | THREAD (G) | Qty/Box |
|---|---|---|---|
| HRPL04G01B | 04 | G1/8 | 50 |
| HRPL04G02B | 04 | G1/4 | 50 |
| HRPL06G01B | 06 | G1/8 | 50 |
| HRPL06G02B | 06 | G1/4 | 50 |
| HRPL08G01B | 08 | G1/8 | 25 |
| HRPL08G02B | 08 | G1/4 | 25 |
| HRPL08G03B | 08 | G3/8 | 25 |
| HRPL10G02B | 08 | G1/4 | 25 |
| HRPL10G03B | 10 | G3/8 | 25 |
| HRPL10G04B | 10 | G1/2 | 20 |
| HRPL12G03B | 12 | G3/8 | 20 |
| HRPL12G04B | 12 | G1/2 | 20 |



Swivel Male Run Tee

## HRST

| PART NO. | TUBE (Metric) | THREAD (R) | Qty/Box |
|---|---|---|---|
| HRST04R01B | 04 | R1/8 | 50 |
| HRST04R02B | 04 | R1/4 | 50 |
| HRST06R01B | 06 | R1/8 | 50 |
| HRST06R02B | 06 | R1/4 | 25 |
| HRST08R01B | 08 | R1/8 | 25 |
| HRST08R02B | 08 | R1/4 | 25 |
| HRST08R03B | 08 | R3/8 | 25 |
| HRST10R02B | 10 | R1/4 | 25 |
| HRST10R03B | 10 | R3/8 | 20 |
| HRST10R04B | 10 | R1/2 | 20 |
| HRST12R03B | 12 | R3/8 | 15 |
| HRST12R04B | 12 | R1/2 | 12 |



Swivel Male Run Tee

## HRST-G

| PART NO. | TUBE (Metric) | THREAD (G) | Qty/Box |
|---|---|---|---|
| HRST04G01B | 04 | G1/8 | 50 |
| HRST04G02B | 04 | G1/4 | 50 |
| HRST06G01B | 06 | G1/8 | 50 |
| HRST06G02B | 06 | G1/4 | 25 |
| HRST08G01B | 08 | G1/8 | 25 |
| HRST08G02B | 08 | G1/4 | 25 |
| HRST08G03B | 08 | G3/8 | 25 |
| HRST10G02B | 10 | G1/4 | 25 |
| HRST10G03B | 10 | G3/8 | 20 |
| HRST10G04B | 10 | G1/2 | 20 |
| HRST12G03B | 12 | G3/8 | 15 |
| HRST12G04B | 12 | G1/2 | 12 |



Swivel Male Branch Tee

## HRPT

| PART NO. | TUBE (Metric) | THREAD (R) | Qty/Box |
|---|---|---|---|
| HRPT04R01B | 04 | R1/8 | 50 |
| HRPT04R02B | 04 | R1/4 | 50 |
| HRPT06R01B | 06 | R1/8 | 50 |
| HRPT06R02B | 06 | R1/4 | 25 |
| HRPT08R01B | 08 | R1/8 | 25 |
| HRPT08R02B | 08 | R1/4 | 25 |
| HRPT08R03B | 08 | R3/8 | 25 |
| HRPT10R02B | 10 | R1/4 | 25 |
| HRPT10R03B | 10 | R3/8 | 20 |
| HRPT10R04B | 10 | R1/2 | 20 |
| HRPT12R03B | 12 | R3/8 | 15 |
| HRPT12R04B | 12 | R1/2 | 12 |



Swivel Male Branch Tee

## HRPT-G

| PART NO. | TUBE (Metric) | THREAD (G) | Qty/Box |
|---|---|---|---|
| HRPT04G01B | 04 | G1/8 | 50 |
| HRPT04G02B | 04 | G1/4 | 50 |
| HRPT06G01B | 06 | G1/8 | 50 |
| HRPT06G02B | 06 | G1/4 | 25 |
| HRPT08G01B | 08 | G1/8 | 25 |
| HRPT08G02B | 08 | G1/4 | 25 |
| HRPT08G03B | 08 | G3/8 | 25 |
| HRPT10G02B | 08 | G1/4 | 25 |
| HRPT10G03B | 10 | G3/8 | 20 |
| HRPT10G04B | 10 | G1/2 | 20 |
| HRPT12G03B | 12 | G3/8 | 15 |
| HRPT12G04B | 12 | G1/2 | 12 |



Swivel Male Y

## HRWT

| PART NO. | TUBE (Metric) | THREAD (R) | Qty/Box |
|---|---|---|---|
| HRWT04R01B | 04 | R1/8 | 50 |
| HRWT04R02B | 04 | R1/4 | 50 |
| HRWT06R01B | 06 | R1/8 | 50 |
| HRWT06R02B | 06 | R1/4 | 25 |
| HRWT08R01B | 08 | R1/8 | 25 |
| HRWT08R02B | 08 | R1/4 | 25 |
| HRWT08R03B | 08 | R3/8 | 25 |
| HRWT10R02B | 10 | R1/4 | 25 |
| HRWT10R03B | 10 | R3/8 | 25 |
| HRWT10R04B | 10 | R1/2 | 20 |
| HRWT12R03B | 12 | R3/8 | 15 |
| HRWT12R04B | 12 | R1/2 | 12 |



Swivel Male Y

## HRWT-G

| PART NO. | TUBE (Metric) | THREAD (G) | Qty/Box |
|---|---|---|---|
| HRWT04G01B | 04 | G1/8 | 50 |
| HRWT04G02B | 04 | G1/4 | 50 |
| HRWT06G01B | 06 | G1/8 | 50 |
| HRWT06G02B | 06 | G1/4 | 25 |
| HRWT08G01B | 08 | G1/8 | 25 |
| HRWT08G02B | 08 | G1/4 | 25 |
| HRWT08G03B | 08 | G3/8 | 25 |
| HRWT10G02B | 10 | G1/4 | 25 |
| HRWT10G03B | 10 | G3/8 | 25 |
| HRWT10G04B | 10 | G1/2 | 20 |
| HRWT12G03B | 12 | G3/8 | 15 |
| HRWT12G04B | 12 | G1/2 | 12 |



