

Naturally high-quality, improved by technology.

**Fluidfit**

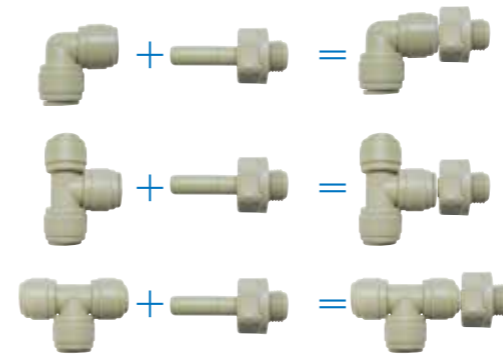
Fittings for potable water, drink dispenser, beverages.



Fittings for Potable Water, Drinks Dispense, Beverages

Naturally high-quality, improved by technology.

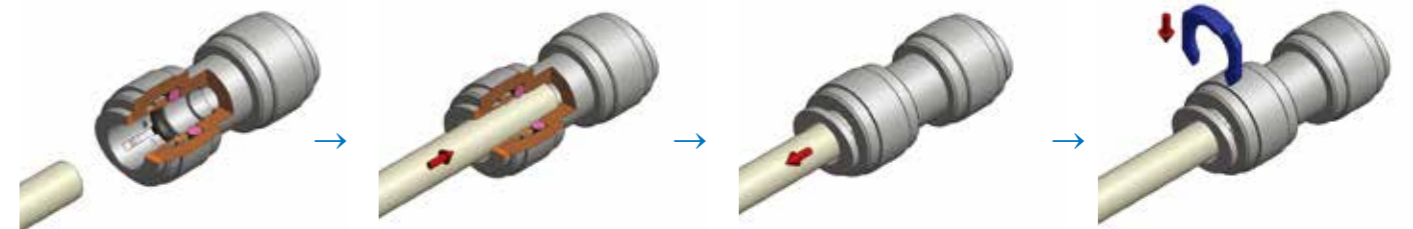
## 응용방법 Adaptability



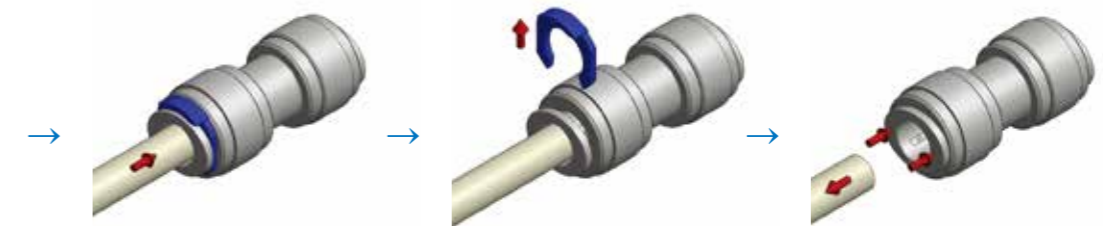
## Color Codes

HUT 0606 - G G(Gray)	HUT 0606 - B B(Black)	HUT 0606 - W W(Natural)

## 접속방법 Connection & Disconnection



- 1 사용전 튜브컷터를 이용하여 튜브의 끝면을 직각으로 자르고 외경은 흠집이 없도록 준비합니다.  
Use a tube cutter to prepare the tube end square.
- 2 튜브의 끝이 피팅의 정지면에 완전히 닿을때 까지 깊숙이 밀어 넣습니다.  
Insert the tube into the fitting fully up to the tube stop.
- 3 튜브의 완전한 안착을 확인하기 위해 튜브를 적당한 힘으로 당겨 봅니다.  
Pull the tube to check it is secure.
- 4 튜브를 당긴후 규격에 맞는 클립을 바디와 슬리브 사이에 끼워 줍니다.  
after pulling the tube, the clip insert into between body and sleeve



- 5 튜브의 완전한 안착을 위해 한번더 튜브를 밀어 줍니다. 클립의 사용은 튜브의 분리를 막아주며, 튜브와 피팅사이의 흔들림을 잡아줍니다.  
One more the tube push back to check the safety.  
The usage of clip is to prevent the tube pull-out and the shaking.
- 6 튜브를 분리하기전 시스템의 압력이 완전히 제거 되었는지 확인합니다. 튜브를 분리하기전 클립을 먼저 제거합니다.  
Check the system pressure before pulling out the tube.  
Remove the clip before removing tube.
- 7 튜브를 분리 할 때에는 먼저 슬리브를 몸체쪽으로 누른다음 튜브를 당겨 분리합니다.  
To remove the tube press and hold collet while pulling out tube.

