LINK TECH™

QUICK COUPLINGS INCORPORATED











2016 CATALOG

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LEGEND: Straight-Through | Single Shut-Off | Double Shut-Off

50 SERIES



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New



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New



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65 SERIES



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New



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100 SERIES

New



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New



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THE WORLD LEADER IN INTERCHANGE QUICK DISCONNECT COUPLINGS

LinkTech Quick Couplings Inc. is the trusted 10-year American manufacturer of thumb-latch quick couplings and valves. LinkTech produces the largest general purpose product offering of quick disconnect couplings, with over 9,600 standard and custom styles to meet your unique application requirements.



THEN:

LinkTech was established in 2005. During its first three years, LinkTech focused on the development and release of its five initial product lines, which have since grown to 24 complete product series.

TODAY:

After a decade of development and expanding capability, LinkTech has become *The World's Largest Producer of Interchange Quick Couplings*. With their modern manufacturing facility, they make full use of best practices and lean manufacturing techniques. LinkTech has remained true to its goal of developing and producing new innovative designs creating the market's highest quality couplings.

TOMORROW:

LinkTech is focused on customer excellence and product development and has major expansion plans for product range, capability, and facility. LinkTech is committed to its customers and trading partners and is focused on continual quality improvements and efficiencies, therefore offering the highest quality product at the most efficient cost.

LINKTECH CULTURE:

LinkTech fosters a climate that encourages innovation and diligence amongst staff and rewards accordingly. Employees share a common goal of commitment to customer integrity. With LinkTech's open environment, employees are able to grow in a dynamic, fast-growing market.

LINKTECH™
QUICK COUPLINGS INCORPORATED

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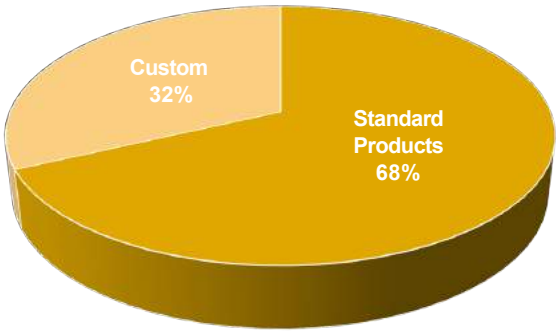
OUR CAPABILITIES

CUSTOM SOLUTIONS:

With a team of experts and technical engineers, LinkTech maintains a continual commitment to innovation and product development. LinkTech develops custom couplings to meet unique application requirements for specific customers. Their qualified engineers are here to help customers integrate their connection technology and customize it for challenging applications.



MANUFACTURING:

CLEANROOM

LinkTech offers manufacturing and/or packaging of its product lines in their state-of-the-art Bio-Clean hardwall ISO 7 (third party) Certified Cleanroom. LinkTech's proprietary production system assures an end product that exceeds their customers' sterilization and bioburden expectations. All products are vacuum sealed in double polybags.



GENERAL PURPOSE

LinkTech's expertise encompasses precision injection molding, plastic joining, machining, and assembly of critical zero leak valves and connectors. All of their plastic couplings are produced with close tolerance molding and assembled with either ultrasonic (SPC controlled) or spin-weld joining technology. Their tough metal couplings are produced by precision machining and assembled with press fit technology.



QUALITY:

Being an ISO 9001:2008 Registered Company, LinkTech is devoted to quality and customer satisfaction. Their expansive quality control system includes manufacturing lot control of every component, which guarantees excellent quality and traceability. Quality is the number one priority at LinkTech.



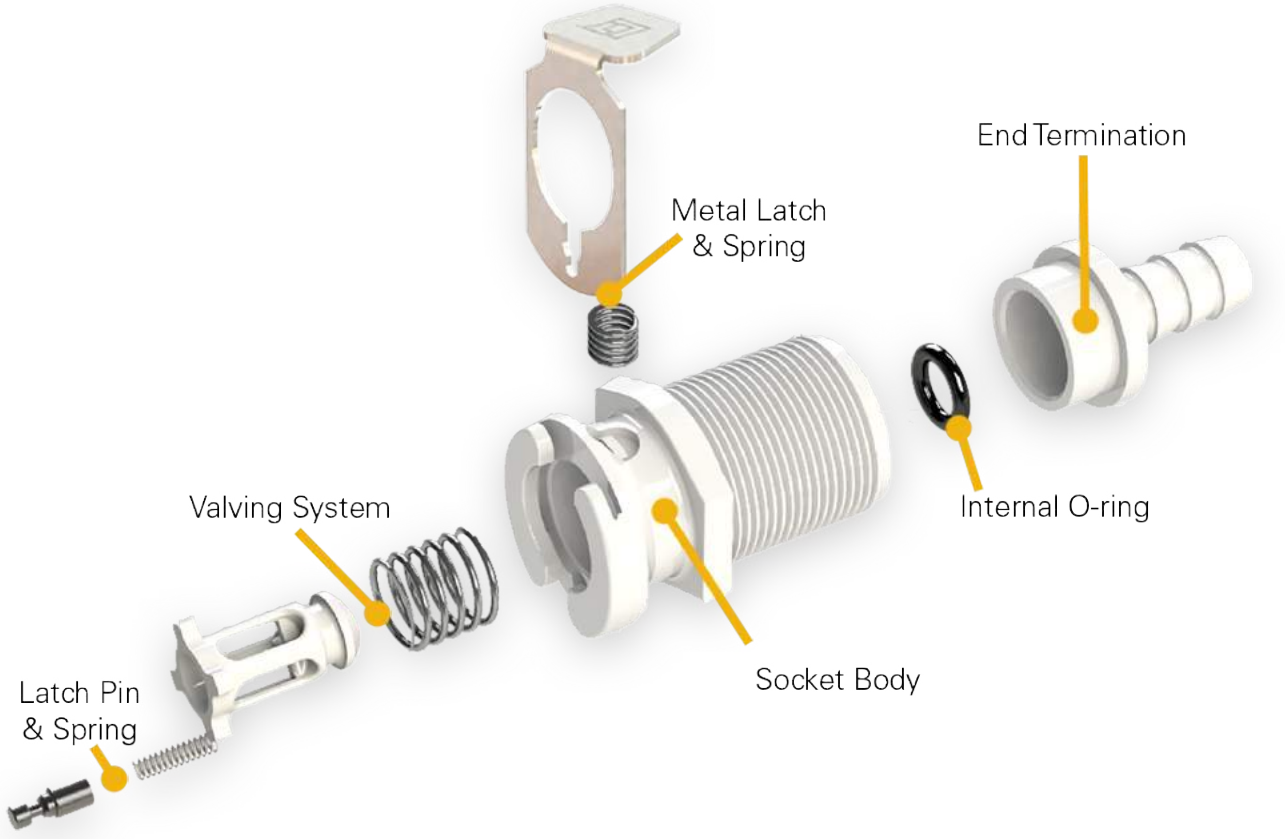
SALES & DISTRIBUTION:

LinkTech has distribution partners established on every major continent. They are supported by a team of professional direct sales engineers and are available to serve customers' needs.



ISO 9001:2008 REGISTERED COMPANY

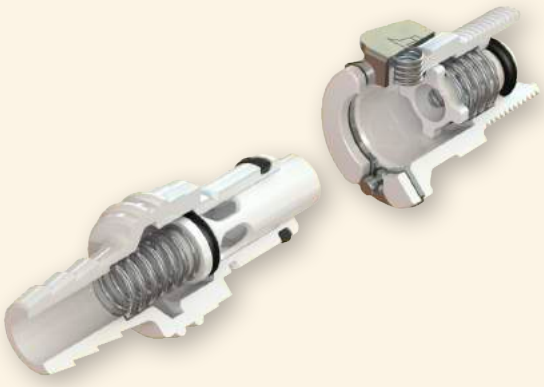
SOCKET



MINIATURE TWIST LOCK TECHNOLOGY



LEGACY METAL LATCH TECHNOLOGY



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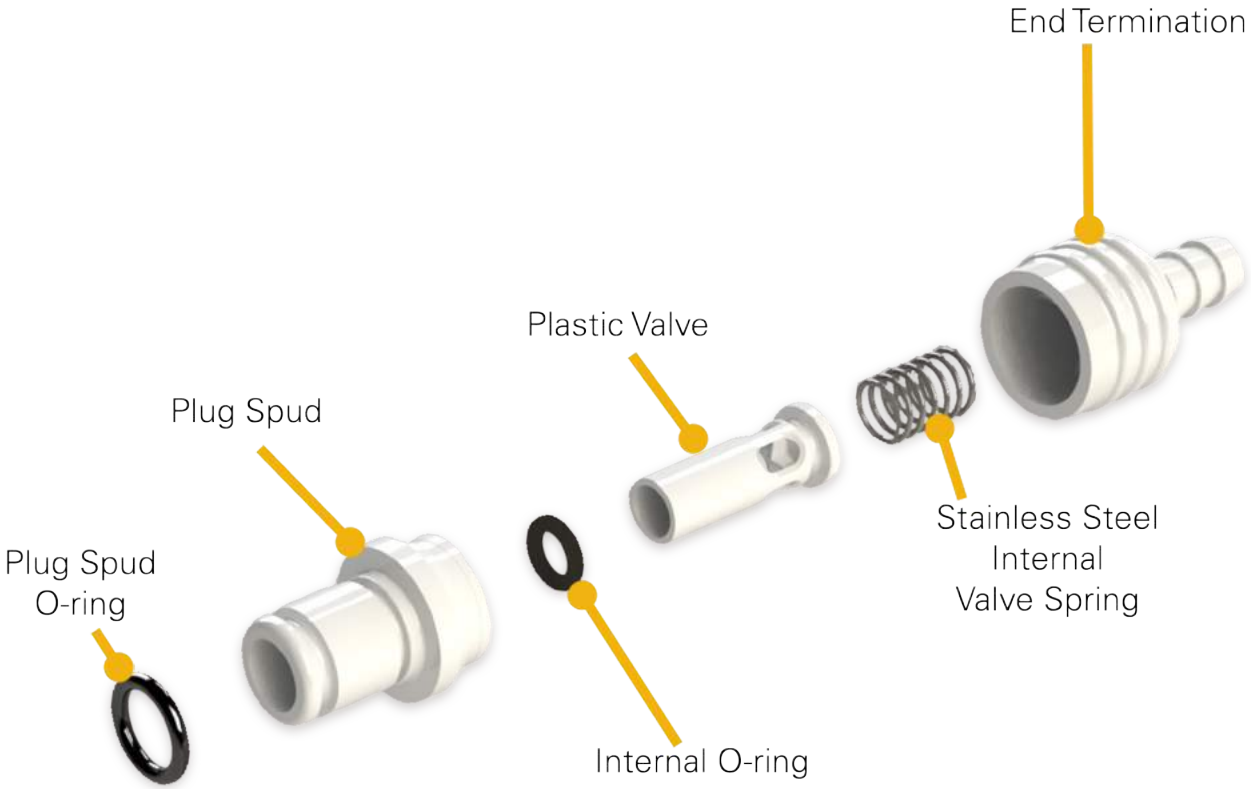
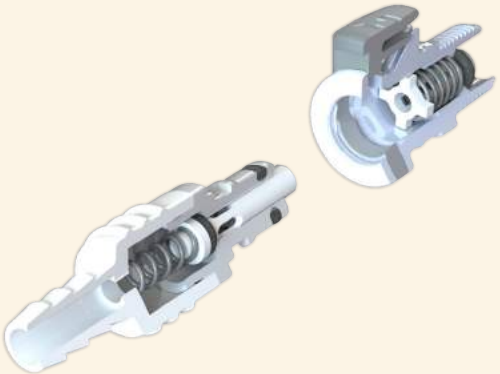
PLUG



ADVANCED PLASTIC LATCH TECHNOLOGY



*Fewer moving parts. No external spring.

MULTIPLE PORT TECHNOLOGY



CHOOSING THE CORRECT COUPLINGS

Flow Size:

What is your required flow and/or material preference?

1/16" Flow
Twist Lock Technology

1/8" Flow
Metal Latch Technology



1/8" Flow
Plastic Latch Technology



1/4" Flow
Metal Latch Technology



1/4" Flow
Plastic Latch Technology



3/8" Flow
Plastic Latch Technology



1/2" Flow
Plastic Latch Technology



Standard Material:

Do you have sterilization/chemical compatibility needs?

Acetal (POM)
COLORS:



Polypropylene
COLORS:



Chrome Brass
COLORS:



Medical Grade ABS
COLORS:



Polysulfone
COLORS:



Glass Filled Polypropylene
COLORS:



STANDARD PRODUCT OPTIONS

- O-ring material change
- Dyed color couplings
- Exclusion of panel nut/ptf nut and/or thumb-latch
- Exclusion of end termination
- Exclusion of O-ring lubricant
- Assembly of nuts on product

CONNECTION SIZES

(See Part Number Guide for details)

- 1/16"
- 3mm
- 1/8"
- 5/32"
- 3/16"
- 1/4"
- 5/16"
- 3/8"
- 1/2"
- 5/8"
- 3/4"
- 1"

See our website for Solid Models

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PERFORMANCE FEATURES

Added Advantage:

- Audible “click” ensures a secure connection
- Intuitive thumb-latch design, one hand disconnect
- Interchangeable with other thumb-latch type couplings
- Integral end terminations eliminate leak points
- Rotates while connected and pressurized
- Leak-free O-ring seal design
- Individual series connect together



Internal Shut-Off Valves:

Do you need to stop media flow?

Non-Valved Plug & Socket



Valved Plug & Non-Valved Socket



Non-Valved Plug & Valved Socket



Valved Plug & Socket



X-Valved Plug & X-Valved Socket



End Terminations:

What type of tubing or mounting do you require?

Pipe Threads:

Available in male or female tapered and straight, NPT, BSPP, BSPT and SAE. Contact LinkTech for non-standard thread requirements.



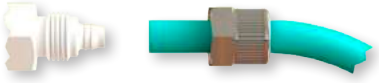
Hose Barbs:

For use with lower durometer tubing such as PVC, Polyurethane, Silicone, rubber, etc.



PTF (Ferruless Polytube Fitting):

For use with semi-rigid tubing such as polyethylene, nylon, polyurethane, polypropylene, etc.



Push In:

For use with semi-rigid tubing such as polyethylene, nylon, polyurethane, polypropylene, etc. Simply push tube in for connection. No compression nut required.



INTERCHANGE GUARANTEE*

LinkTech guarantees that any thumb-latch release quick couplings purchased from LinkTech or its authorized distributors will interchange with all pre-existing industry standard interchangeable thumb-latch release quick couplings of the same size and style as the LinkTech coupling. If not, you can return the products to LinkTech and LinkTech will, at its option, either replace the products with compatible products, or issue a full refund of the purchase price.