Swivel Male Elbow

# HRPL

| PART NO. | TUBE (Inch) | THREAD (NPT) | Qty/Box |
|---|---|---|---|
| HRPL5/32-N01G | 5/32 | NPT1/8 | 50 |
| HRPL5/32-N02G | 5/32 | NPT1/4 | 50 |
| HRPL1/4-N01G | 1/4 | NPT1/8 | 50 |
| HRPL1/4-N02G | 1/4 | NPT1/4 | 50 |
| HRPL5/16-N01G | 5/16 | NPT1/8 | 25 |
| HRPL5/16-N02G | 5/16 | NPT1/4 | 25 |
| HRPL5/16-N03G | 5/16 | NPT3/8 | 25 |
| HRPL3/8-N02G | 3/8 | NPT1/4 | 25 |
| HRPL3/8-N03G | 3/8 | NPT3/8 | 25 |
| HRPL1/2-N03G | 1/2 | NPT3/8 | 20 |
| HRPL1/2-N04G | 1/2 | NPT1/2 | 20 |



Swivel Male Run Tee

# HRST

| PART NO. | TUBE (Inch) | THREAD (NPT) | Qty/Box |
|---|---|---|---|
| HRST5/32-N01G | 5/32 | NPT1/8 | 50 |
| HRST5/32-N02G | 5/32 | NPT1/4 | 50 |
| HRST1/4-N01G | 1/4 | NPT1/8 | 50 |
| HRST1/4-N02G | 1/4 | NPT1/4 | 25 |
| HRST5/16-N01G | 5/16 | NPT1/8 | 25 |
| HRST5/16-N02G | 5/16 | NPT1/4 | 25 |
| HRST5/16-N03G | 5/16 | NPT3/8 | 25 |
| HRST3/8-N02G | 3/8 | NPT1/4 | 25 |
| HRST3/8-N03G | 3/8 | NPT3/8 | 20 |
| HRST1/2-N03G | 1/2 | NPT3/8 | 15 |
| HRST1/2-N04G | 1/2 | NPT1/2 | 12 |



Swivel Male Branch Tee

# HRPT

| PART NO. | TUBE (Inch) | THREAD (NPT) | Qty/Box |
|---|---|---|---|
| HRPT5/32-N01G | 5/32 | NPT1/8 | 50 |
| HRPT5/32-N02G | 5/32 | NPT1/4 | 50 |
| HRPT1/4-N01G | 1/4 | NPT1/8 | 50 |
| HRPT1/4-N02G | 1/4 | NPT1/4 | 25 |
| HRPT5/16-N01G | 5/16 | NPT1/8 | 25 |
| HRPT5/16-N02G | 5/16 | NPT1/4 | 25 |
| HRPT5/16-N03G | 5/16 | NPT3/8 | 25 |
| HRPT3/8-N02G | 3/8 | NPT1/4 | 25 |
| HRPT3/8-N03G | 3/8 | NPT3/8 | 20 |
| HRPT1/2-N03G | 1/2 | NPT3/8 | 15 |
| HRPT1/2-N04G | 1/2 | NPT1/2 | 12 |



Swivel Male Y

# HRWT

| PART NO. | TUBE (Inch) | THREAD (NPT) | Qty/Box |
|---|---|---|---|
| HRWT5/32-N01G | 5/32 | NPT1/8 | 50 |
| HRWT5/32-N02G | 5/32 | NPT1/4 | 50 |
| HRWT1/4-N01G | 1/4 | NPT1/8 | 50 |
| HRWT1/4-N02G | 1/4 | NPT1/4 | 25 |
| HRWT5/16-N01G | 5/16 | NPT1/8 | 25 |
| HRWT5/16-N02G | 5/16 | NPT1/4 | 25 |
| HRWT5/16-N03G | 5/16 | NPT3/8 | 25 |
| HRWT3/8-N02G | 3/8 | NPT1/4 | 25 |
| HRWT3/8-N03G | 3/8 | NPT3/8 | 25 |
| HRWT1/2-N03G | 1/2 | NPT3/8 | 15 |
| HRWT1/2-N04G | 1/2 | NPT1/2 | 12 |

## POM FITTINGS

# Large Size Fittings BK



Male Connector

## HPC-G

| PART NO. | TUBE (Metric) | THREAD (G) | Qty/Bag |
|---|---|---|---|
| HPC15G04B | 15 | G1/2 | 20 |
| HPC15G06B | 15 | G3/4 | 20 |
| HPC22G06B | 22 | G3/4 | 20 |



Stem Adapter

## HCJ-G

| PART NO. | STEM O.D (Metric) | THREAD (G) | Qty/Bag |
|---|---|---|---|
| HCJ15G03B | 15 | G3/8 | 25 |
| HCJ15G04B | 15 | G1/2 | 25 |
| HCJ22G04B | 22 | G1/2 | 20 |
| HCJ22G06B | 22 | G3/4 | 20 |



Stem Adapter

## HGJ

| PART NO. | STEM O.D (Metric) | TUBE (Metric) | Qty/Bag |
|---|---|---|---|
| HGJ15-10B | 15 | 10 | 25 |
| HGJ15-12B | 15 | 12 | 25 |
| HGJ22-15B | 22 | 15 | 20 |