## 용도 Applications

- 식음료 피팅은 원터치 방식으로 보다 안전하고, 튜브결합이 용이합니다.
- 물(Water)관련 연결구 제품으로 사용 환경 및 여건에 맞게 제품을 선정할 수 있으며 다양도로 적용할 수 있습니다.
- 정수기, 비데기, 냉장고홀바, 세척기, 식음료기기등 인체에 무해한 재질(FDA승인)로 제작되어 안심하게 사용할 수 있습니다.

## 특징 Features

- 한 번의 동작으로 튜브를 밀어 넣어 탈, 부착이 용이하며, 보다 간편하고 안정하게 사용 가능합니다.
- 공압피팅과 달리 코르크방식으로 밀폐기능이 뛰어나며, 누수현상에 대해 내구성이 뛰어납니다.
- 제품 재질은 FDA (미 식품 의약 안정청)승인 물질로 제작되어 보다 안전하며, NSF(미국위생협회)51, 61승인을 바탕으로 제작된 제품입니다.
- 식음료 Fitting은 Sleeve가 타원형으로 제작되어 있습니다.
- 사용 환경, 용도에 따라 다양한 제품을 선정하여 사용할 수 있습니다.

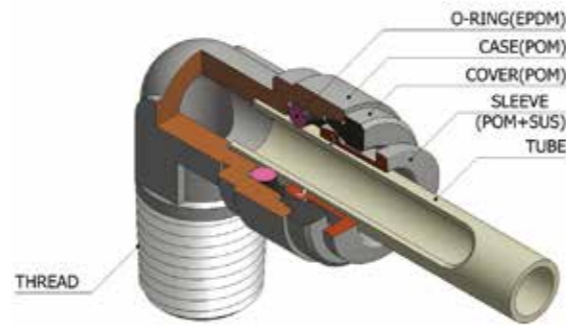
## Applications and Features PUSH-IN FITTINGS

- Fluidfit products are designed for water, food and air contact but can be used with selected gases, vacuum & liquids.
- A single action allows the tube to release and connect easily, saving time and expense.
- Fluidfit products are made from NSF approved non-toxic materials.
- Various uses depending on the user's environment and application

## 사양 Specifications

- 사용유체 Fluid type : Water(물), Beverages(식음료계통)
- 사용압력 Working pressure : 0~230PSI / 0~16kgf/cm<sup>2</sup>
- 사용온도 범위 Working temperature : 34~140° F / 0~60° C
- 사용호스 종류 Applicable Tube : Polyethylene(PE), Polyamide(PA), and Polyurethane(PU)
- 참조자료 Reference data(right table)

## Structural Diagram



## 참조자료 Reference data

Fluid type	Water, Beverages	
Tube type	Polyethylene(PE), Polyamide(PA) and Polyurethane(PU)	
Temperature	Working Pressure	
	4mm~8mm	10mm~22mm
	5/32"~5/16"	3/8"~1/2"
1°C	16Bar	10Bar
25°C	16Bar	10Bar
70°C	10Bar	7Bar

## 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

## 주문형식 Product Code System

### METRIC - BSPT(R)

# HPC 06-R01

FITTING FOR WATER APPLICATION	Tube Dia		Thread Size	
	CODE	SIZE	R(PT)	THREAD
	04	Ø4		
	06	Ø6	R01	R1/8
	08	Ø8	R02	R1/4
	10	Ø10	R03	R3/8
	12	Ø12	R04	R1/2

### METRIC - BSPP(G)

# HPC 04-G01

FITTING FOR WATER APPLICATION	Tube Dia		Thread Size	
	CODE	SIZE	G(PF)	THREAD
	04	Ø4		
	05	Ø5	G01	G1/8
	06	Ø6	G02	G1/4
	08	Ø8	G03	G3/8
	10	Ø10	G04	G1/2
	12	Ø12	G05	G5/8
	15	Ø15	G06	G3/4
	22	Ø22		

### INCH - NPT

# HPC 5/32-N01

FITTING FOR WATER APPLICATION	Tube Dia		Thread Size	
	CODE	SIZE	NPT THREAD	
	5/32	Ø5/32		
	3/16	Ø3/16	N01	NPT1/8
	1/4	Ø1/4	N02	NPT1/4
	5/16	Ø5/16	N03	NPT3/8
	3/8	Ø3/8	N04	NPT1/2
	1/2	Ø1/2		

## ⚠ 주의사항

- 물, 식음료 이외의 유체에는 사용하지 마십시오. 다른 유체를 사용할 시 당사에 문의하여 적용하시길 바라며, 내약품성 일람표를 참조하여 사용하십시오.
- 60°C 이상의 온수, 높은 온도의 유체 사용 시 열 및 튜브 재질상 가수분해현상이 발생하여 튜브, 피팅에 변형이 발생할 수 있으니 사용을 금합니다.
- 피팅제품에 비틀림, 잡아당김, 구부림 등 부하가 걸리지 않도록 해 주십시오. 튜브 빠짐 현상의 원인이 됩니다.
- 스파터(Spatter)가 발생하는 장소에서는 스파터로 인하여 화재의 위험요소가 높으니 사용을 자제하여 주십시오.
- 절삭유, 윤활유, 냉각유 등의 액체가 직접 닿는 환경에서는 사용하지 마십시오.