***This Interchange guarantee is subject to certain specific terms and conditions, a copy of which is available at www.LinkTechCouplings.com**

10AC SERIES

TUBING SIZE 1/16" - 1/8" | 1/16" FLOW ACETAL (POM)



PERFORMANCE RATINGS

- Operating Pressure: Vacuum to 100psi; (6.9bar)
- Temperature: -40°F to 180°F; (-40°C to 82°C)
- Flow Capacity: 1/16" Size

MATERIALS & CONSTRUCTION

- Bodies & Terminations: Acetal (POM)
- Internal Valves: Acetal (POM)
- Internal Valve Springs: 316 Stainless Steel
- O-rings: Buna-N (others available)
- Lock Sleeve: Acetal (POM)

See our website for Solid Models

IMPROVED EASY GRIP BARREL

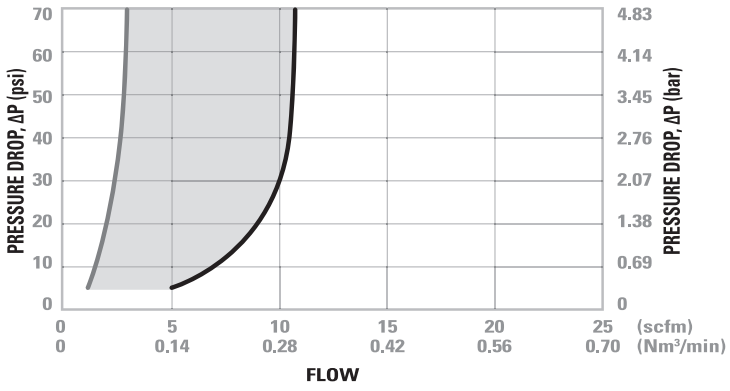
10AC couplings are produced in a durable natural Acetal (POM) thermoplastic. These couplings are resistant to most mild chemicals and are manufactured to be trouble free for many years of service. They are intuitive to use and make an audible "click" when coupled with their improved "Easy Grip Barrel." The 10AC couplings interconnects with the 10PP couplings as well as other similar industry twist lock type couplings.

Please contact us for NSF compliant and cleanroom produced versions.

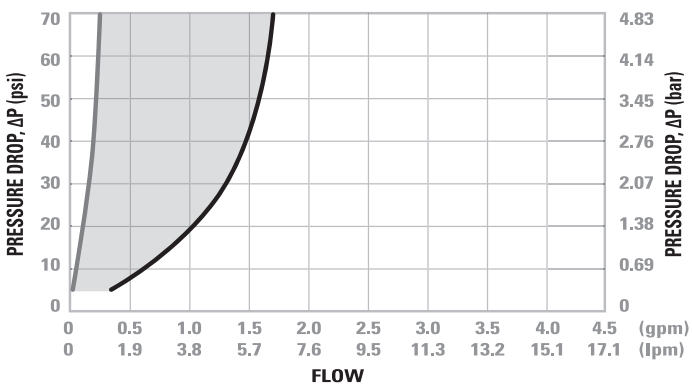
Interchangeable with
CPC-Colder SMC Series*



10AC Series Air Flow



10AC Series Water Flow



Valved Socket & Plug



Valved & Non-Valved Coupling Set



Non-Valved Socket & Plug



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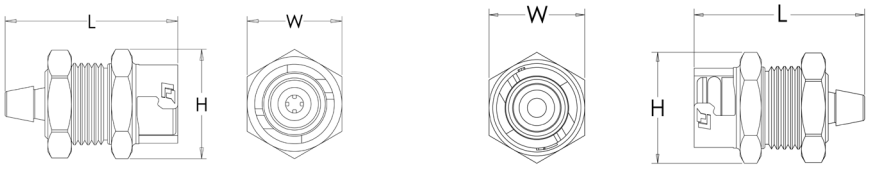

Illustrations are actual size of product.

Reference Dimensions: L = Length, W = Width, H = Height

Panel Mount Dimensions

	PANEL OPENING	MAX PANEL THICKNESS	MIN PANEL THICKNESS
SOCKETS	.438"	.21"	0.03"
PLUGS	.438"	.21"	0.03"



*All parts also available in black

PANEL NUT HEX SIZE	PANEL NUT THREAD
1/2"	7/16" - 24 UNF

PART NUMBER GUIDE EXAMPLE:

10 AC - S 2 - 02

10	AC	-	S	2	-	02
FLOW SIZE OR LATCH TYPE	MATERIAL	NO VALVE	CONFIG. AND O-RING	TYPE		CONNECTION SIZE

Flow Rates

The data below shows the liquid flow rates for LinkTech couplings. Each coupling combination was tested at 70° F (21°C).

Specific coupling combination flow rates can be determined by using this formula:

$$Q = C_v \sqrt{\frac{\Delta P}{S}}$$

Q = Flow rate in gallons per minute
C_v = Average flow rates (see chart)
ΔP = Pressure drop across coupling (psi)
S = Specific gravity of liquid.

C_v Values for 10AC Series Couplings

SOCKETS	10AC-PB2-01	10AC-PB2-02	10AC-PB3-01	10AC-PB3-02
10AC-S2-01	0.03	0.03	0.03	0.03
10ACV-SB2-01	0.03	0.03	0.03	0.03
10AC-S2-02	0.03	0.19	0.03	0.19
10ACV-SB2-02	0.03	0.08	0.03	0.08
10AC-S3-01	0.03	0.03	0.03	0.03
10ACV-SB3-01	0.03	0.03	0.03	0.03
10AC-S3-02	0.03	0.19	0.03	0.19
10ACV-SB3-02	0.03	0.08	0.03	0.08

Interchangeable with
CPC®- Colder SMC Series







10AC

Tubing Size 1/16" - 1/8"
1/16" Flow Acetal (POM)



IN-LINE HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10AC-S2-01	10ACV-SB2-01	1/16" ID	1.6mm ID	.90" (23mm)	.48" (12mm)	.48" (12mm)
10AC-S2-M3	10ACV-SB2-M3	N/A	3.0mm ID	1.0" (23mm)	.48" (12mm)	.48" (12mm)
10AC-S2-02	10ACV-SB2-02	1/8" ID	3.2mm ID	.90" (23mm)	.48" (12mm)	.48" (12mm)



PANEL MOUNT HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10AC-S3-01	10ACV-SB3-01	1/16" ID	1.6mm ID	.90" (23mm)	.50" (13mm)	.58" (15mm)
10AC-S3-M3	10ACV-SB3-M3	N/A	3.0mm ID	1.0" (23mm)	.50" (13mm)	.58" (15mm)
10AC-S3-02	10ACV-SB3-02	1/8" ID	3.2mm ID	.90" (23mm)	.50" (13mm)	.58" (15mm)



IN-LINE HOSE BARB SOCKET, NO SLEEVE

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10AC-S2-01NS	10ACV-SB2-01NS	1/16" ID	1.6mm ID	.90" (23mm)	.32" (8mm)	.32" (8mm)
10AC-S2-M3NS	10ACV-SB2-M3NS	N/A	3.0mm ID	.90" (23mm)	.32" (8mm)	.32" (8mm)
10AC-S2-02NS	10ACV-SB2-02NS	1/8" ID	3.2mm ID	.90" (23mm)	.32" (8mm)	.32" (8mm)



IN-LINE HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10AC-S2-01BLK	10ACV-SB2-01BLK	1/16" ID	1.6mm ID	.90" (23mm)	.48" (12mm)	.48" (12mm)
10AC-S2-M3BLK	10ACV-SB2-M3BLK	N/A	3.0mm ID	1.0" (23mm)	.48" (12mm)	.48" (12mm)
10AC-S2-02BLK	10ACV-SB2-02BLK	1/8" ID	3.2mm ID	.90" (23mm)	.48" (12mm)	.48" (12mm)



PANEL MOUNT HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10AC-S3-01BLK	10ACV-SB3-01BLK	1/16" ID	1.6mm ID	.90" (23mm)	.50" (13mm)	.58" (15mm)
10AC-S3-M3BLK	10ACV-SB3-M3BLK	N/A	3.0mm ID	1.0" (23mm)	.50" (13mm)	.58" (15mm)
10AC-S3-02BLK	10ACV-SB3-02BLK	1/8" ID	3.2mm ID	.90" (23mm)	.50" (13mm)	.58" (15mm)



IN-LINE HOSE BARB SOCKET, NO SLEEVE

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10AC-S2-01NSBLK	10ACV-SB2-01NSBLK	1/16" ID	1.6mm ID	.90" (23mm)	.32" (8mm)	.32" (8mm)
10AC-S2-M3NSBLK	10ACV-SB2-M3NSBLK	N/A	3.0mm ID	.90" (23mm)	.32" (8mm)	.32" (8mm)
10AC-S2-02NSBLK	10ACV-SB2-02NSBLK	1/8" ID	3.2mm ID	.90" (23mm)	.32" (8mm)	.32" (8mm)

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Interchangeable with
CPC®- Colder SMC Series



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10AC-PB2-01	1/16" ID	1.6mm ID	.75" (19mm)	.48" (12mm)	.48" (12mm)
10AC-PB2-M3	N/A	3.0mm ID	.80" (19mm)	.48" (12mm)	.48" (12mm)
10AC-PB2-02	1/8" ID	3.2mm ID	.90" (23mm)	.48" (12mm)	.48" (12mm)



PANEL MOUNT HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10AC-PB3-01	1/16" ID	1.6mm ID	.75" (19mm)	.50" (13mm)	.58" (15mm)
10AC-PB3-M3	N/A	3.0mm ID	.77" (19mm)	.50" (13mm)	.58" (15mm)
10AC-PB3-02	1/8" ID	3.2mm ID	.90" (23mm)	.50" (13mm)	.58" (15mm)



IN-LINE HOSE BARB PLUG, NO SLEEVE

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10AC-PB2-01NS	1/16" ID	1.6mm ID	.75" (19mm)	.32" (8mm)	.32" (8mm)
10AC-PB2-M3NS	N/A	3.0mm ID	.80" (19mm)	.32" (8mm)	.32" (8mm)
10AC-PB2-02NS	1/8" ID	3.2mm ID	.90" (23mm)	.32" (8mm)	.32" (8mm)



IN-LINE HOSE BARB COUPLING

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10AC2-01	10ACV2-01	1/16" ID	1.6mm ID	1.46" (37mm)	.48" (12mm)	.48" (12mm)
10AC2-M3	10ACV2-M3	N/A	3.0mm ID	1.46" (37mm)	.48" (12mm)	.48" (12mm)
10AC2-02	10ACV2-02	1/8" ID	3.2mm ID	1.61" (41mm)	.48" (12mm)	.48" (12mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10AC-PB2-01BLK	1/16" ID	1.6mm ID	.75" (19mm)	.48" (12mm)	.48" (12mm)
10AC-PB2-M3BLK	N/A	3.0mm ID	.80" (19mm)	.48" (12mm)	.48" (12mm)
10AC-PB2-02BLK	1/8" ID	3.2mm ID	.90" (23mm)	.48" (12mm)	.48" (12mm)



PANEL MOUNT HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10AC-PB3-01BLK	1/16" ID	1.6mm ID	.75" (19mm)	.50" (13mm)	.58" (15mm)
10AC-PB3-M3BLK	N/A	3.0mm ID	.80" (19mm)	.50" (13mm)	.58" (15mm)
10AC-PB3-02BLK	1/8" ID	3.2mm ID	.90" (23mm)	.50" (13mm)	.58" (15mm)



IN-LINE HOSE BARB PLUG, NO SLEEVE

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10AC-PB2-01NSBLK	1/16" ID	1.6mm ID	.75" (19mm)	.32" (8mm)	.32" (8mm)
10AC-PB2-M3NSBLK	N/A	3.0mm ID	.80" (19mm)	.32" (8mm)	.32" (8mm)
10AC-PB2-02NSBLK	1/8" ID	3.2mm ID	.90" (23mm)	.32" (8mm)	.32" (8mm)



IN-LINE HOSE BARB COUPLING

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10AC2-01BLK	10ACV2-01BLK	1/16" ID	1.6mm ID	1.46" (37mm)	.48" (12mm)	.48" (12mm)
10AC2-M3BLK	10ACV2-M3BLK	N/A	3.0mm ID	1.46" (37mm)	.48" (12mm)	.48" (12mm)
10AC2-02BLK	10ACV2-02BLK	1/8" ID	3.2mm ID	1.61" (41mm)	.48" (12mm)	.48" (12mm)



*External product dimensions are the same with or without a shut off valve

PART NUMBER GUIDE EXAMPLE:

10 AC - S 2 - 02

10	AC	-	S	2	-	02
FLOW SIZE OR LATCH TYPE	MATERIAL	NO VALVE	CONFIG. AND O-RING	TYPE		CONNECTION SIZE

Tubing Size 1/16" - 1/8"
1/16" Flow Acetal (POM)

10PP SERIES

TUBING SIZE 1/16" - 1/8" | 1/16" FLOW POLYPROPYLENE



See our website for Solid Models

PERFORMANCE RATINGS

- Operating Pressure: Vacuum to 100psi; (6.9bar)
- Temperature: 32°F to 160°F; (0°C to 71°C)
- Flow Capacity: 1/16" Size

MATERIALS & CONSTRUCTION

- Bodies & Terminations: Medical Grade Polypropylene
- O-rings: Peroxide-cured EPDM (others available)
- Lock Sleeve: Acetal (POM)

SMALL FLOW WITH STRONG CHEMICAL RESISTANCE

10PP couplings are produced from medical grade, gamma sterilizable polypropylene. These twist lock couplings offer greater chemical resistance. They are intuitive to use and make an audible "click" when coupled with their improved "Easy Grip Barrel." 10PP couplings interconnect with 10AC couplings as well as other similar industry twist lock type couplings.

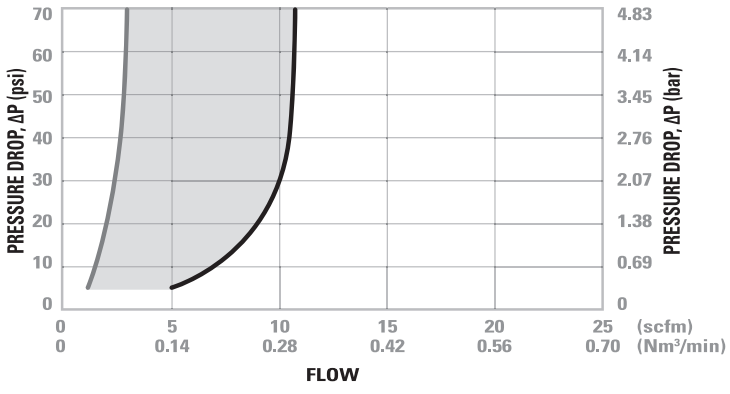
Please contact us for cleanroom produced versions.