Union Tee

## HUT

| PART NO. | TUBE (Metric) | TUBE (Metric) | Qty/Bag |
|---|---|---|---|
| HUT151515B | 15 | 15 | 9 |
| HUT221222B | 22 | 12 | 6 |
| HUT221522B | 22 | 15 | 6 |
| HUT222222B | 22 | 22 | 6 |



Barb Connector

## HCBB

| PART NO. | TUBE (Metric) | STEM I.D (Inch) | Qty/Bag |
|---|---|---|---|
| HCBB15-1/2B | 15 | 1/2 | 20 |
| HCBB22-1/2B | 22 | 1/2 | 20 |
| HCBB22-3/4B | 22 | 3/4 | 20 |



Female Adapter

## HCF-G

| PART NO. | TUBE (Metric) | THREAD (G) | Qty/Bag |
|---|---|---|---|
| HCF15G04B | 15 | G04 | 25 |
| HCF15G06B | 15 | G06 | 20 |



Stem Elbow

## HLJ

| PART NO. | STEM O.D (Metric) | TUBE (Metric) | Qty/Bag |
|---|---|---|---|
| HLJ1515B | 15 | 15 | 20 |
| HLJ2222B | 22 | 22 | 20 |



Union Connector

## HUC

| PART NO. | TUBE (Metric) | TUBE (Metric) | Qty/Bag |
|---|---|---|---|
| HUC1515B | 15 | 15 | 20 |
| HUC2222B | 22 | 22 | 9 |



Union Elbow

## HUL

| PART NO. | TUBE (Metric) | TUBE (Metric) | Qty/Bag |
|---|---|---|---|
| HUL1515B | 15 | 15 | 20 |
| HUL2222B | 22 | 22 | 9 |



Male Plug

## HPP

| PART NO. | STEM O.D (Metric) | Qty/Box |
|---|---|---|
| HPP15B | 15 | 50 |
| HPP22B | 22 | 25 |



Female Plug

## HPF

| PART NO. | TUBE(Metric) | Qty/Bag |
|---|---|---|
| HPF15B | 15 | 50 |
| HPF22B | 22 | 20 |

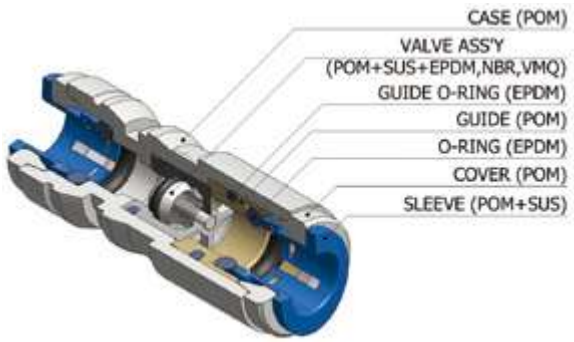
# POM VALVES

# Single Check Valves

NON-RETURN VALVE

## Technical information

### Structural Diagram




### Color Codes

BK Black GY Gray

### Applications

- This Valve allows one way fluid flow and blocks the reverse flow

### Features

- Compact size and convenient to use in a narrow space
- Cracking Pressure 0.02 ~ 0.04 bar
- Quick Installation and easy maintenance

### Specifications

- **Material :** POM, SUS301, EPDM, NBR, VMQ
- **Temperature Range :** 1 °C~ 65 °C
- **Operating Pressure :** Refer to the table below
- **Applicable Fluids :** Water, Food & Beverage

| Φ / °C | 1°C | 25°C | 65°C |
|---|---|---|---|
| 4mm ~ 12mm (5/32" ~ 1/2") | 10 Bar | 10 Bar | 7 Bar |

**POM | SINGLE CHECK VALVES | METRIC** BK



Check Valve

## HCVU

| PART NO. | TUBE (Metric) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HCVU0404B | 04 | 04 | 50 |
| HCVU0606B | 06 | 06 | 50 |
| HCVU0808B | 08 | 08 | 50 |
| HCVU1010B | 10 | 10 | 25 |
| HCVU1212B | 12 | 12 | 25 |

**POM | SINGLE CHECK VALVES | INCH** GY



Check Valve

## HCVU

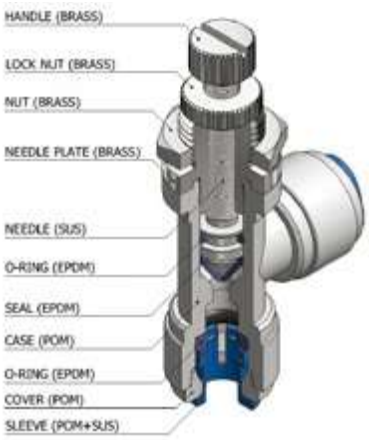
| PART NO. | TUBE (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| HCVU5/32-5/32G | 5/32 | 5/32 | 50 |
| HCVU1/4-1/4G | 1/4 | 1/4 | 50 |
| HCVU5/16-5/16G | 5/16 | 5/16 | 50 |
| HCVU3/8-3/8G | 3/8 | 3/8 | 25 |
| HCVU1/2-1/2G | 1/2 | 1/2 | 25 |

**POM** VALVES

# **Flow Control** Valves

## Technical information

### Structural Diagram




### Applications

- Constant flow rate by small airflow controlling

### Features

- Used for Water and Beverages
- Easy installation convenient to use
- Stable to use with frequent temperature changes

### Specifications

- **Material :** POM, SUS301, BRASS, EPDM
- **Temperature Range :** 1 °C~ 65 °C
- **Operating Pressure :** Refer to the table below
- **Applicable Fluids :** Water, Food & Beverage