## ⚠ 경고사항

- 피팅과 튜브 조립시 이물질 및 먼지를 완전히 제거한 후 조립을 하여 주십시오.
- 식음료용 Fitting은 Water(물, 식음료)를 원활하게 이송해 주는 연결구 계수용 제품으로 그 목적 이외의 사용은 피해 주시길 바랍니다.
- 당사 이외의 제품을 사용할 시 튜브의 외경공차 허용범위에 속해 있는지 확인하시고 사용하시기 바랍니다. 만약 튜브의 외경공차 범위에 벗어날 시 누수현상의 원인이 됩니다.

## ⚠ WARNING AND PRECAUTION

- USE EACH PRODUCT ONLY FOR RECOMMENDED APPLICATIONS.
- FLOWFIT PRODUCTS ARE ORIGINALLY DESIGNED FOR USE WITH WATER, FOOD, OR BEVERAGE PRODUCTS. FOR OTHER CHEMICALS REFER TO CHEMICAL COMPATIBILITY DATA (CHART) PROVIDED. FOR UNLISTED CHEMICALS OR MEDIA PLEASE CONTACT US.
- DO NOT DISASSEMBLE OR MODIFY THE PRODUCTS. IT MAY CAUSE MALFUNCTION, LEAK, OR FAILURE AND Voids THE PRODUCT WARRANTY.
- DO NOT APPLY EXCESSIVE STRESS ON FITTING BY ROTATION, TWIST, BENDING, SHOCK. THIS MAY DAMAGE THE FITTING OR CAUSE MALFUNCTION, LEAK, OR FAILURE AND Voids THE PRODUCT WARRANTY.
- DO NOT USE THE PRODUCTS AT THE TEMPERATURE EXCEEDING 80°C. THIS MAY CAUSE MALFUNCTION, LEAK, OR FAILURE.
- DO NOT USE PIPE GLUE OR OTHER LIQUID SEALANTS OTHER THAN TEFLON TAPE WHEN SEALING THREADED FITTINGS.
- DO NOT PRESS COLLET TOWARD BODY OR ATTEMPT TO PULL OUT TUBING WHEN THE LINE IS PRESSURED.
- USE LOCKING CLIPS TO PREVENT UNINTENDED SEPARATION.
- WHEN TIGHTENING THREADED FITTINGS, REFER TO TORQUE DATA PROVIDED. OVER-TORQUE MAY DAMAGE THE FITTING AND CAUSE LEAK OR FAILURE.
- BEFORE DISASSEMBLING TUBE CONNECTION, VERIFY IF THE LINE PRESSURE HAS BEEN REMOVED.
- FLOWFIT PRODUCTS MAY BE MODIFIED OR REDESIGNED AS TO MARKET REQUIREMENT FOR IMPROVEMENT WITHOUT NOTICE, THEREFORE THE ACTUAL PRODUCT MAY DIFFER FROM PICTURES PROVIDED.

Fittings for Potable Water, Drinks Dispense, Beverages



PUSH-IN FITTINGS

HPC



		MODEL(φD-T)		
		Tube(Metric)-Thread(R)	Tube(Metric)-Thread(NPT)	Tube(Metric)-Thread(G)
	HPC 04R01	HPC 10R03	HPC 12-N04	HPC 04G01
	HPC 06R01	HPC 10R04		HPC 04G02
	HPC 06R02	HPC 12R03		HPC 06G01
	HPC 06R03	HPC 12R04		HPC 06G02
	HPC 08R01			HPC 08G01
	HPC 08R02			HPC 08G02
	HPC 08R03			HPC 08G03
				HPC 08G04

HPC-G



HPC



		MODEL(φD-T)			
		Tube(Inch)-Thread(NPT)	Tube(Inch)-Thread(R)	Tube(Inch)-Thread(G)	Tube(Inch)-Thread(MFL)
INCH	HPC 5/32-N01	HPC 5/16-N02	HPC 1/4-R01	HPC 3/16-G01	HPC 3/8-MFL02
	HPC 5/32-N02	HPC 5/16-N03	HPC 1/4-R02 <small>NEW</small>	HPC 1/4-G01	
	HPC 3/16-N01	HPC 5/16-N04	HPC 1/4-R03	HPC 1/4-G02	
	HPC 3/16-N02	HPC 3/8-N01	HPC 3/8-R03	HPC 5/16-G01	
	HPC 1/4-N01	HPC 3/8-N02		HPC 5/16-G02	
	HPC 1/4-N02	HPC 3/8-N03		HPC 5/16-G03	
	HPC 1/4-N03	HPC 3/8-N04		HPC 3/8-G02	
	HPC 1/4-N04 <small>NEW</small>	HPC 1/2-N03		HPC 3/8-G03	
	HPC 5/16-N01	HPC 1/2-N04 <small>NEW</small>		HPC 1/2-G04	