Interchangeable with

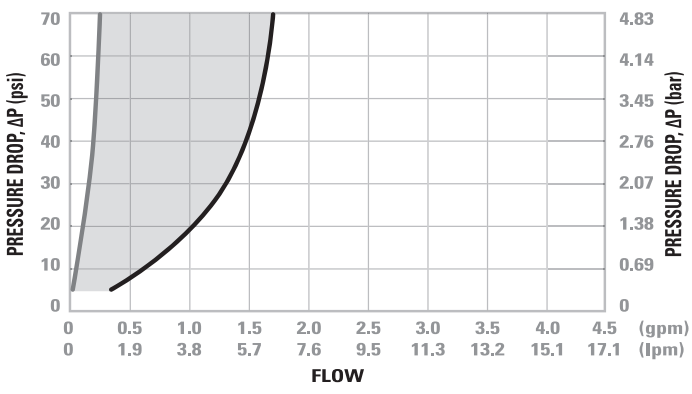
CPC®-Colder SMC12 Series



10PP Series Air Flow



10PP Series Water Flow



Valved Socket & Plug



Valved & Non-Valved Coupling Set

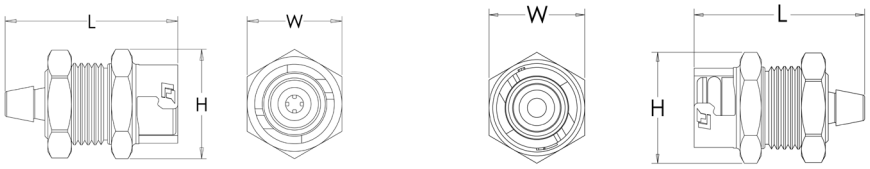


Non-Valved Socket & Plug



tel: 805-339-0055 | fax: 805-512-7130 | 3000 Bunsen Ave., Ventura, CA 93003 USA





**Illustrations are actual size of product.*

Reference Dimensions: L = Length, W = Width, H = Height

Panel Mount Dimensions

	PANEL OPENING	MAX PANEL THICKNESS	MIN PANEL THICKNESS
SOCKETS	.438"	.21"	0.03"
PLUGS	.438"	.21"	0.03"

PANEL NUT HEX SIZE	PANEL NUT THREAD
1/2"	7/16" - 24 UNF

PART NUMBER GUIDE EXAMPLE:

10 PP - S 2 - 02

10	PP	-	S	2	-	02
FLOW SIZE OR LATCH TYPE	MATERIAL		NO VALVE	CONFIG. AND O-RING	TYPE	CONNECTION SIZE

Flow Rates

The data below shows the liquid flow rates for LinkTech couplings. Each coupling combination was tested at 70° F (21°C).

Specific coupling combination flow rates can be determined by using this formula:

$$Q = C_v \sqrt{\frac{\Delta P}{S}}$$

Q = Flow rate in gallons per minute
C_v = Average flow rates (see chart)
ΔP = Pressure drop across coupling (psi)
S = Specific gravity of liquid.

C_v Values for 10PP Series Couplings

SOCKETS	10PP-PE2-01	10PP-PE2-02	10PP-PE3-01	10PP-PE3-02
10PP-S2-01	0.03	0.03	0.03	0.03
10PP-S2-02	0.03	0.19	0.03	0.19
10PP-S3-01	0.03	0.03	0.03	0.03
10PP-S3-02	0.03	0.19	0.03	0.19

Interchangeable with
CPC® - Colder SMC12 Series









10PP

Tubing Size 1/16" - 1/8"
1/16" Flow Polypropylene



IN-LINE HOSE BARB SOCKET

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10PP-S2-01	1/16" ID	1.6mm ID	.90" (23mm)	.48" (12mm)	.48" (12mm)
10PP-S2-M3	N/A	3.0mm ID	1.0" (23mm)	.48" (12mm)	.48" (12mm)
10PP-S2-02	1/8" ID	3.2mm ID	.90" (23mm)	.48" (12mm)	.48" (12mm)



PANEL MOUNT HOSE BARB SOCKET

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10PP-S3-01	1/16" ID	1.6mm ID	.90" (23mm)	.50" (13mm)	.58" (15mm)
10PP-S3-M3	N/A	3.0mm ID	.90" (23mm)	.50" (13mm)	.58" (15mm)
10PP-S3-02	1/8" ID	3.2mm ID	.90" (23mm)	.50" (13mm)	.58" (15mm)



IN-LINE HOSE BARB SOCKET, NO SLEEVE

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10PP-S2-01NS	1/16" ID	1.6mm ID	.90" (23mm)	.32" (8mm)	.32" (8mm)
10PP-S2-M3NS	N/A	3.0mm ID	.90" (23mm)	.32" (8mm)	.32" (8mm)
10PP-S2-02NS	1/8" ID	3.2mm ID	.90" (23mm)	.32" (8mm)	.32" (8mm)

tel: 805-339-0055 | fax: 805-512-7130 | 3000 Bunsen Ave., Ventura, CA 93003 USA



Interchangeable with
CPC®- Colder SMC12 Series



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10PP-PE2-01	1/16" ID	1.6mm ID	.75" (19mm)	.48" (12mm)	.48" (12mm)
10PP-PE2-M3	N/A	3.0mm ID	.80" (19mm)	.48" (12mm)	.48" (12mm)
10PP-PE2-02	1/8" ID	3.2mm ID	.90" (23mm)	.48" (12mm)	.48" (12mm)



PANEL MOUNT HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10PP-PE3-01	1/16" ID	1.6mm ID	.75" (19mm)	.50" (13mm)	.58" (15mm)
10PP-PE3-M3	N/A	3.0mm ID	.80" (19mm)	.50" (13mm)	.58" (15mm)
10PP-PE3-02	1/8" ID	3.2mm ID	.90" (23mm)	.50" (13mm)	.58" (15mm)



IN-LINE HOSE BARB PLUG, NO SLEEVE

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10PP-PE2-01NS	1/16" ID	1.6mm ID	.75" (19mm)	.32" (8mm)	.32" (8mm)
10PP-PE2-M3NS	N/A	3.0mm ID	.80" (19mm)	.32" (8mm)	.32" (8mm)
10PP-PE2-02NS	1/8" ID	3.2mm ID	.90" (23mm)	.32" (8mm)	.32" (8mm)



IN-LINE HOSE BARB COUPLING

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10PP2-01	1/16" ID	1.6mm ID	1.46" (37mm)	.48" (12mm)	.48" (12mm)
10PP2-M3	N/A	3.0mm ID	1.46" (37mm)	.48" (12mm)	.48" (12mm)
10PP2-02	1/8" ID	3.2mm ID	1.61" (41mm)	.48" (12mm)	.48" (12mm)

PART NUMBER GUIDE EXAMPLE:

10 PP - S 2 - 02

10	PP	-	S	2	-	02
FLOW SIZE OR LATCH TYPE	MATERIAL	NO VALVE	CONFIG. AND O-RING	TYPE		CONNECTION SIZE

20AC SERIES

TUBING SIZE 1/16" - 1/4" | 1/8" FLOW ACETAL (POM)



See our website for Solid Models

PERFORMANCE RATINGS

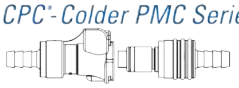
- Operating Pressure: Vacuum to 120psi; (8.3bar)
- Temperature: -40°F to 180°F; (-40°C to 82°C)
- Flow Capacity: 1/8" Size

MATERIALS & CONSTRUCTION

- Bodies & Terminations: Acetal (POM)
- Internal Valves: Acetal (POM)
- Internal Valve Springs: 316 Stainless Steel
- O-rings: Buna-N (others available)
- Thumb-latch: Stainless Steel
- External Springs & Pins: Stainless Steel

Please contact us for NSF compliant and cleanroom produced versions.

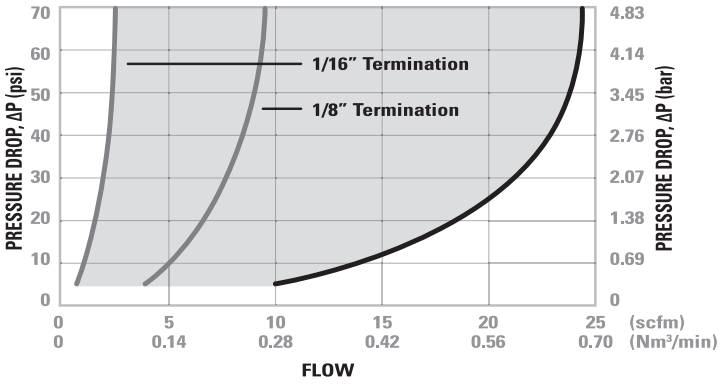
Interchangeable with *CPC*-Colder PMC Series*



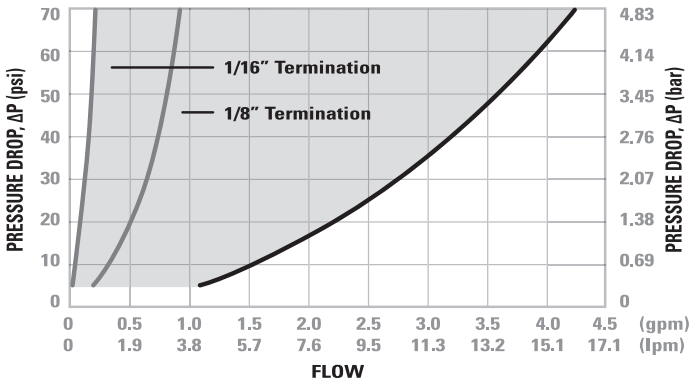
LEGACY METAL LATCH

These 1/8" flow size couplings are produced in a durable natural Acetal (POM) thermoplastic. They are resistant to most mild chemicals and are manufactured to be trouble free for many years of service. They are intuitive to use and make an audible click when coupled. 20AC couplings interconnect with all other 20PP and 20CB Series couplings as well as other similar industry thumb-latch type couplings.

20AC Series Air Flow



20AC Series Water Flow



Valved Socket & Plug



Valved & Non-Valved Coupling Set

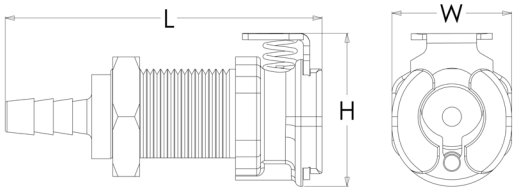


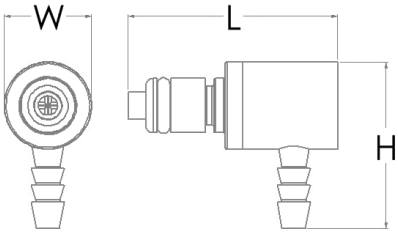
Non-Valved Socket & Plug



tel: 805-339-0055 | fax: 805-512-7130 | 3000 Bunsen Ave., Ventura, CA 93003 USA







**Illustrations are actual size of product.*

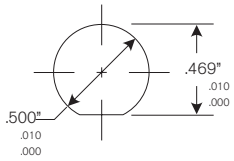
Reference Dimensions: L = Length, W = Width, H = Height

Panel Mount Dimensions

	PANEL OPENING	MAX PANEL THICKNESS	MIN PANEL THICKNESS
SOCKETS	See Drawing	0.5"	0.05"
PLUGS	0.5"	0.3"	0.05"

PANEL NUT HEX SIZE	PANEL NUT THREAD
5/8"	1/2" - 24 UNS

Greenlee® punch #60077



PART NUMBER GUIDE EXAMPLE:

20 AC V - PB 2 - 04

FLOW SIZE OR LATCH TYPE | MATERIAL | VALVE | CONFIG. AND O-RING | TYPE | CONNECTION SIZE

Flow Rates

The data below shows the liquid flow rates for LinkTech couplings. Each coupling combination was tested at 70° F (21°C).

Specific coupling combination flow rates can be determined by using this formula:

$$Q = C_v \sqrt{\frac{\Delta P}{S}}$$

Q = Flow rate in gallons per minute
C_v = Average flow rates (see chart)
ΔP = Pressure drop across coupling (psi)
S = Specific gravity of liquid.

C_v Values for 20AC Series Couplings

SOCKETS	20ACV-PB2-01	20AC-PB2-01	20ACV-PB2-02	20AC-PB2-02	20ACV-PB2-03	20AC-PB2-03	20ACV-PB2-04	20AC-PB2-04	20ACV-PB9-04	20AC-PB9-04	20ACV-PB1-02	20AC-PB1-02	20ACV-PB1-04	20AC-PB1-04	20ACV-PB4-04	20AC-PB4-04
20ACV-SB2-01	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
20AC-S2-01	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
20ACV-SB2-04	0.03	0.03	0.16	0.22	0.16	0.22	0.21	0.26	0.17	0.23	0.19	0.25	0.21	0.25	0.24	0.27
20AC-S2-04	0.03	0.03	0.18	0.24	0.19	0.26	0.23	0.45	0.24	0.33	0.20	0.45	0.24	0.38	0.27	0.45
20ACV-SB3-02	0.03	0.03	0.14	0.17	0.14	0.18	0.15	0.19	0.15	0.19	0.18	0.18	0.15	0.18	0.15	0.19
20AC-S3-02	0.03	0.03	0.14	0.19	0.14	0.20	0.15	0.27	0.15	0.24	0.15	0.27	0.18	0.28	0.16	0.27
20ACV-SB3-04	0.03	0.03	0.16	0.22	0.16	0.22	0.21	0.26	0.17	0.23	0.19	0.26	0.21	0.26	0.16	0.25
20AC-S3-04	0.03	0.03	0.18	0.25	0.19	0.27	0.23	0.45	0.23	0.34	0.20	0.45	0.25	0.42	0.26	0.45
20ACV-SB8-04	0.03	0.03	0.16	0.20	0.16	0.21	0.17	0.22	0.17	0.21	0.17	0.21	0.17	0.21	0.18	0.22
20AC-S8-04	0.03	0.03	0.16	0.25	0.17	0.30	0.18	0.40	0.18	0.40	0.16	0.40	0.18	0.36	0.21	0.40
20ACV-SB1-02	0.03	0.03	0.16	0.24	0.17	0.25	0.20	0.28	0.18	0.27	0.20	0.26	0.20	0.29	0.24	0.26
20AC-S1-02	0.03	0.03	0.16	0.25	0.17	0.30	0.19	0.50	0.18	0.40	0.20	0.50	0.20	0.50	0.24	0.50
20ACV-SB1-04	0.03	0.03	0.17	0.25	0.18	0.25	0.23	0.30	0.19	0.30	0.21	0.27	0.23	0.28	0.24	0.29
20AC-S1-04	0.03	0.03	0.18	0.26	0.19	0.30	0.24	0.50	0.21	0.40	0.20	0.50	0.25	0.51	0.26	0.50