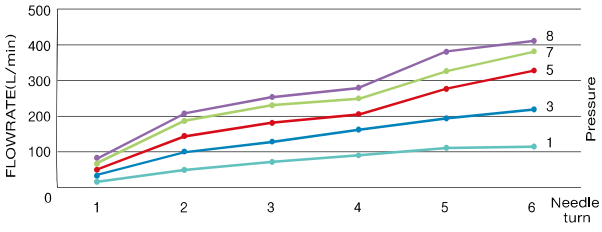
| Φ / °C | 1°C | 25°C | 65°C |
|---|---|---|---|
| 4mm ~ 12mm (5/32" ~ 1/2") | 10 Bar | 10 Bar | 7 Bar |

### Color Codes

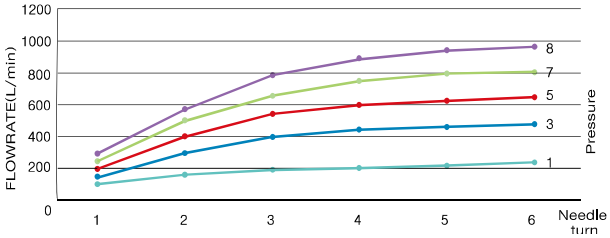
BK Black GY Gray

### Flowrate

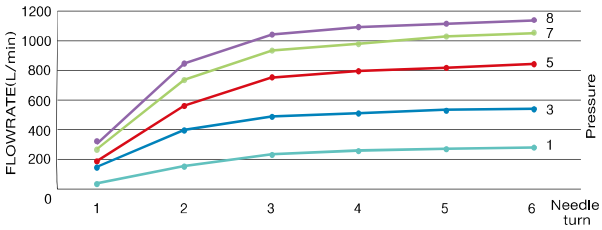
HSLB0606B HSLB1/4-1/4G HSLU0606B HSLU1/4-1/4G



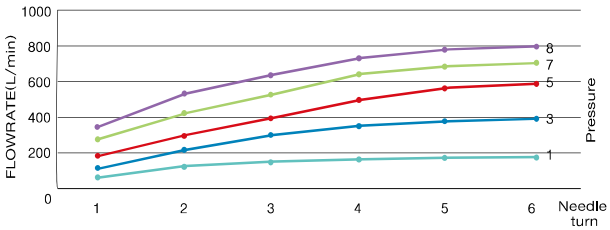

HSTU3/8-3/8G HSTU1010B HSTB1010B HSTB3/8-3/8G




HSTU0606B HSTU1/4-1/4G HSTB0606B HSTB1/4-1/4G




HSLU3/8-3/8G HSLU1010B HSLB3/8-3/8G HSLB1010B



## POM | FLOW CONTROL VALVES | METRIC BK



Flow Control Elbow Union

# HSLB

| PART NO. | TUBE (Metric) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HSLB0606B | 06 | 06 | 50 |
| HSLB1010B | 10 | 10 | 25 |



Flow Control Union Connector

# HSTB

| PART NO. | TUBE (Metric) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HSTB0606B | 06 | 06 | 50 |
| HSTB1010B | 10 | 10 | 25 |



Flow Control Elbow Union

# HSLU

| PART NO. | TUBE (Metric) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HSLU0606B | 06 | 06 | 50 |
| HSLU1010B | 10 | 10 | 25 |



Flow Control Union Connector

# HSTU

| PART NO. | TUBE (Metric) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HSTU0606B | 06 | 06 | 50 |
| HSTU1010B | 10 | 10 | 25 |

## POM | FLOW CONTROL VALVES | INCH GY



Flow Control Elbow Union

# HSLB

| PART NO. | TUBE (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| HSLB1/4-1/4G | 1/4 | 1/4 | 50 |
| HSLB3/8-3/8G | 3/8 | 3/8 | 25 |



Flow Control Union Connector

# HSTB

| PART NO. | TUBE (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| HSTB1/4-1/4G | 1/4 | 1/4 | 50 |
| HSTB3/8-3/8G | 3/8 | 3/8 | 25 |



Flow Control Elbow Union

# HSLU

| PART NO. | TUBE (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| HSLU1/4-1/4G | 1/4 | 1/4 | 50 |
| HSLU3/8-3/8G | 3/8 | 3/8 | 25 |



Flow Control Union Connector

# HSTU

| PART NO. | TUBE (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| HSTU1/4-1/4G | 1/4 | 1/4 | 50 |
| HSTU3/8-3/8G | 3/8 | 3/8 | 25 |

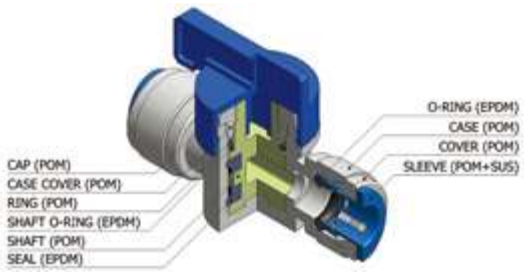
**POM** VALVES

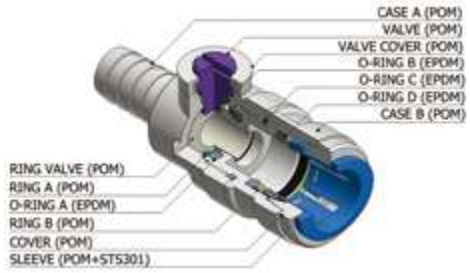
# **BALL** Valves

SHUT-OFF VALVE

## Technical information

### Structural Diagram




### Color Codes

BK Black GY Gray WT White

### Applications

- The user switches On-Off valve to supply compressed air or fluid
- Suitable for air and water

### Features

- Compact size and convenient to use in a narrow space
- Some valves are available without or with mouting clip
- Valves using for short or long handles depending on the application