HPC-MFL



\*MFL02 Corresponds to a UNF 7/16-20

HCF-G



		MODEL(φD-T)			
		Tube(Metric)-Thread(G)	Tube(Metric)-Thread(UNF)	Tube(Metric)-Thread(UNS)	Tube(Metric)-Thread(NH)
	HCF 04G01	HCF 08G06	HCF 06-UNF 7/16-20	HCF 06-UNS7/16-24	HCF 06-NH06
	HCF 06G01	HCF 10G02	HCF 08-UNF 7/16-20	HCF 08-UNS7/16-24	HCF 08-NH06
	HCF 06G02	HCF 10G03	HCF 10-UNF 7/16-20		HCF 10-NH06
	HCF 06G03	HCF 10G04			
	HCF 08G01	HCF 10G06			
	HCF 08G02	HCF 12G02			
	HCF 08G03	HCF 12G03			
	HCF 08G04	HCF 12G04			

HCF-NH



HCF




		MODEL(φD-T)			
		Tube(Inch)-Thread(NPT)	Tube(Inch)-Thread(G)	Tube(Inch)-Thread(UNF)	Tube(Inch)-Thread(UN)
INCH	HCF 1/4-N01	HCF 1/4-G04	HCF 5/16-UNF7/16-20	HCF 3/8-UN1/2-16	HCF 5/16-UNS7/16-24 <small>NEW</small>
	HCF 1/4-N02	HCF 1/4-G06 <small>NEW</small>	HCF 3/8-UNF7/16-20		
	HCF 3/8-N02	HCF 3/8-G04			
		HCF 3/8-G04H <small>NEW</small>			
		HCF 3/8-G05			
		HCF 3/8-G05H			
		HCF 3/8-G06			
		HCF 1/2-G04			

## PUSH-IN FITTINGS


**HCJ**

MODEL(φD-T)					
Stem O.D(Metric)-Thread(R)		Stem O.D(Inch)-Thread(NPT)		Stem O.D(Metric)-Thread(G)	
HCJ 04R01	HCJ 10R02	HCJ 5/32-N01	HCJ 5/16-N03	HCJ 04G01	HCJ 10G02
HCJ 04R02	HCJ 10R03	HCJ 5/32-N02	HCJ 3/8-N02	HCJ 04G02	HCJ 10G03
HCJ 06R01	HCJ 10R04	HCJ 3/16-N01	HCJ 3/8-N03	HCJ 06G01	HCJ 10G04
HCJ 06R02	HCJ 12R03	HCJ 1/4-N01	HCJ 1/2-N03	HCJ 06G02	HCJ 12G03
HCJ 08R01	HCJ 12R04	HCJ 1/4-N02	HCJ 1/2-N04	HCJ 08G01	HCJ 12G04
HCJ 08R02		HCJ 5/16-N01		HCJ 08G02	
HCJ 08R03		HCJ 5/16-N02		HCJ 08G03	

HCJ-G




INCH



**HPL**

MODEL(φD-T)			
Tube(Metric) -Thread(R)		Tube(Inch)-Thread(NPT)	
HPL 04R01	HPL 10R03	HPL 5/32-N01	HPL 3/8-N02
HPL 06R01	HPL 12R02	HPL 3/16-N01	HPL 3/8-N03
HPL 06R02	HPL 12R03	HPL 1/4-N01	HPL 1/2-N03
HPL 06R03	HPL 12R04	HPL 1/4-N02	HPL 1/2-N04
HPL 08R02		HPL 1/4-N03	
HPL 08R03		HPL 5/16-N02	
HPL 10R02		HPL 5/16-N03	


INCH



**HLJ**

MODEL(φD)	
Stem O.D(Metric)-Tube(Metric)	Stem O.D(Inch)-Tube(Inch)
HLJ 0404	HLJ 5/32-5/32
HLJ 0606	HLJ 3/16-3/16
HLJ 0608	HLJ 1/4-1/4
HLJ 0808	HLJ 5/16-5/16
HLJ 1006	HLJ 3/8-1/4
HLJ 1008	HLJ 3/8-5/16
HLJ 1010	HLJ 3/8-3/8
HLJ 1212	HLJ 3/8-06 <sup>NEW</sup>
	HLJ 1/2-1/2


INCH



**HGJ**

MODEL(φD)	
Stem O.D(Metric)-Tube(Metric)	Stem O.D(Inch)-Tube(Inch)
HGJ 06-04	HGJ 1/4-5/32
HGJ 08-04	HGJ 5/16-1/4
HGJ 08-06	HGJ 3/8-1/4
HGJ 08-10	HGJ 3/8-5/16
HGJ 10-06	HGJ 1/2-3/8
HGJ 10-08	
HGJ 12-08	
HGJ 12-10	