Interchangeable with
CPC®- Colder PMC Series



20AC

Tubing Size 1/16" - 1/4" 1/8" Flow Acetal (POM)



MALE THREAD SOCKET

NON-VALVED	VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
20AC-S1-02	20ACV-SB1-02	1/8" NPT	1.00" (25mm)	.62" (16mm)	.80" (20mm)
20AC-S1-02BSPT	20ACV-SB1-02BSPT	1/8" BSPT	1.00" (25mm)	.62" (16mm)	.80" (20mm)
20AC-S1-04	20ACV-SB1-04	1/4" NPT	1.00" (25mm)	.62" (16mm)	.80" (20mm)
20AC-S1-04BSPT	20ACV-SB1-04BSPT	1/4" BSPT	1.00" (25mm)	.62" (16mm)	.80" (20mm)
N/A	20ACV-SB1-02UT	1/8" UT	.97" (25mm)	.62" (16mm)	.80" (20mm)
N/A	20ACV-SB1-06	3/8" NPT	1.19" (30mm)	.87" (22mm)	.80" (20mm)



IN-LINE HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20AC-S2-01	20ACV-SB2-01	1/16" ID	1.6mm ID	1.42" (36mm)	.62" (16mm)	.80" (20mm)
20AC-S2-02	20ACV-SB2-02	1/8" ID	3.2mm ID	1.65" (42mm)	.62" (16mm)	.80" (20mm)
20AC-S2-03	20ACV-SB2-03	3/16" ID	4.8mm ID	1.80" (46mm)	.62" (16mm)	.80" (20mm)
20AC-S2-04	20ACV-SB2-04	1/4" ID	6.4mm ID	1.80" (46mm)	.62" (16mm)	.80" (20mm)



IN-LINE PTF SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20AC-S9-025	20ACV-SB9-025	5/32" OD, .10" ID	4.0mm OD, 2.5mm ID	1.65" (42mm)	.62" (16mm)	.80" (20mm)
20AC-S9-04	20ACV-SB9-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.75" (44mm)	.62" (16mm)	.80" (20mm)



PANEL MOUNT HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20AC-S3-01	20ACV-SB3-01	1/16" ID	1.6mm ID	1.40" (36mm)	.62" (16mm)	.80" (20mm)
20AC-S3-02	20ACV-SB3-02	1/8" ID	3.2mm ID	1.65" (42mm)	.62" (16mm)	.80" (20mm)
20AC-S3-03	20ACV-SB3-03	3/16" ID	4.8mm ID	1.80" (46mm)	.62" (16mm)	.80" (20mm)
20AC-S3-04	20ACV-SB3-04	1/4" ID	6.4mm ID	1.80" (46mm)	.62" (16mm)	.80" (20mm)



PANEL MOUNT H.B. GASKET SEAL SOCKET (GASKET SEAL INCLUDED)

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20AC-S3-01GS	20ACV-SB3-01GS	1/16" ID	1.6mm ID	1.40" (36mm)	.62" (16mm)	.80" (20mm)
20AC-S3-02GS	20ACV-SB3-02GS	1/8" ID	3.2mm ID	1.65" (42mm)	.62" (16mm)	.80" (20mm)
20AC-S3-03GS	20ACV-SB3-03GS	3/16" ID	4.8mm ID	1.80" (46mm)	.62" (16mm)	.80" (20mm)
20AC-S3-04GS	20ACV-SB3-04GS	1/4" ID	6.4mm ID	1.80" (46mm)	.62" (16mm)	.80" (20mm)

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PANEL MOUNT PTF SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20AC-S8-025	20ACV-SB8-025	5/32" OD, .10" ID	4.0mm OD, 2.5mm ID	1.70" (43mm)	.62" (16mm)	.80" (20mm)
20AC-S8-04	20ACV-SB8-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.72" (44mm)	.62" (16mm)	.80" (20mm)



PANEL MOUNT PTF GASKET SEAL SOCKET (GASKET SEAL INCLUDED)

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20AC-S8-025GS	20ACV-SB8-025GS	5/32" OD, .10" ID	4.0mm OD, 2.5mm ID	1.70" (43mm)	.62" (16mm)	.80" (20mm)
20AC-S8-04GS	20ACV-SB8-04GS	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.72" (44mm)	.62" (16mm)	.80" (20mm)



PANEL MOUNT FEMALE THREAD SOCKET

NON-VALVED	VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
20AC-S19-1032	20ACV-SB19-1032	10/32 UNF	1.25" (32mm)	.62" (16mm)	.80" (20mm)



ELBOW HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20AC-S4-02	20ACV-SB4-02	1/8" ID	3.2mm ID	1.24" (32mm)	.63" (16mm)	.96" (24mm)
20AC-S4-04	20ACV-SB4-04	1/4" ID	6.4mm ID	1.24" (32mm)	.63" (16mm)	1.10" (28mm)



ELBOW PTF SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20AC-S10-04	20ACV-SB10-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.24" (32mm)	.63" (16mm)	1.01" (26mm)



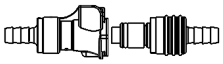
*External product dimensions are the same with or without a shut off valve

PART NUMBER GUIDE EXAMPLE:

20 AC V - PB 2 - 04

20	AC	V	PB	2	04
FLOW SIZE OR LATCH TYPE	MATERIAL	VALVE	CONFIG. AND O-RING	TYPE	CONNECTION SIZE

Interchangeable with
CPC®- Colder PMC Series



NON-VALVED



MALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
20AC-PB1-02	1/8" NPT	1.03" (26mm)	.50" (13mm)	.50" (13mm)
20AC-PB1-02BSPT	1/8" BSPT	1.03" (26mm)	.50" (13mm)	.50" (13mm)
20AC-PB1-04	1/4" NPT	1.13" (29mm)	.56" (14mm)	.56" (14mm)
20AC-PB1-04BSPT	1/4" BSPT	1.13" (29mm)	.56" (14mm)	.56" (14mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20AC-PB2-01	1/16" ID	1.6mm ID	.80" (20mm)	.55" (14mm)	.55" (14mm)
20AC-PB2-02	1/8" ID	3.2mm ID	.97" (25mm)	.55" (14mm)	.55" (14mm)
20AC-PB2-03	3/16" ID	4.8mm ID	1.12" (28mm)	.55" (14mm)	.55" (14mm)
20AC-PB2-04	1/4" ID	6.4mm ID	1.12" (28mm)	.55" (14mm)	.55" (14mm)



IN-LINE PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20AC-PB9-025	5/32" OD, .10" ID	4.0mm OD, 2.5mm ID	1.15" (29mm)	.50" (13mm)	.50" (13mm)
20AC-PB9-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.15" (29mm)	.50" (13mm)	.50" (13mm)



ELBOW HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20AC-PB4-02	1/8" ID	3.2mm ID	.79" (20mm)	.50" (13mm)	.86" (22mm)
20AC-PB4-04	1/4" ID	6.4mm ID	.90" (23mm)	.50" (13mm)	1.05" (27mm)



ELBOW PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20AC-PB10-025	5/32" OD, .10" ID	4.0mm OD, 2.5mm ID	1.09" (28mm)	.50" (13mm)	.99" (25mm)
20AC-PB10-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.09" (28mm)	.50" (13mm)	1.02" (26mm)



PANEL MOUNT HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20AC-PB3-01	1/16" ID	1.6mm ID	1.37" (35mm)	.62" (16mm)	.62" (16mm)
20AC-PB3-02	1/8" ID	3.2mm ID	1.60" (41mm)	.62" (16mm)	.62" (16mm)
20AC-PB3-03	3/16" ID	4.8mm ID	1.77" (45mm)	.62" (16mm)	.62" (16mm)
20AC-PB3-04	1/4" ID	6.4mm ID	1.76" (45mm)	.62" (16mm)	.62" (16mm)



PANEL MOUNT PTF PLUG

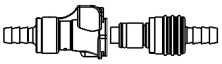
NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20AC-PB8-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.69" (43mm)	.62" (16mm)	.62" (16mm)

PART NUMBER GUIDE EXAMPLE:

20 AC V - PB 2 - 04

20	AC	V	PB	2	04
FLOW SIZE OR LATCH TYPE	MATERIAL	VALVE	CONFIG. AND O-RING	TYPE	CONNECTION SIZE

tel: 805-339-0055 | fax: 805-512-7130 | 3000 Bunsen Ave., Ventura, CA 93003 USA



Interchangeable with
CPC®- Colder PMC Series

VALVED



MALE THREAD PLUG

VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
20ACV-PB1-02	1/8" NPT	1.36" (35mm)	.50" (13mm)	.50" (13mm)
20ACV-PB1-02BSPT	1/8" BSPT	1.36" (35mm)	.50" (13mm)	.50" (13mm)
20ACV-PB1-04	1/4" NPT	1.39" (35mm)	.56" (14mm)	.56" (14mm)
20ACV-PB1-04BSPT	1/4" BSPT	1.39" (35mm)	.56" (14mm)	.56" (14mm)



IN-LINE HOSE BARB PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20ACV-PB2-01	1/16" ID	1.6mm ID	1.48" (38mm)	.55" (14mm)	.55" (14mm)
20ACV-PB2-02	1/8" ID	3.2mm ID	1.65" (42mm)	.55" (14mm)	.55" (14mm)
20ACV-PB2-03	3/16" ID	4.8mm ID	1.80" (46mm)	.55" (14mm)	.55" (14mm)
20ACV-PB2-04	1/4" ID	6.4mm ID	1.80" (46mm)	.55" (14mm)	.55" (14mm)



IN-LINE PTF PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20ACV-PB9-025	5/32" OD, .10" ID	4.0mm OD, 2.5mm ID	1.40" (36mm)	.50" (13mm)	.50" (13mm)
20ACV-PB9-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.52" (39mm)	.50" (13mm)	.50" (13mm)



ELBOW HOSE BARB PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20ACV-PB4-02	1/8" ID	3.2mm ID	1.19" (30mm)	.50" (13mm)	.95 (24mm)
20ACV-PB4-04	1/4" ID	6.4mm ID	1.19" (30mm)	.50" (13mm)	1.10" (28mm)



ELBOW PTF PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20ACV-PB10-025	5/32" OD, .10" ID	4.0mm OD, 2.5mm ID	1.20" (30mm)	.50" (13mm)	.99" (25mm)
20ACV-PB10-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.20" (30mm)	.50" (13mm)	1.02" (26mm)



PANEL MOUNT HOSE BARB PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20ACV-PB3-01	1/16" ID	1.6mm ID	1.47" (37mm)	.62" (16mm)	.62" (16mm)
20ACV-PB3-02	1/8" ID	3.2mm ID	1.70" (43mm)	.62" (16mm)	.62" (16mm)
20ACV-PB3-03	3/16" ID	4.8mm ID	1.87" (47mm)	.62" (16mm)	.62" (16mm)
20ACV-PB3-04	1/4" ID	6.4mm ID	1.86" (55mm)	.62" (16mm)	.62" (16mm)



PANEL MOUNT PTF PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20ACV-PB8-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.79" (45mm)	.62" (16mm)	.62" (16mm)

Tubing Size 1/16" - 1/4"
1/8" Flow Acetal (POM)

20PP SERIES

TUBING SIZE 1/16" - 1/4" | 1/8" FLOW POLYPROPYLENE

MODERN COOL GREY COLOR



See our website for Solid Models

PERFORMANCE RATINGS

- Operating Pressure: Vacuum to 120psi; (8.3bar)
- Temperature: 32˚F to 160˚F; (0˚C to 71˚C)
- Flow Capacity: 1/8" Size
- Sterilization: Gamma; 50 kGy irradiation max (see tech. section for more detail)

MATERIALS & CONSTRUCTION

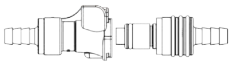
- Bodies & Terminations: Medical Grade Polypropylene
- Internal Valves: Medical Grade Polypropylene
- Internal Valve Springs: 316 Stainless Steel
- O-rings: Peroxide-cured EPDM (others available)
- Thumb-latch: Stainless Steel
- External Springs & Pins: Stainless Steel

Please contact us for cleanroom produced versions.

Interchange Link-Tech Guarantee

Interchangeable with

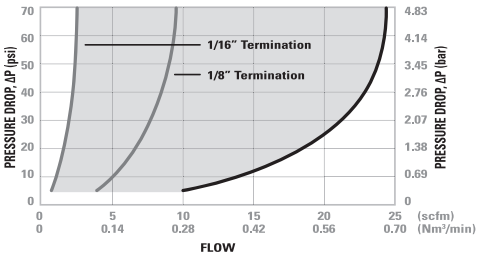
CPC®-Colder PMC12 Series



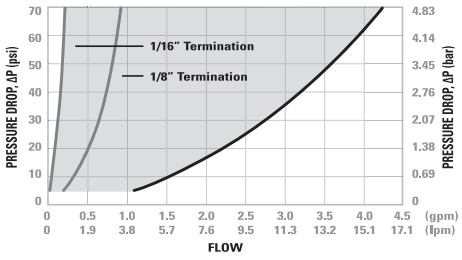
TWO STANDARD COLORS

20PP Series couplings offer 1/8" flow, are produced from medical grade, gamma sterilizable polypropylene, and offer greater chemical resistance. 20PP couplings interconnect with all other 20AC and 20CB Series couplings as well as other similar industry thumb-latch couplings. These couplings are available in Legacy Almond and Modern Cool Grey colors.

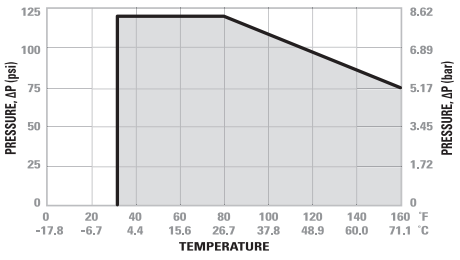
20PP Series Air Flow



20PP Series Water Flow



20PP Series Temperature



Valved Socket & Plug



Valved & Non-Valved Coupling Set

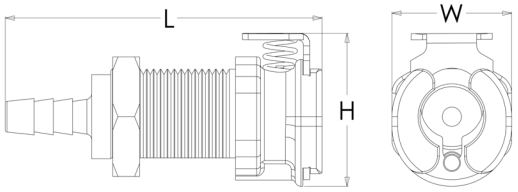


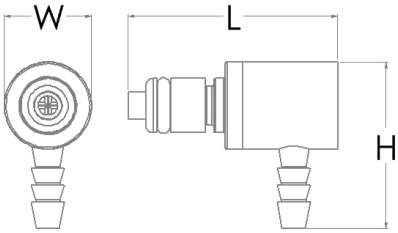
Non-Valved Socket & Plug



tel: 805-339-0055 | fax: 805-512-7130 | 3000 Bunsen Ave., Ventura, CA 93003 USA





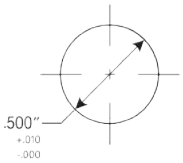


**Illustrations are actual size of product.*

Reference Dimensions: L = Length, W = Width, H = Height

Panel Mount Dimensions

	PANEL OPENING	MAX PANEL THICKNESS	MIN PANEL THICKNESS
SOCKETS	See Drawing	0.5"	0.05"
PLUGS	0.5"	0.3"	0.05"



PANEL NUT HEX SIZE	PANEL NUT THREAD
5/8"	1/2" - 24 UNS

PART NUMBER GUIDE EXAMPLE:

20 PP V - SE 2 - 04

20 = FLOW SIZE OR LATCH TYPE; PP = MATERIAL; V = VALVE; SE = CONFIG. AND O-RING; 2 = TYPE; 04 = CONNECTION SIZE

Flow Rates

The data below shows the liquid flow rates for LinkTech couplings. Each coupling combination was tested at 70° F (21°C).