### Specifications

- **Material :** POM, SUS301, EPDM, NBR, VMQ
- **Temperature Range :** 1 °C~ 65 °C
- **Operating Pressure :** Refer to the table below
- **Applicable Fluids :** Water, Food & Beverage

| Φ / °C | 1°C | 25°C | 65°C |
|---|---|---|---|
| 4mm ~ 12mm (5/32" ~ 1/2") | 10 Bar | 10 Bar | 7 Bar |

**POM | BALL** VALVES | **METRIC** BK



Ball Valve (Shut-Off Valve)

## HBVU

| PART NO. | TUBE (Metric) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HBVU0404B | 04 | 04 | 25 |
| HBVU0606B | 06 | 06 | 25 |
| HBVU0808B | 08 | 08 | 25 |
| HBVU1010B | 10 | 10 | 15 |
| HBVU1212B | 12 | 12 | 15 |

**POM | BALL** VALVES | **INCH** WT



Ball Valve (Shut-Off Valve)

## HBVU

| PART NO. | TUBE (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| HBVU1/4-1/4W | 1/4 | 1/4 | 25 |
| HBVU5/16-5/16W | 5/16 | 5/16 | 25 |
| HBVU3/8-3/8W | 3/8 | 3/8 | 15 |
| HBVU1/2-1/2W | 1/2 | 1/2 | 15 |
| | | | |

## POM | BALL VALVES | METRIC BK



Ball Valve (Short Handle)

# HBVU-S

| PART NO. | TUBE (Metric) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| HBVU-S0606B | 06 | 06 | 25 |
| HBVU-S0808B | 08 | 08 | 25 |
| HBVU-S1010B | 10 | 10 | 15 |
| HBVU-S1212B | 12 | 12 | 15 |

## POM | BALL VALVES | INCH WT



Ball Valve (Short Handle)

# HBVU-S

| PART NO. | TUBE (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| HBVU-S1/4-1/4W | 1/4 | 1/4 | 25 |
| HBVU-S5/16-5/16W | 5/16 | 5/16 | 25 |
| HBVU-S3/8-3/8W | 3/8 | 3/8 | 15 |
| HBVU-S1/2-1/2W | 1/2 | 1/2 | 15 |

## POM | BALL VALVES



Barb Connector Valve BK

# HCVB

| PART NO. | TUBE (Metric) | Tube I.D (Inch) | Qty/Bag |
|---|---|---|---|
| HCVB15-1/2B | 15 | 1/2 | 20 |
| HCVB22-1/2B | 22 | 1/2 | 20 |
| HCVB22-3/4B | 22 | 3/4 | 20 |

*Bulk packaging



Male Ball Valve
(Male Shut-Off Valve) WT

# HBVC

| PART NO. | TUBE (Inch) | THREAD (NPT) | Qty/Bag |
|---|---|---|---|
| HBVC1/4-N02W | 1/4 | NPT1/4 | 25 |
| HBVC3/8-N03W | 3/8 | NPT3/8 | 15 |

*Bulk packaging



Angle Ball Valve GY

# HASV

| PART NO. | TUBE (Inch) | TUBE (Inch) | Qty/Bag |
|---|---|---|---|
| HASV3/8-3/8G | 3/8 | 3/8 | 20 |

*Bulk packaging



WT

# HTVF

| PART NO. | TUBE (Inch) | THREAD (NPT) | Qty/Bag |
|---|---|---|---|
| HTVF3/8-N02W | 3/8 | NPT1/4 | 20 |
| HTVF1/2-N02W | 1/2 | NPT1/4 | 20 |
| HTVF5/8-N06W | 5/8 | NPT1/4 | 20 |

*Bulk packaging



Female Adapter Ball Valve GY

# HESV

| PART NO. | TUBE (Inch) | THREAD (G) | Qty/Bag |
|---|---|---|---|
| HESV3/8-G04G | 3/8 | G1/2 | 20 |

*Bulk packaging



Angle Stop Valve WT

# HACV

| PART NO. | TUBE (Inch) | THREAD (G) | Qty/Bag |
|---|---|---|---|
| HACV1/4-G03W | 1/4 | G03 | |
| HACV1/4-G04W | 1/4 | G04 | |
| HACV3/8-G03W | 3/8 | G03 | |
| HACV3/8-G04W | 3/8 | G04 | |

*Partial brass material



Faucet Ball Valve Adapter GY

# HAAV

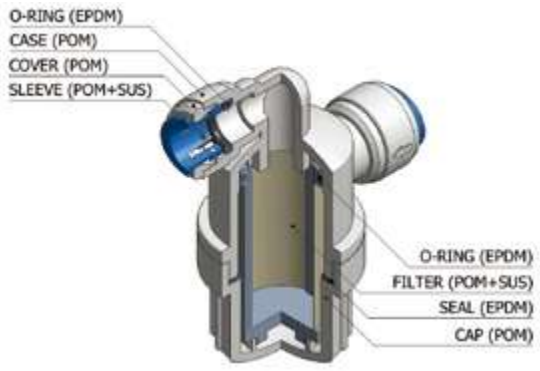
| PART NO. | TUBE (Inch) | THREAD (G) | Qty/Bag |
|---|---|---|---|
| HAAV1/4-G04G | 1/4 | G1/2 | 20 |

*Bulk packaging

# FILTER STRAINERS

## Technical information

### Structural Diagram




### Color Codes

BK Black GY Gray

### Applications

- It is stainless steel filter mesh (applied to 100 mesh or 200 mesh) and it filters out fine impurities

### Features

- The screw typed cap of the filter has an easy installation and maintenance

### Specifications

- **Material :** POM, SUS301, EPDM
- **Temperature Range :** 1 °C~ 65 °C
- **Operating Pressure :** Refer to the table below
- **Applicable Fluids :** Water, Food & Beverage

| Φ \ °C | 1°C | 25°C | 65°C |
|---|---|---|---|
| 4mm ~ 12mm (5/32" ~ 1/2") | 10 Bar | 10 Bar | 7 Bar |