INCH



**HMM**

MODEL(φD)	
Tube(Metric)	Tube(Inch)
HMM 04-04	HMM 5/32-5/32
HMM 06-04	HMM 1/4-1/4
HMM 06-06	HMM 1/4-3/8
HMM 08-06	HMM 5/16-5/16
HMM 08-08	HMM 3/8-3/8
HMM 10-10	HMM 1/2-1/2
HMM 12-12	

INCH




## PUSH-IN FITTINGS

**HUC**

MODEL(φD)			
Tube(Metric)		Tube(Inch)	
HUC 0404	HUC 1006	HUC 5/32-5/32	HUC 3/8-5/16
HUC 0604	HUC 1008	HUC 3/16-3/16	HUC 3/8-3/8
HUC 0605	HUC 1010	HUC 1/4-1/4	HUC 1/2-5/16
HUC 0606	HUC 1208 <sup>NEW</sup>	HUC 5/16-5/32	HUC 1/2-3/8
HUC 0804	HUC 1210	HUC 5/16-1/4	HUC 1/2-1/2
HUC 0806	HUC 1212	HUC 5/16-5/16	
HUC 0808		HUC 3/8-1/4	


INCH



**HUL**

MODEL(φD-T)			
Tube(Metric)		Tube(Inch)	
HUL 0404	HUL 1010	HUL 5/32-5/32	HUL 3/8-5/16
HUL 0606	HUL 1206	HUL 3/16-3/16	HUL 3/8-3/8
HUL 0804	HUL 1208	HUL 1/4-1/4	HUL 1/2-3/8
HUL 0806	HUL 1210	HUL 5/16-5/32	HUL 1/2-1/2
HUL 0808	HUL 1212	HUL 5/16-1/4	
HUL 1006		HUL 5/16-5/16	
HUL 1008		HUL 3/8-1/4 <sup>NEW</sup>	


INCH



**HUT**

MODEL(φD)	
Tube(Metric)	Tube(Inch)
HUT 0404	HUT 5/32-5/32
HUT 0606	HUT 3/16-3/16
HUT 0808	HUT 1/4-1/4
HUT 100608	HUT 5/16-5/16
HUT 100610	HUT 3/8-3/8
HUT 1010	HUT 3/8-1/4-3/8
HUT 121012	HUT 1/2-1/2
HUT 1212	


INCH



**HUY**


MODEL(φD)	
Tube(Metric)	Tube(Inch)
HUY 0404	HUY 5/32-5/32
HUY 0606	HUY 3/16-3/16
HUY 0808	HUY 1/4-1/4
HUY 1008	HUY 5/16-5/16
HUY 1010	HUY 3/8-3/8
HUY 1212	HUY 1/2-1/2

INCH



**HZA**

MODEL(φD)	
Tube(Metric)	
HZA 0606	





PUSH-IN FITTINGS

**HPF**

MODEL(φD)	
Tube(Metric)	Tube(Inch)
HPF 04	HPF 5/32
HPF 06	HPF 3/16
HPF 08	HPF 1/4
HPF 10	HPF 5/16
HPF 12	HPF 3/8
	HPF 1/2



**HPF**  
INCH

**HPP**


MODEL(φD)	
Stem O.D(Metric)	Stem O.D(Inch)
HPP 04	HPP 5/32
HPP 06	HPP 3/16
HPP 08	HPP 1/4
HPP 10	HPP 5/16
HPP 12	HPP 3/8
	HPP 1/2

**HPP**  
INCH


**HCBB**

MODEL(φD)	
Tube(Metric)-Tube I.D(Metric)	Tube(Inch)-Tube I.D(Inch)
HCBB 1210	




**HUFF**

MODEL(T)	
Thread(G)-Thread(G)	
HCFF G02-G06	
HCFF G03-G06	




**HCAS-F**

MODEL(φD)	
Tube(Metric)	Tube(Inch)
HCAS-F 04	HCAS-F 5/32 <b>NEW</b>
HCAS-F 06	HCAS-F 1/4
HCAS-F 08	HCAS-F 5/16
HCAS-F 10	HCAS-F 3/8
HCAS-F 12	HCAS-F 1/2



**HCAS-H**

MODEL(φD)	
Tube(Metric)	Tube(Inch)
HCAS-H 04	HCAS-H 5/32 <b>NEW</b>
HCAS-H 06	HCAS-H 1/4
HCAS-H 08	HCAS-H 5/16
HCAS-H 10	HCAS-H 3/8
HCAS-H 12	HCAS-H 1/2