Specific coupling combination flow rates can be determined by using this formula:

$$Q = C_v \sqrt{\frac{\Delta P}{S}}$$

Q = Flow rate in gallons per minute
C_v = Average flow rates (see chart)
ΔP = Pressure drop across coupling (psi)
S = Specific gravity of liquid.

C_v Values for 20PP Series Couplings

SOCKETS	20PPV-PE2-01	20PP-PE2-01	20PPV-PE2-02	20PP-PE2-02	20PPV-PE2-04	20PP-PE2-04	20PPV-PE9-04	20PPX-PE9-04	20PPV-PE1-02	20PPX-PE1-02	20PPV-PE4-04	20PPX-PE4-04
20PPV-SE2-01	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
20PP-S2-01	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
20PPV-SE2-04	0.03	0.03	0.16	0.22	0.21	0.26	0.17	0.23	0.19	0.25	0.24	0.27
20PP-S2-04	0.03	0.03	0.18	0.24	0.23	0.45	0.24	0.33	0.20	0.45	0.27	0.45
20PPV-SE3-02	0.03	0.03	0.14	0.17	0.15	0.19	0.15	0.19	0.18	0.18	0.15	0.19
20PP-S3-02	0.03	0.03	0.14	0.19	0.15	0.27	0.15	0.24	0.15	0.27	0.16	0.27
20PPV-SE3-04	0.03	0.03	0.16	0.22	0.21	0.26	0.17	0.23	0.19	0.26	0.16	0.25
20PP-S3-04	0.03	0.03	0.18	0.25	0.23	0.45	0.23	0.34	0.20	0.45	0.26	0.45
20PPV-SE8-04	0.03	0.03	0.16	0.20	0.17	0.22	0.17	0.21	0.17	0.21	0.18	0.22
20PP-S8-04	0.03	0.03	0.16	0.25	0.18	0.40	0.18	0.40	0.16	0.40	0.21	0.40
20PPV-SE1-02	0.03	0.03	0.16	0.24	0.20	0.28	0.18	0.27	0.20	0.26	0.24	0.26
20PP-S1-02	0.03	0.03	0.16	0.25	0.19	0.50	0.18	0.40	0.20	0.50	0.24	0.50
20PPV-SE1-04	0.03	0.03	0.17	0.25	0.23	0.30	0.19	0.30	0.21	0.27	0.24	0.29
20PP-S1-04	0.03	0.03	0.18	0.26	0.24	0.50	0.21	0.40	0.20	0.50	0.26	0.50

Interchangeable with
CPC®- Colder PMC12 Series



20PP

Tubing Size 1/16" - 1/4"
1/8" Flow Polypropylene



MALE THREAD SOCKET

NON-VALVED	VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
20PP-S1-02	20PPV-SE1-02	1/8" NPT	1.10" (28mm)	.64" (16mm)	.82" (21mm)
20PP-S1-04	20PPV-SE1-04	1/4" NPT	1.10" (28mm)	.64" (16mm)	.82" (21mm)



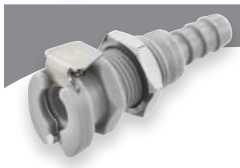
IN-LINE HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20PP-S2-01	20PPV-SE2-01	1/16" ID	1.6mm ID	1.39" (35mm)	.63" (16mm)	.88" (22mm)
20PP-S2-02	20PPV-SE2-02	1/8" ID	3.2mm ID	1.63" (41mm)	.63" (16mm)	.88" (22mm)
20PP-S2-04	20PPV-SE2-04	1/4" ID	6.4mm ID	1.78" (45mm)	.63" (16mm)	.88" (22mm)



IN-LINE PTF SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20PP-S9-025	20PPV-SE9-025	5/32" OD, .10" ID	4.0mm OD, 2.5mm ID	1.68" (43mm)	.63" (16mm)	.88" (22mm)
20PP-S9-04	20PPV-SE9-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.71" (43mm)	.63" (16mm)	.88" (22mm)



PANEL MOUNT HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20PP-S3-01	20PPV-SE3-01	1/16" ID	1.6mm ID	1.37" (35mm)	.63" (16mm)	.88" (22mm)
20PP-S3-02	20PPV-SE3-02	1/8" ID	3.2mm ID	1.65" (42mm)	.63" (16mm)	.88" (22mm)
20PP-S3-04	20PPV-SE3-04	1/4" ID	6.4mm ID	1.76" (45mm)	.63" (16mm)	.88" (22mm)



PANEL MOUNT PTF SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20PP-S8-025	20PPV-SE8-025	5/32" OD, .10" ID	4.0mm OD, 2.5mm ID	1.72" (44mm)	.63" (16mm)	.88" (22mm)
20PP-S8-04	20PPV-SE8-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.77" (45mm)	.63" (16mm)	.88" (22mm)



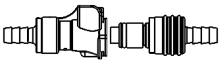
*External product dimensions are the same with or without a shut off valve

PART NUMBER GUIDE EXAMPLE:

20 PP V - SE 2 - 04

20	PP	V	SE	2	04
FLOW SIZE OR LATCH TYPE	MATERIAL	VALVE	CONFIG. AND O-RING	TYPE	CONNECTION SIZE

tel: 805-339-0055 | fax: 805-512-7130 | 3000 Bunsen Ave., Ventura, CA 93003 USA



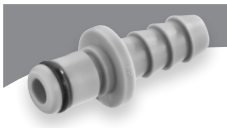
Interchangeable with
CPC®- Colder PMC12 Series

NON-VALVED



MALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
20PPX-PE1-02	1/8" NPT	1.25" (32mm)	.50" (13mm)	.50" (13mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20PP-PE2-01	1/16" ID	1.6mm ID	.73" (19mm)	.55" (14mm)	.55" (14mm)
20PP-PE2-02	1/8" ID	3.2mm ID	.97" (25mm)	.55" (14mm)	.55" (14mm)
20PP-PE2-04	1/4" ID	6.4mm ID	1.18" (30mm)	.55" (14mm)	.55" (14mm)



IN-LINE PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20PPX-PE9-04	1/4" OD, .17 ID	6.4mm OD, 4.3mm ID	1.40" (36mm)	.55" (14mm)	.55" (14mm)



ELBOW HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20PPX-PE4-02	1/8" ID	3.2mm ID	1.10" (28mm)	.50" (13mm)	.95" (24mm)
20PPX-PE4-04	1/4" ID	6.4mm ID	1.10" (28mm)	.50" (13mm)	1.10" (28mm)



ELBOW PTF PLUG

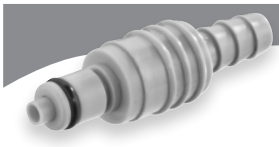
NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20PPX-PE10-04	1/4" OD, .17 ID	6.4mm OD, 4.3mm ID	1.10" (28mm)	.62" (16mm)	1.02" (26mm)

VALVED



MALE THREAD PLUG

VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
20PPV-PE1-02	1/8" NPT	1.37" (35mm)	.50" (13mm)	.50" (13mm)



IN-LINE HOSE BARB PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20PPV-PE2-01	1/16" ID	1.6mm ID	1.42" (36mm)	.55" (14mm)	.55" (14mm)
20PPV-PE2-02	1/8" ID	3.2mm ID	1.65" (42mm)	.55" (14mm)	.55" (14mm)
20PPV-PE2-04	1/4" ID	6.4mm ID	1.80" (46mm)	.55" (14mm)	.55" (14mm)



IN-LINE PTF PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20PPV-PE9-04	1/4" OD, .17 ID	6.4mm OD, 4.3mm ID	1.52" (39mm)	.55" (14mm)	.55" (14mm)



ELBOW HOSE BARB PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20PPV-PE4-02	1/8" ID	3.2mm ID	1.21" (31mm)	.50" (13mm)	.95" (24mm)
20PPV-PE4-04	1/4" ID	6.4mm ID	1.21" (31mm)	.50" (13mm)	1.10" (28mm)



ELBOW PTF PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20PPV-PE10-04	1/4" OD, .17 ID	6.4mm OD, 4.3mm ID	1.21" (31mm)	.62" (16mm)	1.02" (26mm)

Tubing Size 1/16" - 1/4"
1/8" Flow Polypropylene

LEGACY ALMOND COLOR



See our website for Solid Models

PERFORMANCE RATINGS

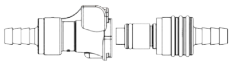
- Operating Pressure: Vacuum to 120psi; (8.3bar)
- Temperature: 32˚F to 160˚F; (0˚C to 71˚C)
- Flow Capacity: 1/8" Size
- Sterilization: Gamma; 50 kGy irradiation max (see tech. section for more detail)

MATERIALS & CONSTRUCTION

- Bodies & Terminations: Medical Grade Polypropylene
- Internal Valves: Medical Grade Polypropylene
- Internal Valve Springs: 316 Stainless Steel
- O-rings: Peroxide-cured EPDM (others available)
- Thumb-latch: Stainless Steel
- External Springs & Pins: Stainless Steel

Please contact us for cleanroom produced versions.

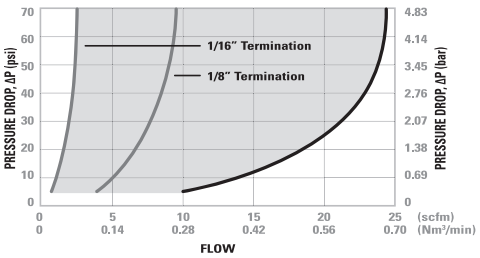
Interchangeable with *CPC®-Colder PMC12 Series*



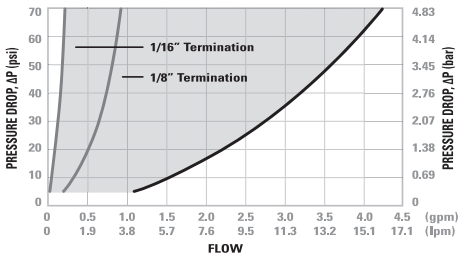
TWO STANDARD COLORS

20PP Series couplings offer 1/8" flow, are produced from medical grade, gamma sterilizable polypropylene, and offer greater chemical resistance. 20PP couplings interconnect with all other 20AC and 20CB Series couplings as well as other similar industry thumb-latch couplings. These couplings are available in Legacy Almond and Modern Cool Grey colors.

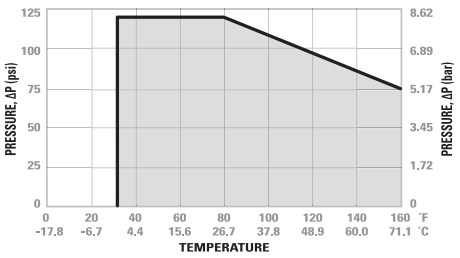
20PP Series Air Flow



20PP Series Water Flow



20PP Series Temperature



Valved Socket & Plug



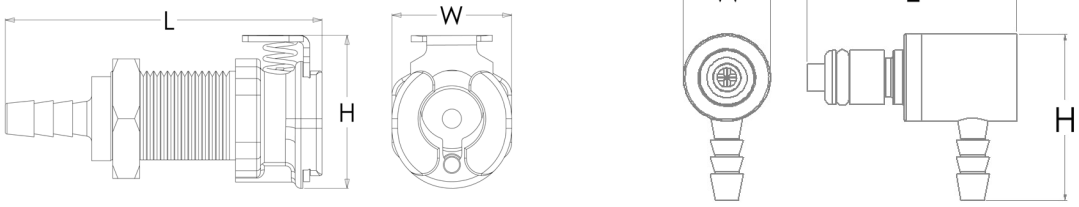
Valved & Non-Valved Coupling Set



Non-Valved Socket & Plug





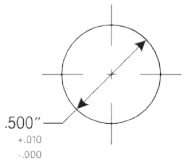


**Illustrations are actual size of product.*

Reference Dimensions: L = Length, W = Width, H = Height

Panel Mount Dimensions

	PANEL OPENING	MAX PANEL THICKNESS	MIN PANEL THICKNESS
SOCKETS	See Drawing	0.5"	0.05"
PLUGS	0.5"	0.3"	0.05"



PANEL NUT HEX SIZE	PANEL NUT THREAD
5/8"	1/2" - 24 UNS

PART NUMBER GUIDE EXAMPLE:

20 PP V - SE 2 - 04MALD

20 = FLOW SIZE OR LATCH TYPE; PP = MATERIAL; V = VALVE; SE = CONFIG. AND O-RING; 2 = TYPE; 04 = CONNECTION SIZE; MALD = COLOR OPTION

Flow Rates

The data below shows the liquid flow rates for LinkTech couplings. Each coupling combination was tested at 70° F (21°C).

Specific coupling combination flow rates can be determined by using this formula:

$$Q = C_v \sqrt{\frac{\Delta P}{S}}$$

Q = Flow rate in gallons per minute
C_v = Average flow rates (see chart)
ΔP = Pressure drop across coupling (psi)
S = Specific gravity of liquid.