**POM | FILTERS |** METRIC BK



## HBMU

| PART NO. | TUBE (Metric) | TUBE (Metric) | Qty/Bag |
|---|---|---|---|
| HBMU0808B | 08 | 08 | 20 |
| HBMU1010B | 10 | 10 | 20 |

*Bulk packaging

**POM | FILTERS |** INCH GY



## HBMU

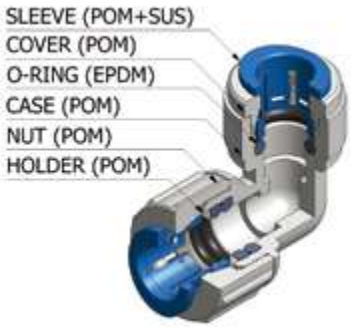
| PART NO. | TUBE (Inch) | TUBE (Inch) | Qty/Bag |
|---|---|---|---|
| HBMU1/4-1/4G | 1/4 | 1/4 | 20 |
| HBMU3/8-3/8G | 3/8 | 3/8 | 20 |

*Bulk packaging

# STEELFIT

## Technical information

### Structural Diagram




### Applications

- This product is used for stainless steel and other similar plated pipe & tube

### Features

- Two O-rings provide more sealing effect at high temperature
- The nut & holder provides a stronger grip when connecting the pipe, and O-ring effectively seals the fitting

### Specifications

- **Material :** POM, SUS301, EPDM
- **Temperature Range :** 1 °C~ 65 °C
- **Operating Pressure :** Refer to the table below
- **Applicable Fluids :** Water, Food & Beverage

| Φ \ °C | 1°C | 25°C | 65°C |
|---|---|---|---|
| 4mm ~ 12mm (5/32" ~ 1/2") | 10 Bar | 10 Bar | 7 Bar |

### Color Codes

GY Gray

**POM | STEELFIT | INCH** GY




Union Connector (Single)

## HUCP

| PART NO. | TUBE (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| HUCP1/4-5/16G | 1/4 | 5/16 | 50 |
| HUCP1/4-3/8G | 1/4 | 3/8 | 50 |
| HUCP5/16-5/16G | 5/16 | 5/16 | 50 |
| HUCP5/16-3/8G | 5/16 | 3/8 | 50 |
| HUCP5/16-1/2G | 5/16 | 1/2 | 50 |
| HUCP3/8-5/16G | 3/8 | 5/16 | 50 |
| HUCP3/8-3/8G | 3/8 | 3/8 | 50 |
| HUCP1/2-1/2G | 1/2 | 1/2 | 25 |




Elbow Union (Single)

## HULP

| PART NO. | TUBE (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| HULP1/4-5/16G | 1/4 | 5/16 | 50 |
| HULP1/4-3/8G | 1/4 | 3/8 | 50 |
| HULP5/16-5/16G | 5/16 | 5/16 | 50 |
| HULP5/16-3/8G | 5/16 | 3/8 | 50 |
| HULP3/8-5/16G | 3/8 | 5/16 | 50 |
| HULP3/8-3/8G | 3/8 | 3/8 | 50 |
| HULP1/2-1/2G | 1/2 | 1/2 | 25 |



Elbow Union (Double)

## HULS

| PART NO. | TUBE (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| HULS5/16-5/16G | 5/16 | 5/16 | 50 |



Union Tee

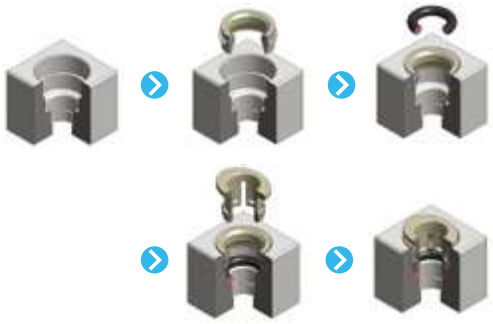
## HUTP

| PART NO. | TUBE (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| HUTP5/16-5/16G | 5/16 | 5/16 | 50 |

# CARTRIDGES

## Technical information

### How to assemble the cartridge



| Φ °C | 1°C | 25°C | 65°C |
|---|---|---|---|
| 4mm ~ 12mm (5/32″ ~ 1/2″) | 10 Bar | 10 Bar | 7 Bar |

### Applications

- Designed effectively for easy installation and time saving
- Offers more cost-effectiveness compared to fittings

### Features

- Cartridges are used with in acetal and brass
- The cartridge made of EPDM O-ring and acetal collet (Sleeve)

### Specifications

- **Material :** POM, SUS301, EPDM(Brass)
- **Temperature Range :** 1 °C~ 65 °C
- **Operating Pressure :** Refer to the table on the left
- **Applicable Fluids :** Water, Food & Beverage

**POM | CARTRIDGES | METRIC**



Acetal Cartridge HALF

## HCAS-P

| PART NO. | TUBE (Metric) | Qty/Bag |
|---|---|---|
| HCAS-P04B | 04 | 1,000 |
| HCAS-P06B | 06 | 1,000 |
| HCAS-P08B | 08 | 1,000 |
| HCAS-P10B | 10 | 1,000 |
| HCAS-P12B | 12 | 1,000 |

*Bulk packaging

**POM | CARTRIDGES | INCH**



Acetal Cartridge HALF

## HCAS-P

| PART NO. | TUBE (Inch) | Qty/Bag |
|---|---|---|
| HCAS-P5/32G | 5/32 | 1,000 |
| HCAS-P1/4G | 1/4 | 1,000 |
| HCAS-P5/16G | 5/16 | 1,000 |
| HCAS-P3/8G | 3/8 | 1,000 |
| HCAS-P1/2G | 1/2 | 1,000 |