PUSH-IN FITTINGS

**HCAS-P**

MODEL(φD)	
Tube(Metric)	Tube(Inch)
HCAS-P 04	HCAS-P 5/32
HCAS-P 06	HCAS-P 1/4
HCAS-P 08	HCAS-P 5/16
HCAS-P 10	HCAS-P 3/8
HCAS-P 12	HCAS-P 1/2



**HCAS-P**  
INCH

**HCJB**

MODEL(φD)	
Stem O.D(Metric)-Tube I.D(Metric)	Stem O.D(Inch)-Tube I.D(Inch)
HCJB 0604	HCJB 1/4-1/4
HCJB 0606	HCJB 5/16-5/16 <b>NEW</b>
HCJB 0806	HCJB 3/8-5/16 <b>NEW</b>
HCJB 1006	HCJB 3/8-3/8
HCJB 1008	HCJB 1/2-3/8 <b>NEW</b>



**HCJB**  
INCH

**HLJB**

MODEL(φD)	
Stem O.D(Metric)-Tube I.D(Metric)	Stem O.D(Inch)-Tube I.D(Inch)
HLJB 1006	HLJB 3/8-5/16
HLJB 1008	HLJB 3/8-3/8


**HLJB**  
INCH

**HBU**

MODEL(φD)	
Tube(Metric)	Tube(Inch)
	HBU 1/2-1/2



**HBU**  
INCH




SWIVEL TYPE FITTINGS 

**HRPL**

MODEL(φD-T)					
Tube(Metric)-Thread(R)		Tube(Inch)-Thread(NPT)		Tube(Metric)-Thread(G)	
HRPL 04 R01	HRPL 10 R02	HRPL 5/32-N01	HRPL 5/16-N03	HRPL 04 G01	HRPL 10 G02
HRPL 04 R02	HRPL 10 R03	HRPL 5/32-N02	HRPL 3/8-N02	HRPL 04 G02	HRPL 10 G03
HRPL 06 R01	HRPL 10 R04	HRPL 1/4-N01	HRPL 3/8-N03	HRPL 06 G01	HRPL 10 G04
HRPL 06 R02	HRPL 12 R03	HRPL 1/4-N02	HRPL 1/2-N03	HRPL 06 G02	HRPL 12 G03
HRPL 08 R01	HRPL 12 R04	HRPL 5/16-N01	HRPL 1/2-N04	HRPL 08 G01	HRPL 12 G04
HRPL 08 R02		HRPL 5/16-N02		HRPL 08 G02	
HRPL 08 R03				HRPL 08 G03	






INCH




**HRPT**

MODEL(φD-T)					
Tube(Metric)-Thread(R)		Tube(Inch)-Thread(NPT)		Tube(Metric)-Thread(G)	
HRPT 04 R01	HRPT 10 R02	HRPT 5/32-N01	HRPT 5/16-N03	HRPT 04 G01	HRPT 10 G02
HRPT 04 R02	HRPT 10 R03	HRPT 5/32-N02	HRPT 3/8-N02	HRPT 04 G02	HRPT 10 G03
HRPT 06 R01	HRPT 10 R04	HRPT 1/4-N01	HRPT 3/8-N03	HRPT 06 G01	HRPT 10 G04
HRPT 06 R02	HRPT 12 R03	HRPT 1/4-N02	HRPT 1/2-N03	HRPT 06 G02	HRPT 12 G03
HRPT 08 R01	HRPT 12 R04	HRPT 5/16-N01	HRPT 1/2-N04	HRPT 08 G01	HRPT 12 G04
HRPT 08 R02		HRPT 5/16-N02		HRPT 08 G02	
HRPT 08 R03				HRPT 08 G03	






INCH




**HRST**

MODEL(φD-T)					
Tube(Metric)-Thread(R)		Tube(Inch)-Thread(NPT)		Tube(Metric)-Thread(G)	
HRST 04 R01	HRST 10 R02	HRST 5/32-N01	HRST 5/16-N03	HRST 04 G01	HRST 10 G02
HRST 04 R02	HRST 10 R03	HRST 5/32-N02	HRST 3/8-N02	HRST 04 G02	HRST 10 G03
HRST 06 R01	HRST 10 R04	HRST 1/4-N01	HRST 3/8-N03	HRST 06 G01	HRST 10 G04
HRST 06 R02	HRST 12 R03	HRST 1/4-N02	HRST 1/2-N03	HRST 06 G02	HRST 12 G03
HRST 08 R01	HRST 12 R04	HRST 5/16-N01	HRST 1/2-N04	HRST 08 G01	HRST 12 G04
HRST 08 R02		HRST 5/16-N02		HRST 08 G02	
HRST 08 R03				HRST 08 G03	