C_v Values for 20PP Series Couplings

SOCKETS	20PPV-PE2-01 MALD	20PP-PE2-01 MALD	20PPV-PE2-02 MALD	20PP-PE2-02 MALD	20PPV-PE2-04 MALD	20PP-PE2-04 MALD	20PPV-PE9-04 MALD	20PPX-PE9-04 MALD	20PPV-PE1-02 MALD	20PPX-PE1-02 MALD	20PPV-PE4-04 MALD	20PPX-PE4-04 MALD
20PPV-SE2-01MALD	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
20PP-S2-01MALD	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
20PPV-SE2-04MALD	0.03	0.03	0.16	0.22	0.21	0.26	0.17	0.23	0.19	0.25	0.24	0.27
20PP-S2-04MALD	0.03	0.03	0.18	0.24	0.23	0.45	0.24	0.33	0.20	0.45	0.27	0.45
20PPV-SE3-02MALD	0.03	0.03	0.14	0.17	0.15	0.19	0.15	0.19	0.18	0.18	0.15	0.19
20PP-S3-02MALD	0.03	0.03	0.14	0.19	0.15	0.27	0.15	0.24	0.15	0.27	0.16	0.27
20PPV-SE3-04MALD	0.03	0.03	0.16	0.22	0.21	0.26	0.17	0.23	0.19	0.26	0.16	0.25
20PP-S3-04MALD	0.03	0.03	0.18	0.25	0.23	0.45	0.23	0.34	0.20	0.45	0.26	0.45
20PPV-SE8-04MALD	0.03	0.03	0.16	0.20	0.17	0.22	0.17	0.21	0.17	0.21	0.18	0.22
20PP-S8-04MALD	0.03	0.03	0.16	0.25	0.18	0.40	0.18	0.40	0.16	0.40	0.21	0.40
20PPV-SE1-02MALD	0.03	0.03	0.16	0.24	0.20	0.28	0.18	0.27	0.20	0.26	0.24	0.26
20PP-S1-02MALD	0.03	0.03	0.16	0.25	0.19	0.50	0.18	0.40	0.20	0.50	0.24	0.50
20PPV-SE1-04MALD	0.03	0.03	0.17	0.25	0.23	0.30	0.19	0.30	0.21	0.27	0.24	0.29
20PP-S1-04MALD	0.03	0.03	0.18	0.26	0.24	0.50	0.21	0.40	0.20	0.50	0.26	0.50

***MALD denotes Almond coupling color**

Interchangeable with
CPC® - Colder PMC12 Series





20PP

Tubing Size 1/16" - 1/4"
1/8" Flow Polypropylene



MALE THREAD SOCKET

NON-VALVED	VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
20PP-S1-02MALD	20PPV-SE1-02MALD	1/8" NPT	1.10" (28mm)	.64" (16mm)	.82" (21mm)
20PP-S1-04MALD	20PPV-SE1-04MALD	1/4" NPT	1.10" (28mm)	.64" (16mm)	.82" (21mm)



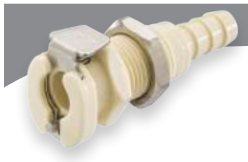
IN-LINE HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20PP-S2-01MALD	20PPV-SE2-01MALD	1/16" ID	1.6mm ID	1.39" (35mm)	.63" (16mm)	.88" (22mm)
20PP-S2-02MALD	20PPV-SE2-02MALD	1/8" ID	3.2mm ID	1.63" (41mm)	.63" (16mm)	.88" (22mm)
20PP-S2-04MALD	20PPV-SE2-04MALD	1/4" ID	6.4mm ID	1.78" (45mm)	.63" (16mm)	.88" (22mm)



IN-LINE PTF SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20PP-S9-025MALD	20PPV-SE9-025MALD	5/32" OD, .10" ID	4.0mm OD, 2.5mm ID	1.68" (43mm)	.63" (16mm)	.88" (22mm)
20PP-S9-04MALD	20PPV-SE9-04MALD	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.71" (43mm)	.63" (16mm)	.88" (22mm)



PANEL MOUNT HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20PP-S3-01MALD	20PPV-SE3-01MALD	1/16" ID	1.6mm ID	1.37" (35mm)	.63" (16mm)	.88" (22mm)
20PP-S3-02MALD	20PPV-SE3-02MALD	1/8" ID	3.2mm ID	1.65" (42mm)	.63" (16mm)	.88" (22mm)
20PP-S3-04MALD	20PPV-SE3-04MALD	1/4" ID	6.4mm ID	1.76" (45mm)	.63" (16mm)	.88" (22mm)



PANEL MOUNT PTF SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20PP-S8-025MALD	20PPV-SE8-025MALD	5/32" OD, .10" ID	4.0mm OD, 2.5mm ID	1.72" (44mm)	.63" (16mm)	.88" (22mm)
20PP-S8-04MALD	20PPV-SE8-04MALD	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.77" (45mm)	.63" (16mm)	.88" (22mm)



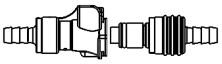
*External product dimensions are the same with or without a shut off valve

PART NUMBER GUIDE EXAMPLE:

20 PP V - SE 2 - 04MALD

20	PP	V	SE	2	04	MALD
FLOW SIZE OR LATCH TYPE	MATERIAL	VALVE	CONFIG. AND O-RING	TYPE	CONNECTION SIZE	COLOR OPTION

tel: 805-339-0055 | fax: 805-512-7130 | 3000 Bunsen Ave., Ventura, CA 93003 USA



Interchangeable with
CPC®- Colder PMC12 Series

NON-VALVED



MALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
20PPX-PE1-02MALD	1/8" NPT	1.25" (32mm)	.50" (13mm)	.50" (13mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20PP-PE2-01MALD	1/16" ID	1.6mm ID	.73" (19mm)	.55" (14mm)	.55" (14mm)
20PP-PE2-02MALD	1/8" ID	3.2mm ID	.97" (25mm)	.55" (14mm)	.55" (14mm)
20PP-PE2-04MALD	1/4" ID	6.4mm ID	1.18" (30mm)	.55" (14mm)	.55" (14mm)



IN-LINE PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20PPX-PE9-04MALD	1/4" OD, .17 ID	6.4mm OD, 4.3mm ID	1.40" (36mm)	.55" (14mm)	.55" (14mm)



ELBOW HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20PPX-PE4-02MALD	1/8" ID	3.2mm ID	1.10" (28mm)	.50" (13mm)	.95" (24mm)
20PPX-PE4-04MALD	1/4" ID	6.4mm ID	1.10" (28mm)	.50" (13mm)	1.10" (28mm)



ELBOW PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20PPX-PE10-04MALD	1/4" OD, .17 ID	6.4mm OD, 4.3mm ID	1.10" (28mm)	.62" (16mm)	1.02" (26mm)

VALVED



MALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
20PPV-PE1-02MALD	1/8" NPT	1.37" (35mm)	.50" (13mm)	.50" (13mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20PPV-PE2-01MALD	1/16" ID	1.6mm ID	1.42" (36mm)	.55" (14mm)	.55" (14mm)
20PPV-PE2-02MALD	1/8" ID	3.2mm ID	1.65" (42mm)	.55" (14mm)	.55" (14mm)
20PPV-PE2-04MALD	1/4" ID	6.4mm ID	1.80" (46mm)	.55" (14mm)	.55" (14mm)



IN-LINE PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20PPV-PE9-04MALD	1/4" OD, .17 ID	6.4mm OD, 4.3mm ID	1.52" (39mm)	.55" (14mm)	.55" (14mm)



ELBOW HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20PPV-PE4-02MALD	1/8" ID	3.2mm ID	1.21" (31mm)	.50" (13mm)	.95" (24mm)
20PPV-PE4-04MALD	1/4" ID	6.4mm ID	1.21" (31mm)	.50" (13mm)	1.10" (28mm)



ELBOW PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20PPV-PE10-04MALD	1/4" OD, .17 ID	6.4mm OD, 4.3mm ID	1.21" (31mm)	.62" (16mm)	1.02" (26mm)

20CB SERIES

TUBING SIZE 1/8" - 1/4" | 1/8" FLOW CHROME BRASS



See our website for Solid Models

PERFORMANCE RATINGS

- Operating Pressure: Vacuum to 250psi; (17.3bar)
- Temperature: -40°F to 180°F; (-40°C to 82°C)
- Flow Capacity: 1/8" Size

MATERIALS & CONSTRUCTION

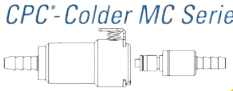
- Bodies & Terminations: Food Grade Chrome/Brass
- Internal Valves: Acetal (POM)
- Internal Valve Springs: 316 Stainless Steel
- O-rings: Buna-N (others available)
- Thumb-latch: Stainless Steel
- External Springs & Pins: Stainless Steel

LEGACY METAL LATCH

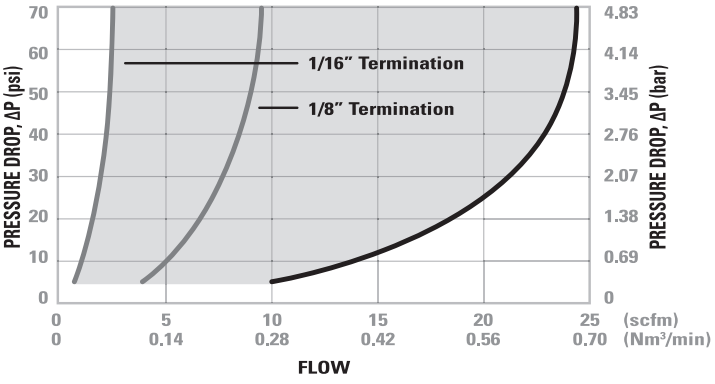
Produced in food grade chrome plated brass, these 1/8" flow size couplings are more durable and withstand higher pressures. They are available with internal shut-off valves or straight through. All 20CB couplings interconnect with all other 20AC and 20PP couplings as well as other similar industry thumb-latch type couplings.

Please contact us for NSF compliant and cleanroom produced versions.

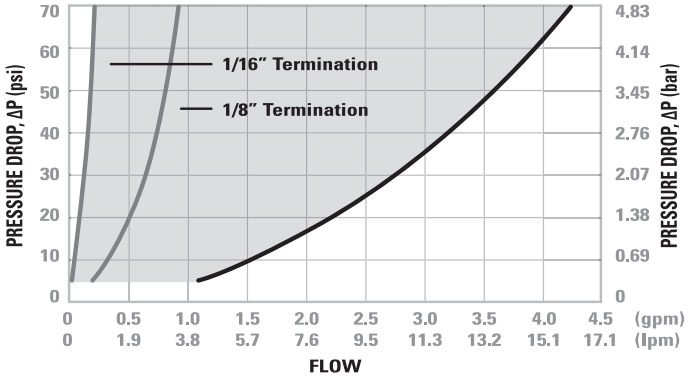
Interchangeable with *CPC®-Colder MC Series*



20CB Series Air Flow



20CB Series Water Flow



Valved Socket & Plug



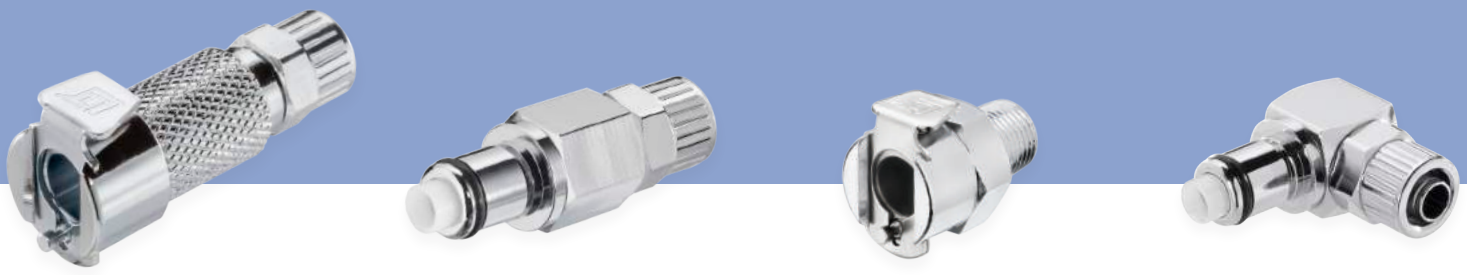
Valved & Non-Valved Coupling Set

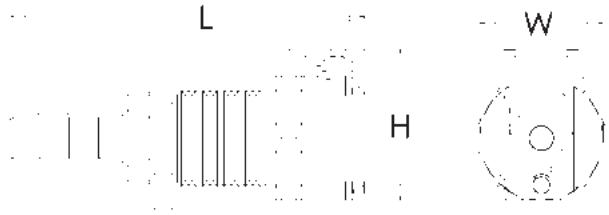


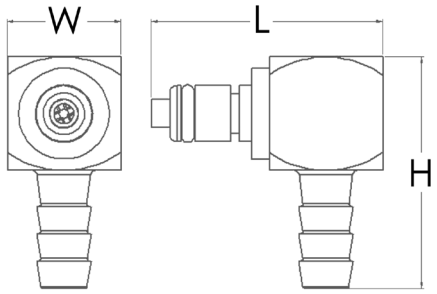
Non-Valved Socket & Plug



tel: 805-339-0055 | fax: 805-512-7130 | 3000 Bunsen Ave., Ventura, CA 93003 USA





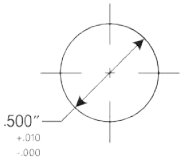


**Illustrations are actual size of product.*

Reference Dimensions: L = Length, W = Width, H = Height

Panel Mount Dimensions

	PANEL OPENING	MAX PANEL THICKNESS	MIN PANEL THICKNESS
SOCKETS	0.5"	0.5"	0.05"
PLUGS	0.5"	0.3"	0.05"



PANEL NUT HEX SIZE	PANEL NUT THREAD
5/8"	1/2" - 24 UNS

PART NUMBER GUIDE EXAMPLE:

20 CB V - PB 2 - 04

- 20 — FLOW SIZE OR LATCH TYPE
- CB — MATERIAL
- V — VALVE
- PB — CONFIG. AND O-RING
- 2 — TYPE
- 04 — CONNECTION SIZE

Flow Rates

The data below shows the liquid flow rates for LinkTech couplings. Each coupling combination was tested at 70° F (21°C).

Specific coupling combination flow rates can be determined by using this formula:

$$Q = C_v \sqrt{\frac{\Delta P}{S}}$$

Q = Flow rate in gallons per minute
C_v = Average flow rates (see chart)
ΔP = Pressure drop across coupling (psi)
S = Specific gravity of liquid.