*Bulk packaging

HALF Half Cartridges FULL Full Cartridges

## POM | CARTRIDGES | METRIC



Brass Cartridge HALF

# HCAS-H

| PART NO. | TUBE (Metric) | Qty/Bag |
|---|---|---|
| HCAS-H04B | 04 | 1,000 |
| HCAS-H06B | 06 | 1,000 |
| HCAS-H08B | 08 | 1,000 |
| HCAS-H10B | 10 | 1,000 |
| HCAS-H12B | 12 | 1,000 |

*Bulk packaging



Brass Cartridge FULL

# HCAS-F

| PART NO. | TUBE (Metric) | Qty/Bag |
|---|---|---|
| HCAS-F04B | 04 | 1,000 |
| HCAS-F06B | 06 | 1,000 |
| HCAS-F08B | 08 | 1,000 |
| HCAS-F10B | 10 | 1,000 |
| HCAS-F12B | 12 | 1,000 |

*Bulk packaging

## POM | CARTRIDGES | INCH



Brass Cartridge HALF

# HCAS-H

| PART NO. | TUBE (Inch) | Qty/Bag |
|---|---|---|
| HCAS-H5/32G | 5/32 | 1,000 |
| HCAS-H1/4G | 1/4 | 1,000 |
| HCAS-H5/16G | 5/16 | 1,000 |
| HCAS-H3/8G | 3/8 | 1,000 |
| HCAS-H1/2G | 1/2 | 1,000 |

*Bulk packaging



Brass Cartridge FULL

# HCAS-F

| PART NO. | TUBE (Inch) | Qty/Bag |
|---|---|---|
| HCAS-F5/32G | 5/32 | 1,000 |
| HCAS-F1/4G | 1/4 | 1,000 |
| HCAS-F5/16G | 5/16 | 1,000 |
| HCAS-F3/8G | 3/8 | 1,000 |
| HCAS-F1/2G | 1/2 | 1,000 |

*Bulk packaging

HALF **Half Cartridges** FULL **Full Cartridges**

# ACCESSORIES

## POM | ACCESSORIES | METRIC



Locking Clip

### HCP

| PART NO. | TUBE (Metric) | Qty/Box |
|---|---|---|
| HCP04B | 04 | 1000 |
| HCP06B | 06 | 1000 |
| HCP08B | 08 | 1000 |
| HCP10B | 10 | 1000 |
| HCP12B | 12 | 1000 |
| HCP15B | 15 | 500 |
| HCP22B | 22 | 300 |



Tube Insert

### HTI

| PART NO. | TUBE O.D | TUBE I.D | Qty/Box |
|---|---|---|---|
| HTI1209G | 12 | 09 | 100 |

## POM | ACCESSORIES | INCH



Locking Clip

### HCP

| PART NO. | TUBE (Inch) | Qty/Box |
|---|---|---|
| HCP5/32G | 5/32 | 1000 |
| HCP3/16G | 3/16 | 1000 |
| HCP1/4G | 1/4 | 1000 |
| HCP5/16G | 5/16 | 1000 |
| HCP3/8G | 3/8 | 1000 |
| HCP1/2G | 1/2 | 1000 |

## POM | ACCESSORIES

Mounting Clip

### HMCP



Use example



| PART NO. | TUBE O.D | Qty/Box |
|---|---|---|
| HMCP06-1/4W | 6mm or 1/4 | 25 |
| HMCP10-3/8W | 10mm or 3/8 | 25 |



Spanner

### HRT

| PART NO. | Size | Qty/Box |
|---|---|---|
| HRT | 5/32 or 3/16 or 4mm | 200 |
| HRT | 1/4 or 6mm | 200 |
| HRT | 5/16 or 8mm | 200 |
| HRT | 3/8 or 10mm | 200 |
| HRT | 1/2 or 12mm | 200 |



Tube Cutter

### ETC-20

| PART NO. | Qty/Box |
|---|---|
| ETC-20 | 80 |

Fluidfit

# PP Series

## Polypropylene

Fittings

Valves

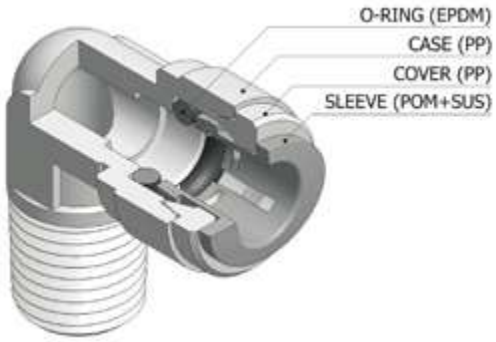


# PP **Fittings**

Inch Fittings

## Technical information

### Structural Diagram




### Applications

- More chemically resistant than acetal
- Used in water supply feed line, Beverage dispenser

### Features

- Enhanced Chemically Resistant

### Specifications

- **Material :** PP(Polypropylene), POM, SUS301, EPDM Seal
- **Temperature Range :** 1 °C~ 60 °C
- **Operating Pressure :** Refer to the table below
- **Applicable Fluids :** Water, Food & Beverage

| Φ \ °C | 1°C | 20°C | 60°C |
|---|---|---|---|
| 4mm ~ 12mm (5/32" ~ 1/2") | 10 Bar | 10 Bar | 4 Bar |

### Color Codes

WT White

**PP | FITTINGS | INCH**



Male Straight

## PHPC

| PART NO. | TUBE (Inch) | THREAD (NPT) | Qty/Box |
|---|---|---|---|
| PHPC1/4-N01W | 1/4 | NPT1/8 | |
| PHPC1/4-N02W | 1/4 | NPT1/4 | |