INCH




SWIVEL TYPE FITTINGS 

**HRWT**

MODEL(φD-T)					
Tube(Metric)-Thread(R)		Tube(Inch)-Thread(NPT)		Tube(Metric)-Thread(G)	
HRWT 04 R01	HRWT 10 R02	HRWT 5/32-N01	HRWT 5/16-N03	HRWT 04 G01	HRWT 10 G02
HRWT 04 R02	HRWT 10 R03	HRWT 5/32-N02	HRWT 3/8-N02	HRWT 04 G02	HRWT 10 G03
HRWT 06 R01	HRWT 10 R04	HRWT 1/4-N01	HRWT /8-N03	HRWT 06 G01	HRWT 10 G04
HRWT 06 R02	HRWT 12 R03	HRWT 1/4-N02	HRWT 1/2-N03	HRWT 06 G02	HRWT 12 G03
HRWT 08 R01	HRWT 12 R04	HRWT 5/16-N01	HRWT 1/2-N04	HRWT 08 G01	HRWT 12 G04
HRWT 08 R02		HRWT 5/16-N02		HRWT 08 G02	
HRWT 08 R03				HRWT 08 G03	

INCH





### SINGLE CHECK VALVES (NON-RETURN VALVE)

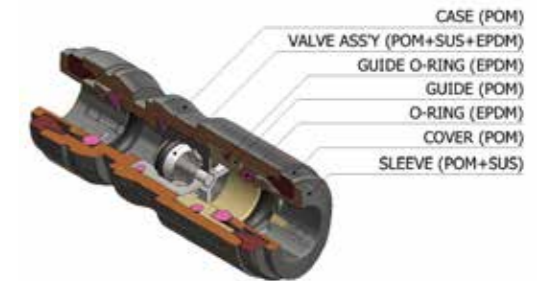
#### 용도 Applications

- 유체를 한쪽 방향으로만 흐르게 하는 역류 방지 밸브입니다.
- This Valve allows one way fluid flow and blocks the reverse flow

#### 특징 Features

- 소형이어서 작은 공간에서도 사용하기 편리합니다.
- Cracking Pressure 0.02bar
- 설치가 쉽고 사용이 편리합니다.
- Compact size and convenient to use in a narrow space
- Cracking Pressure 0.02bar
- Fast installation and easy maintenance

#### Structural Diagram




Fittings for Potable Water, Drinks Dispense, Beverages

### LARGE SIZE FITTINGS


**HPC-G**

MODEL(φD-T)
Tube(Metric)-Thread(G)
HPC 15G04
HPC 15G06
HPC 22G06




**HCF-G**

MODEL(φD-T)
Tube(Metric)-Thread(G)
HCF 15-G06




**HCJ-G**

MODEL(φD-T)
Stem O.D(Metric)-Thread(G)
HCJ 15G04




**HLJ**

MODEL(φD)
Stem O.D(Metric)-Tube(Metric)
HLJ 1515




**HGJ**

MODEL(φD)
Stem O.D(Metric)-Tube(Metric)
HGJ 15-10
HGJ 15-12




**HUC**

MODEL(φD)
Tube(Metric)
HUC 1515
HUC 2222




**HUL**

MODEL(φD)
Tube(Metric)
HUL 1515
HUL 2222




**HUT**

MODEL(φD)
Tube(Metric)
HUT 1515
HUT 2222
HUT 221222
HUT 221522




**HPF**

MODEL(φD)
Tube(Metric)
HPF 15
HPF 22




**HPP**

MODEL(φD)
Stem O.D(Metric)
HPP 15
HPP 22



**HCBB**

MODEL(φD)
Tube(Metric)-Tube I.D(Inch)
HCBB 15-1/2
HCBB 22-1/2
HCBB 22-3/4



### HCVU



MODEL(φD)	
Tube(Metric)	Tube(Inch)
HCVU 0404 <small>NEW</small>	HCVU 5/32-5/32 <small>NEW</small>
HCVU 0606	HCVU 1/4-1/4
HCVU 0808	HCVU 5/16-5/16
HCVU 1010	HCVU 3/8-3/8
HCVU 1212	HCVU 1/2-1/2

### HCVU



# FLOW CONTROL VALVES

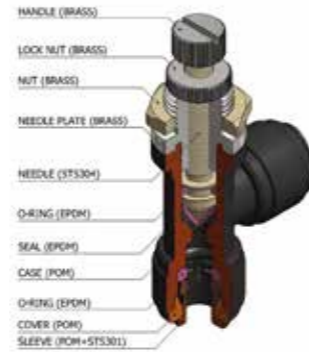
### 용도 Applications



- 소형 유량을 조절하여 일정한 유량을 배출하는 밸브입니다.
- Constant flow rate by small airflow controlling.



### 특징 Features



- 물, 식음료 등에 사용가능합니다.
- 면적 변화에 의해 유량을 증감 할 수 있습니다.
- 설치가 쉽고 사용이 편리합니다.
- 온도의 변화에도 안정성 있게 사용 할 수 있습니다.
- Used for Water and Beverages
- Installation is easy and convenient to use.
- It is stable to be used with frequent temperature change.