C_v Values for 20CB Series Couplings

SOCKETS	20CBV-PB2-02	20CB-PB2-02	20CBV-PB2-03	20CB-PB2-03	20CBV-PB2-04	20CB-PB2-04	20CBV-PB9-04	20CB-PB9-04	20CBV-PB1-02	20CB-PB1-02	20CBV-PB1-04	20CB-PB1-04	20CBV-PB4-04	20CB-PB4-04
20CBV-SB2-04	0.16	0.22	0.16	0.22	0.21	0.26	0.17	0.23	0.19	0.25	0.21	0.25	0.24	0.27
20CB-S2-04	0.18	0.24	0.19	0.26	0.23	0.45	0.24	0.33	0.20	0.45	0.24	0.38	0.27	0.45
20CBV-SB3-02	0.14	0.17	0.14	0.18	0.15	0.19	0.15	0.19	0.18	0.18	0.15	0.18	0.15	0.19
20CB-S3-02	0.14	0.19	0.14	0.20	0.15	0.27	0.15	0.24	0.15	0.27	0.18	0.28	0.16	0.27
20CBV-SB3-04	0.16	0.22	0.16	0.22	0.21	0.26	0.17	0.23	0.19	0.26	0.21	0.26	0.16	0.25
20CB-S3-04	0.18	0.25	0.19	0.27	0.23	0.45	0.23	0.34	0.20	0.45	0.25	0.42	0.26	0.45
20CBV-SB8-04	0.16	0.20	0.16	0.21	0.17	0.22	0.17	0.21	0.17	0.21	0.17	0.21	0.18	0.22
20CB-S8-04	0.16	0.25	0.17	0.30	0.18	0.40	0.18	0.40	0.16	0.40	0.18	0.36	0.21	0.40
20CBV-SB1-02	0.16	0.24	0.17	0.25	0.20	0.28	0.18	0.27	0.20	0.26	0.20	0.29	0.24	0.26
20CB-S1-02	0.16	0.25	0.17	0.30	0.19	0.50	0.18	0.40	0.20	0.50	0.20	0.50	0.24	0.50
20CBV-SB1-04	0.17	0.25	0.18	0.25	0.23	0.30	0.19	0.30	0.21	0.27	0.23	0.28	0.24	0.29
20CB-S1-04	0.18	0.26	0.19	0.30	0.24	0.50	0.21	0.40	0.20	0.50	0.25	0.51	0.26	0.50

Interchangeable with
CPC®- Colder MC Series







20CB

Tubing Size 1/8" - 1/4"
1/8" Flow Chrome Brass



MALE THREAD SOCKET

NON-VALVED	VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
20CB-S1-02	20CBV-SB1-02	1/8" NPT	1.00" (25mm)	.62" (16mm)	.80" (20mm)
20CB-S1-02BSPT	20CBV-SB1-02BSPT	1/8" BSPT	1.00" (25mm)	.62" (16mm)	.80" (20mm)
20CB-S1-04	20CBV-SB1-04	1/4" NPT	1.00" (25mm)	.62" (16mm)	.80" (20mm)
20CB-S1-04BSPT	20CBV-SB1-04BSPT	1/4" BSPT	1.00" (25mm)	.62" (16mm)	.80" (20mm)



IN-LINE HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20CB-S2-02	20CBV-SB2-02	1/8" ID	3.2mm ID	1.65" (42mm)	.62" (16mm)	.80" (20mm)
20CB-S2-03	20CBV-SB2-03	3/16" ID	4.8mm ID	1.85" (47mm)	.62" (16mm)	.80" (20mm)
20CB-S2-04	20CBV-SB2-04	1/4" ID	6.4mm ID	1.85" (47mm)	.62" (16mm)	.80" (20mm)



IN-LINE PTF SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20CB-S9-025	20CBV-SB9-025	5/32" OD, .10" ID	4.0mm OD, 2.5mm ID	1.68" (43mm)	.63" (16mm)	.80" (20mm)
20CB-S9-04	20CBV-SB9-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.78" (45mm)	.63" (16mm)	.80" (20mm)



PANEL MOUNT HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20CB-S3-02	20CBV-SB3-02	1/8" ID	3.2mm ID	1.68" (43mm)	.62" (16mm)	.80" (20mm)
20CB-S3-03	20CBV-SB3-03	3/16" ID	4.8mm ID	1.89" (48mm)	.62" (16mm)	.80" (20mm)
20CB-S3-04	20CBV-SB3-04	1/4" ID	6.4mm ID	1.89" (48mm)	.62" (16mm)	.80" (20mm)

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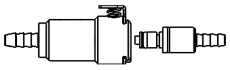


Interchangeable with
CPC®- Colder MC Series



PANEL MOUNT PTF SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20CB-S8-025	20CBV-SB8-025	5/32" OD, .10" ID	4.0mm OD, 2.5mm ID	1.68" (43mm)	.62" (16mm)	.80" (20mm)
20CB-S8-04	20CBV-SB8-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.78" (45mm)	.62" (16mm)	.80" (20mm)



PANEL MOUNT MALE THREAD SOCKET

NON-VALVED	VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
20CB-S12-02	20CBV-SB12-02	1/8" NPT	.62" (16mm)	.80" (20mm)	.80" (20mm)



PANEL MOUNT FEMALE THREAD SOCKET

NON-VALVED	VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
20CB-S19-1032	20CBV-SB19-1032	10/32 UNF	.62" (16mm)	.80" (20mm)	.80" (20mm)



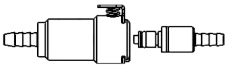
*External product dimensions are the same with or without a shut off valve

PART NUMBER GUIDE EXAMPLE:

20 CB V - PB 2 - 04

20	CB	V	PB	2	04
FLOW SIZE OR LATCH TYPE	MATERIAL	VALVE	CONFIG. AND O-RING	TYPE	CONNECTION SIZE

Interchangeable with
CPC®- Colder MC Series



NON-VALVED



MALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
20CB-PB1-02	1/8" NPT	1.05" (27mm)	.50" (13mm)	.50" (13mm)
20CB-PB1-02BSPT	1/8" BSPT	1.05" (27mm)	.50" (13mm)	.50" (13mm)
20CB-PB1-04	1/4" NPT	1.05" (27mm)	.75" (19mm)	.75" (19mm)
20CB-PB1-04BSPT	1/4" BSPT	1.05" (27mm)	.75" (19mm)	.75" (19mm)



FEMALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
20CB-PB13-1032	10/32 UNF	.63" (16mm)	.56" (14mm)	.56" (14mm)
20CB-PB13-02	1/8" NPT	.95" (24mm)	.56" (14mm)	.56" (14mm)
20CB-PB13-02BSPT	1/8" BSPT	.95" (24mm)	.56" (14mm)	.56" (14mm)
20CB-PB13-04	1/4" NPT	1.15" (29mm)	.63" (16mm)	.63" (16mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20CB-PB2-02	1/8" ID	3.2mm ID	.98" (25mm)	.63" (16mm)	.63" (16mm)
20CB-PB2-03	3/16" ID	4.8mm ID	1.13" (29mm)	.63" (16mm)	.63" (16mm)
20CB-PB2-04	1/4" ID	6.4mm ID	1.13" (29mm)	.63" (16mm)	.63" (16mm)



IN-LINE PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20CB-PB9-025	5/32" OD, .10" ID	4.0mm OD, 2.5mm ID	1.15" (29mm)	.63" (16mm)	.63" (16mm)
20CB-PB9-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.15" (29mm)	.63" (16mm)	.63" (16mm)
20CB-PB9-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.28" (33mm)	.55" (14mm)	.55" (14mm)



PANEL MOUNT HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20CB-PB3-02	1/8" ID	3.2mm ID	1.65" (42mm)	.62" (16mm)	.62" (16mm)
20CB-PB3-03	3/16" ID	4.8mm ID	1.82" (46mm)	.62" (16mm)	.62" (16mm)
20CB-PB3-04	1/4" ID	6.4mm ID	1.82" (46mm)	.62" (16mm)	.62" (16mm)



PANEL MOUNT PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20CB-PB8-025	5/32" OD, .10" ID	4.0mm OD, 2.5mm ID	1.67" (42mm)	.62" (16mm)	.62" (16mm)
20CB-PB8-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.69" (43mm)	.62" (16mm)	.62" (16mm)



ELBOW HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20CB-PB4-02	1/8" ID	3.2mm ID	1.20" (30mm)	.63" (16mm)	.63" (16mm)
20CB-PB4-04	1/4" ID	6.4mm ID	1.20" (30mm)	.63" (16mm)	.63" (16mm)



ELBOW PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20CB-PB10-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.20" (30mm)	.63" (16mm)	1.15" (29mm)

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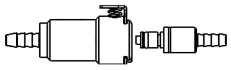


Interchangeable with
CPC®- Colder MC Series

VALVED

MALE THREAD PLUG



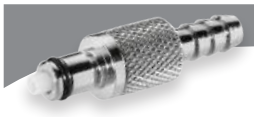
VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
20CBV-PB1-02	1/8" NPT	1.45" (37mm)	.50" (13mm)	.50" (13mm)
20CBV-PB1-02BSPT	1/8" BSPT	1.45" (37mm)	.50" (13mm)	.50" (13mm)
20CBV-PB1-04	1/4" NPT	1.45" (37mm)	.75" (19mm)	.75" (19mm)
20CBV-PB1-04BSPT	1/4" BSPT	1.45" (37mm)	.75" (19mm)	.75" (19mm)

FEMALE THREAD PLUG



VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
20CBV-PB13-1032	10/32 UNF	1.35" (34mm)	.56" (14mm)	.56" (14mm)

IN-LINE HOSE BARB PLUG



VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20CBV-PB2-02	1/8" ID	3.2mm ID	1.65" (42mm)	.63" (16mm)	.63" (16mm)
20CBV-PB2-03	3/16" ID	4.8mm ID	1.80" (46mm)	.63" (16mm)	.63" (16mm)
20CBV-PB2-04	1/4" ID	6.4mm ID	1.85" (47mm)	.63" (16mm)	.63" (16mm)

IN-LINE PTF PLUG



VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20CBV-PB9-025	5/32" OD, .10" ID	4.0mm OD, 2.5mm ID	1.55" (39mm)	.63" (16mm)	.63" (16mm)
20CBV-PB9-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.55" (39mm)	.63" (16mm)	.63" (16mm)
20CBV-PB9-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.70" (43mm)	.55" (14mm)	.55" (14mm)

PANEL MOUNT HOSE BARB PLUG



VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20CBV-PB3-02	1/8" ID	3.2mm ID	1.75" (44mm)	.62" (16mm)	.62" (16mm)
20CBV-PB3-03	3/16" ID	4.8mm ID	1.92" (49mm)	.62" (16mm)	.62" (16mm)
20CBV-PB3-04	1/4" ID	6.4mm ID	1.92" (49mm)	.62" (16mm)	.62" (16mm)

PANEL MOUNT PTF PLUG



VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20CBV-PB8-025	5/32" OD, .10" ID	4.0mm OD, 2.5mm ID	1.77" (45mm)	.62" (16mm)	.62" (16mm)
20CBV-PB8-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.79" (45mm)	.62" (16mm)	.62" (16mm)

ELBOW HOSE BARB PLUG



VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20CBV-PB4-02	1/8" ID	3.2mm ID	1.30" (33mm)	.63" (16mm)	.63" (16mm)
20CBV-PB4-04	1/4" ID	6.4mm ID	1.30" (33mm)	.63" (16mm)	.63" (16mm)

ELBOW PTF PLUG



VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20CBV-PB10-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.30" (33mm)	.63" (16mm)	1.15" (29mm)

30AC SERIES

TUBING SIZE 1/16" - 1/4" | 1/8" FLOW ACETAL (POM)



NEW

See our website for Solid Models

PERFORMANCE RATINGS

- Operating Pressure: Vacuum to 120psi; (8.3bar)
- Temperature: -40°F to 180°F; (40°C to 82°C)
- Flow Capacity: 1/8" Size

MATERIALS & CONSTRUCTION

- Bodies, Terminations & Latch: Acetal (POM)
- Internal Valves: Acetal (POM)
- Internal Valve Springs: 316 Stainless Steel
- O-rings: Buna-N (others available)

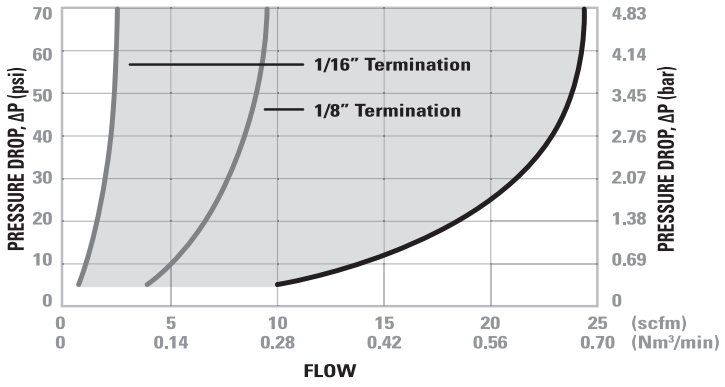
Please contact us for NSF compliant and cleanroom produced versions.

***FIRST** in the market*

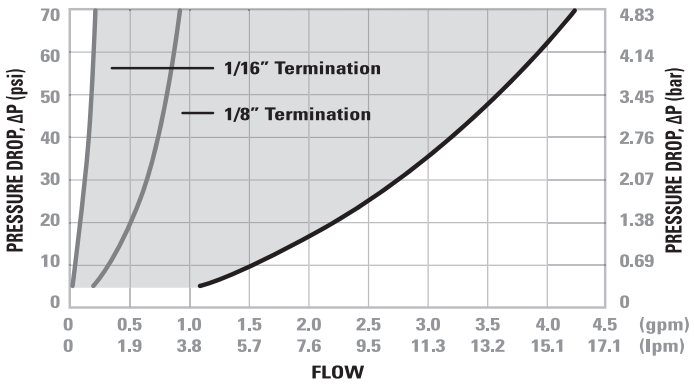
ADVANCED PLASTIC LATCH

The new 30AC Series is the first small all plastic series coupling. It offers the same 1/8" flow size as the 20 Series but is more reliable with less moving parts due to its advanced design with no external springs. Its cost efficient all plastic thumb-latch design makes an audible click when coupled to ensure a secure connection. The 30AC Series is produced in a durable natural Acetal (POM) thermoplastic and is resistant to most mild chemicals. Its unique connection does not connect or interchange with the 20 Series or any similar thumb-latch type couplings. It is manufactured to be trouble free for many years of service and has been cycle tested to 100,000 connections.

30AC Series Air Flow



30AC Series Water Flow



Valved Socket & Plug



Valved & Non-Valved Coupling Set



Non-Valved Socket & Plug



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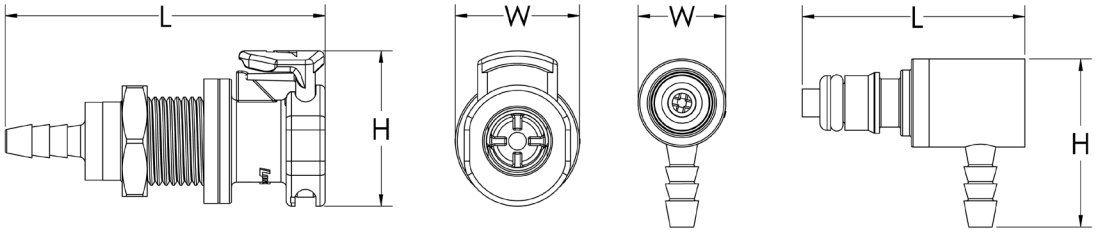
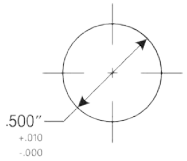


**Illustrations are actual size of product.*

Reference Dimensions: L = Length, W = Width, H = Height

Panel Mount Dimensions

	PANEL OPENING	MAX PANEL THICKNESS	MIN PANEL THICKNESS
SOCKETS	See Drawing	0.5"	0.05"



PANEL NUT HEX SIZE	PANEL NUT THREAD
5/8"	1/2" - 24 UNS

PART NUMBER GUIDE EXAMPLE:

30 AC V - SB 2 - 02

30	AC	V	SB	2	02
FLOW SIZE OR LATCH TYPE	MATERIAL	VALVE	CONFIG. AND O-RING	TYPE	CONNECTION SIZE

Flow Rates

The data below shows the liquid flow rates for LinkTech couplings. Each coupling combination was tested at 70° F (21°C).