Male Elbow

## PHPL

| PART NO. | TUBE (Inch) | THREAD (NPT) | Qty/Box |
|---|---|---|---|
| PHPL1/4-N01W | 1/4 | NPT1/8 | |
| PHPL1/4-N02W | 5/16 | NPT1/4 | |

PP VALVES

# Ball VALVES

## Technical information

### Structural Diagram




### Applications

- More chemically resistant than acetal
- Used in water supply feed line, Beverage dispenser

### Features

- Enhanced Chemically Resistant

### Specifications

- **Material :** PP(Polypropylene), POM, SUS301, EPDM Seal
- **Temperature Range :** 1 °C~ 60 °C
- **Operating Pressure :** Refer to the table below
- **Applicable Fluids :** Water, Food & Beverage

| Φ / °C | 1°C | 20°C | 60°C |
|---|---|---|---|
| 4mm ~ 12mm (5/32" ~ 1/2") | 10 Bar | 10 Bar | 4 Bar |

### Color Codes

WT White

**PP | BALL VALVES | METRIC**



Ball Valve (Shut-Off Valve)

## PHBVU

| PART NO. | TUBE (Metric) | TUBE (Metric) | Qty/Box |
|---|---|---|---|
| PHBVU0606W | 06 | 06 | 25 |
| PHBVU0808W | 08 | 08 | 25 |
| PHBVU1010W | 10 | 10 | 15 |
| PHBVU1212W | 12 | 12 | 15 |

**PP | BALL VALVES | INCH**



Ball Valve (Shut-Off Valve)

## PHBVU

| PART NO. | TUBE (Inch) | TUBE (Inch) | Qty/Box |
|---|---|---|---|
| PHBVU1/4/-1/4W | 1/4 | 1/4 | 25 |
| PHBVU5/16-5/16W | 5/16 | 5/16 | 25 |
| PHBVU3/8-3/8W | 3/8 | 3/8 | 15 |
| PHBVU1/2-1/2W | 1/2 | 1/2 | 15 |



Fluidfit

# PE Series

## Polyethylene

### Tubes



# PE **TUBE**

## Technical information

### Applications

- Water purification, water conditioners, ice makers, misting systems and food contact application

### Features

- A wide range of temperature and pressure suitability
- Broad chemical compatibility
- PE tubing is made from FDA compliant and non contaminating materials

### Specifications

- **Tube Tolerance :** +0.1mm/-0.1mm
- **Temperature Range :** -20°F(-29°C) ~ +150°F(66°C)

### Available Sizes

| Size | 5/32" | 3/16" | 1/4" | 5/16" | 3/8" | 1/2" |
|---|---|---|---|---|---|---|
| | 4mm | 5mm | 6mm | 8mm | 10mm | 12mm |
| Pressure | 230 PSI | | | 170 PSI | | |

### Colors & Certifications by Product

■ PE ▨ BPE

| Color | | Natural | Black | White | Red | Blue | Yellow | Green |
|---|---|---|---|---|---|---|---|---|
| | | ○ | ●▨ | ○ | ●▨ | ●▨ | ●▨ | ●▨ |
| Certified | NSF | ○ | ● | ○ | ● | ● | ● | ● |
| | ACS | | ● | | ● | ● | | |

## PE



### Metric size tube

| PART NO. | Material | O.D(mm) | I.D(mm) | Reel Length(Meter) |
|---|---|---|---|---|
| PE 0425 | LLDPE | 4 | 2.5 | 200 |
| PE 0640 | LLDPE | 6 | 4 | 100 |
| PE 0860 | LLDPE | 8 | 6 | 100 |
| PE 1070 | LLDPE | 10 | 7 | 100 |
| PE 1290 | LLDPE | 12 | 9 | 100 |
| PE 15115 | LLDPE | 15 | 11.5 | 50 |

### Inch size tube

| PART NO. | Material | O.D(mm) | I.D(mm) | Reel Length(Meter) |
|---|---|---|---|---|
| PE 5/32 | LLDPE | 4 | 2.5 | 200 |
| PE 3/16 | LLDPE | 4.76 | 3.17 | 200 |
| PE 1/4 | LLDPE | 6.35 | 4.32 | 100 |
| PE 5/16 | LLDPE | 8 | 5.48 | 100 |
| PE 3/8 | LLDPE | 9.52 | 6.35 | 100 |
| PE 1/2 | LLDPE | 12.7 | 9.52 | 100 |

## BPE



### Metric size tube

| PART NO. | Material | O.D(mm) | I.D(mm) | Reel Length(Meter) |
|---|---|---|---|---|
| BPE 0425 | LLDPE | 4 | 2.5 | 200 |
| BPE 0640 | LLDPE | 6 | 4 | 100 |
| BPE 0860 | LLDPE | 8 | 6 | 100 |
| BPE 1070 | LLDPE | 10 | 7 | 100 |
| BPE 1290 | LLDPE | 12 | 9 | 100 |
| BPE 15115 | LLDPE | 15 | 11.5 | 50 |

### Inch size tube

| PART NO. | Material | O.D(mm) | I.D(mm) | Reel Length(Meter) |
|---|---|---|---|---|
| BPE 5/32 | LLDPE | 4 | 2.5 | 200 |
| BPE 3/16 | LLDPE | 4.76 | 3.17 | 200 |
| BPE 1/4 | LLDPE | 6.35 | 4.32 | 100 |
| BPE 5/16 | LLDPE | 8 | 5.48 | 100 |
| BPE 3/8 | LLDPE | 9.52 | 6.35 | 100 |
| BPE 1/2 | LLDPE | 12.7 | 9.52 | 100 |

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2026. 7