### Structural Diagram



HSLB	MODEL(φD)		HSLB
	Tube(Metric)	Tube(Inch)	
	HSLB 0606	HSLB 1/4-1/4	
	HSLB 1010	HSLB 3/8-3/8	

HSTB	MODEL(φD)		HSTB
	Tube(Metric)	Tube(Inch)	
	HSTB 0606	HSTB 1/4-1/4	
	HSTB 1010	HSTB 3/8-3/8	

HSLU	MODEL(φD)		HSLU
	Tube(Metric)	Tube(Inch)	
	HSLU 0606	HSLU 1/4-1/4	
	HSLU 1010	HSLU 3/8-3/8	

HSTU	MODEL(φD)		HSTU
	Tube(Metric)	Tube(Inch)	
	HSTU 0606	HSTU 1/4-1/4	
	HSTU 1010	HSTU 3/8-3/8	

# BALL VALVES (SHUT-OFF VALVE)

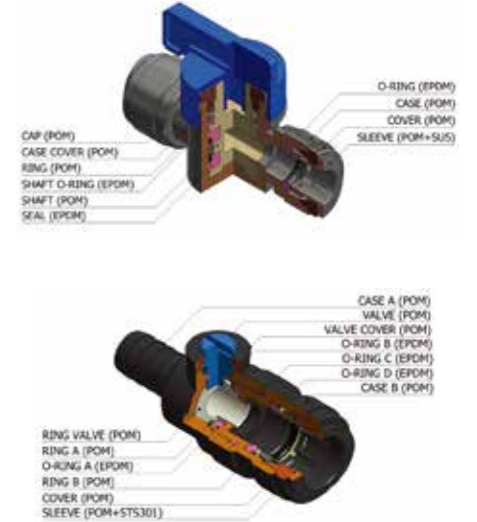
### 용도 Applications



- 압축공기, 물의 공급을 개폐(ON/OFF)하는 밸브입니다.
- 공기 및 물에 사용 가능
- The user switches the On-Off valve to supply the compressed air or fluid.
- Suitable for air and water


### 특징 Features

- 소형이어서 작은 공간에서도 사용이 편리합니다
- TUBE SIZE에 맞게 사용 가능하며 TUBE SIZE 만큼의 유효 단면적을 확보 할 수 있습니다.
- Compact size and convenient to use in a narrow space
- Designed full bore and maximum flow rate

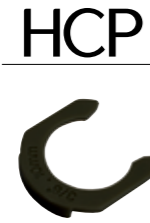
### Structural Diagram



HBVU	MODEL(φD)		HBVU
	Tube(Metric)	Tube(Inch)	
	HBVU 0606	HBVU 1/4-1/4	
	HBVU 0808	HBVU 5/16-5/16	
	HBVU 1010	HBVU 3/8-3/8	
	HBVU 1212	HBVU 1/2-1/2	

HCVB	MODEL(φD)	
	Tube(Metric)	Tube I.D(Inch)
	HCVB 15-1/2	
	HCVB 22-1/2	
	HCVB 22-3/4	

## ACCESSORIES



MODEL(φD)	
Tube(Metric)	Tube(Inch)
HCP 04	HCP 5/32
HCP 06	HCP 3/16
HCP 08	HCP 1/4
HCP 10	HCP 5/16
HCP 12	HCP 3/8
HCP 15	HCP 1/2
HCP 22	



## POLYETHYLENE TUBE

### 용도 Applications

- 정수기, 아이스 제조기, 식음료용 공장라인, 커피머신 등
- water purification, water conditioners, ice makers, misting systems and food contact application

### 특징 Features

- 다양한 온도와 압력에 사용 가능합니다.
- 화학적 내구성이 우수합니다.
- 어떤 오염 혹은 인체 유해한 재료를 사용하지 않았으며 FDA 규정에 적합합니다.
- A wide rang of temperature and pressure suitability
- Broad chemical compatibility
- PE tubing is made from FDA compliant and non contaminating materials

### 사양 Specifications

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



### 최대압력 Maximum Pressure

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

### 색상 및 사이즈 Available Color and Sizes



		MODEL(Outer · Inner)									
Tube(Metric)	Color					Tube(Inch)	Color				
	PE 0425	Natural	Black	White	Red		Blue	PE 5/32	Natural	Black	White
PE 0640	Natural	Black	White	Red	Blue	PE 3/16	Natural	Black	White	Red	Blue
PE 0860	Natural	Black	White	Red	Blue	PE 1/4	Natural	Black	White	Red	Blue
PE 1070	Natural	Black	White	Red	Blue	PE 5/16	Natural	Black	White	Red	Blue
PE 1290	Natural	Black	White	Red	Blue	PE 3/8	Natural	Black	White	Red	Blue
						PE 1/2	Natural	Black	White	Red	Blue