Specific coupling combination flow rates can be determined by using this formula:

$$Q = C_v \sqrt{\frac{\Delta P}{S}}$$

Q = Flow rate in gallons per minute
C_v = Average flow rates (see chart)
ΔP = Pressure drop across coupling (psi)
S = Specific gravity of liquid.

C_v Values for 30AC Series Couplings

SOCKETS	30ACV-PB2-01	30ACV-PB2-02	30AC-PB2-02	30ACV-PB2-03	30ACV-PB2-04	30ACV-PB9-04	30ACX-PB9-04	30ACV-PB1-02	30ACX-PB1-02	30ACV-PB1-04	30ACX-PB1-04	30ACV-PB4-04	30ACX-PB4-04
30ACV-S2-01	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
30AC-S2-01	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
30ACV-SB2-04	0.03	0.16	0.22	0.16	0.21	0.17	0.23	0.19	0.25	0.21	0.25	0.24	0.27
30AC-S2-04	0.03	0.18	0.24	0.19	0.23	0.24	0.33	0.20	0.45	0.24	0.38	0.27	0.45
30ACV-SB3-02	0.03	0.14	0.17	0.14	0.15	0.15	0.19	0.18	0.18	0.15	0.18	0.15	0.19
30AC-S3-02	0.03	0.14	0.19	0.14	0.15	0.15	0.24	0.15	0.27	0.18	0.28	0.16	0.27
30ACV-SB3-04	0.03	0.16	0.22	0.16	0.21	0.17	0.23	0.19	0.26	0.21	0.26	0.16	0.25
30AC-S3-04	0.03	0.18	0.25	0.19	0.23	0.23	0.34	0.20	0.45	0.25	0.42	0.26	0.45
30ACV-SB8-04	0.03	0.16	0.20	0.16	0.17	0.17	0.21	0.17	0.21	0.17	0.21	0.18	0.22
30AC-S8-04	0.03	0.16	0.25	0.17	0.18	0.18	0.40	0.16	0.40	0.18	0.36	0.21	0.40
30ACV-SB1-04	0.03	0.17	0.25	0.18	0.23	0.19	0.30	0.21	0.27	0.23	0.28	0.24	0.29
30AC-S1-04	0.03	0.18	0.26	0.19	0.24	0.21	0.40	0.20	0.50	0.25	0.51	0.26	0.50





30AC

Tubing Size 1/16" - 1/4"
1/8" Flow Acetal (POM)



MALE THREAD SOCKET

NON-VALVED	VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
30AC-S1-02	30ACV-SB1-02	1/8" NPT	1.00'' (25mm)	.62'' (16mm)	.80'' (20mm)



IN-LINE HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
30AC-S2-01	30ACV-SB2-01	1/16'' ID	1.6mm ID	1.42'' (36mm)	.62'' (16mm)	.80'' (20mm)
30AC-S2-02	30ACV-SB2-02	1/8'' ID	3.2mm ID	1.65'' (42mm)	.62'' (16mm)	.80'' (20mm)
30AC-S2-03	30ACV-SB2-03	3/16'' ID	4.8mm ID	1.80'' (46mm)	.62'' (16mm)	.80'' (20mm)
30AC-S2-04	30ACV-SB2-04	1/4'' ID	6.4mm ID	1.80'' (46mm)	.62'' (16mm)	.80'' (20mm)



IN-LINE PTF SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
30AC-S9-025	30ACV-SB9-025	5/32'' OD, .10'' ID	4.0mm OD, 2.5mm ID	1.65'' (42mm)	.62'' (16mm)	.80'' (20mm)
30AC-S9-04	30ACV-SB9-04	1/4'' OD, .17'' ID	6.4mm OD, 4.3mm ID	1.75'' (44mm)	.62'' (16mm)	.80'' (20mm)



PANEL MOUNT HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
30AC-S3-01	30ACV-SB3-01	1/16'' ID	1.6mm ID	1.40'' (36mm)	.62'' (16mm)	.80'' (20mm)
30AC-S3-02	30ACV-SB3-02	1/8'' ID	3.2mm ID	1.65'' (42mm)	.62'' (16mm)	.80'' (20mm)
30AC-S3-03	30ACV-SB3-03	3/16'' ID	4.8mm ID	1.80'' (46mm)	.62'' (16mm)	.80'' (20mm)
30AC-S3-04	30ACV-SB3-04	1/4'' ID	6.4mm ID	1.80'' (46mm)	.62'' (16mm)	.80'' (20mm)



PANEL MOUNT PTF SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
30AC-S8-025	30ACV-SB8-025	5/32'' OD, .10'' ID	4.0mm OD, 2.5mm ID	1.70'' (43mm)	.62'' (16mm)	.80'' (20mm)
30AC-S8-04	30ACV-SB8-04	1/4'' OD, .17'' ID	6.4mm OD, 4.3mm ID	1.72'' (44mm)	.62'' (16mm)	.80'' (20mm)



PANEL MOUNT FEMALE THREAD SOCKET

NON-VALVED	VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
30AC-S19-1032	30ACV-SB19-1032	10/32 UNF	1.25'' (32mm)	.62'' (16mm)	.80'' (20mm)



*External product dimensions are the same with or without a shut off valve

PART NUMBER GUIDE EXAMPLE:

30 AC V - SB 2 - 02

30	AC	V	SB	2	02
FLOW SIZE OR LATCH TYPE	MATERIAL	VALVE	CONFIG. AND O-RING	TYPE	CONNECTION SIZE

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NON-VALVED



MALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
30ACX-PB1-02	1/8'' NPT	1.10" (28mm)	.50" (13mm)	.50" (13mm)
30ACX-PB1-02BSPT	1/8'' BSPT	1.10" (28mm)	.50" (13mm)	.50" (13mm)
30ACX-PB1-04	1/4'' NPT	1.20" (30mm)	.56" (14mm)	.56" (14mm)
30ACX-PB1-04BSPT	1/4'' BSPT	1.20" (30mm)	.56" (14mm)	.56" (14mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
30AC-PB2-02	1/8" ID	3.2mm ID	1.14" (31mm)	.55" (14mm)	.55" (14mm)



IN-LINE PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
30ACX-PB9-025	5/32" OD, .10" ID	4.0mm OD, 2.5mm ID	1.22" (31mm)	.50" (13mm)	.50" (13mm)
30ACX-PB9-04	1/4" OD, .17" ID	6.4mm OD, 4.3 mm ID	1.22" (31mm)	.50" (13mm)	.50" (13mm)



ELBOW HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
30ACX-PB4-02	1/8" ID	3.2mm ID	.86" (22mm)	.50" (13mm)	.95" (24mm)
30ACX-PB4-04	1/4" ID	6.4mm ID	.97" (25mm)	.50" (13mm)	1.10" (28mm)



ELBOW PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
30ACX-PB10-025	5/32" OD, .10" ID	4.0mm OD, 2.5mm ID	1.16" (29mm)	.50" (13mm)	.99" (25mm)
30ACX-PB10-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.16" (29mm)	.50" (13mm)	1.02" (26mm)

VALVED



MALE THREAD PLUG

VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
30ACV-PB1-02	1/8'' NPT	1.43" (36mm)	.50" (13mm)	.50" (13mm)
30ACV-PB1-02BSPT	1/8'' BSPT	1.43" (36mm)	.50" (13mm)	.50" (13mm)
30ACV-PB1-04	1/4'' NPT	1.43" (36mm)	.56" (14mm)	.56" (14mm)
30ACV-PB1-04BSPT	1/4'' BSPT	1.43" (36mm)	.56" (14mm)	.56" (14mm)



IN-LINE HOSE BARB PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
30ACV-PB2-01	1/16" ID	1.6mm ID	1.55" (39mm)	.55" (14mm)	.55" (14mm)
30ACV-PB2-02	1/8" ID	3.2mm ID	1.72" (44mm)	.55" (14mm)	.55" (14mm)
30ACV-PB2-03	3/16" ID	4.8mm ID	1.87" (48mm)	.55" (14mm)	.55" (14mm)
30ACV-PB2-04	1/4" ID	6.4mm ID	1.87" (48mm)	.55" (14mm)	.55" (14mm)



IN-LINE PTF PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
30ACV-PB9-025	5/32" OD, .10" ID	4.0mm OD, 2.5mm ID	1.47" (37mm)	.50" (13mm)	.50" (13mm)
30ACV-PB9-04	1/4" OD, .17" ID	6.4mm OD, 4.3 mm ID	1.59" (40mm)	.50" (13mm)	.50" (13mm)



ELBOW HOSE BARB PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
30ACV-PB4-02	1/8" ID	3.2mm ID	1.26" (32mm)	.50" (13mm)	.95" (24mm)
30ACV-PB4-04	1/4" ID	6.4mm ID	1.26" (32mm)	.50" (13mm)	1.10" (28mm)



ELBOW PTF PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
30ACV-PB10-025	5/32" OD, .10" ID	4.0mm OD, 2.5mm ID	1.27" (32mm)	.50" (13mm)	.99" (25mm)
30ACV-PB10-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.27" (32mm)	.50" (13mm)	1.02" (26mm)

Tubing Size 1/16" - 1/4"
1/8" Flow Acetal (POM)

40AC SERIES

TUBING SIZE 1/4" - 3/8" | 1/4" FLOW ACETAL (POM)



PERFORMANCE RATINGS

- Operating Pressure: Vacuum to 120psi; (8.3bar)
- Temperature: -40˚F to 180˚F; (-40˚C to 82˚C)
- Flow Capacity: 1/4" Size

MATERIALS & CONSTRUCTION

- Bodies & Terminations: Acetal (POM)
- Internal Valves: Acetal (POM)
- Internal Valve Springs: 316 Stainless Steel
- O-rings: Buna-N (others available)
- Thumb-latch: Stainless Steel
- External Springs & Pins: Stainless Steel

See our website for Solid Models

LEGACY METAL LATCH

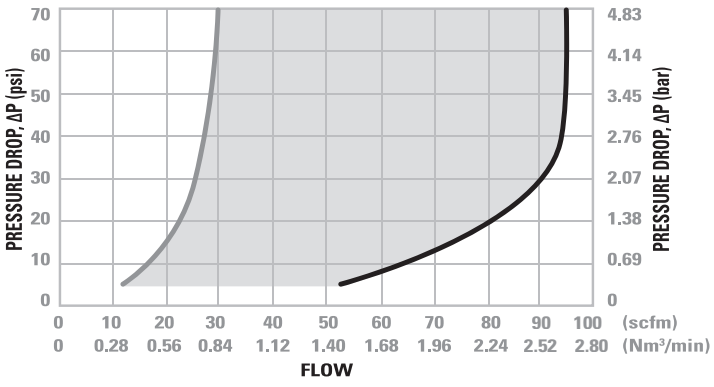
These general purpose 1/4" flow size couplings are produced in a durable natural Acetal (POM) thermoplastic. They feature a thumb-latch release which provides a simple one hand operation. They are available in both valved and non-valved configurations. All 40AC couplings interconnect with all other 40PP and 40CB couplings as well as other similar industry thumb-latch type couplings.

Please contact us for NSF compliant and cleanroom produced versions.

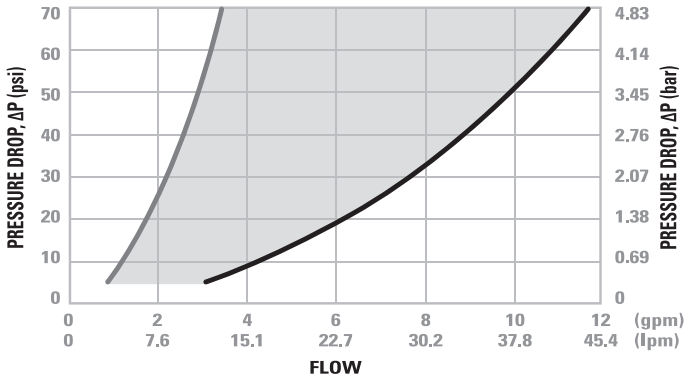
Interchangeable with *CPC®-Colder PLC Series*



40AC Series Air Flow



40AC Series Water Flow



Valved Socket & Plug



Valved & Non-Valved Coupling Set



Non-Valved Socket & Plug



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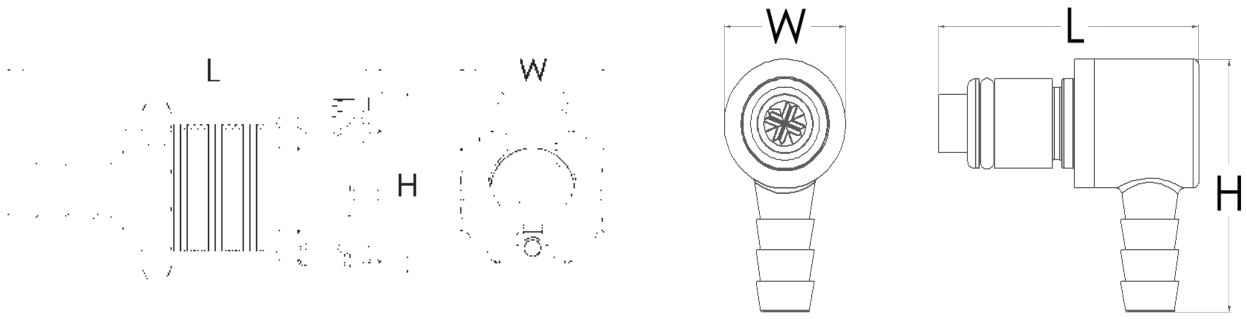
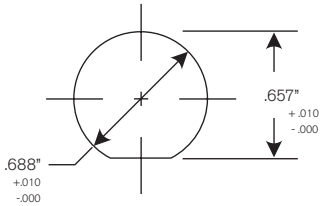


**Illustrations are actual size of product.*

Reference Dimensions: L = Length, W = Width, H = Height

Panel Mount Dimensions

	PANEL OPENING	MAX PANEL THICKNESS	MIN PANEL THICKNESS
SOCKETS	See Drawing	0.5"	0.05"
PLUGS	0.688"	0.3"	0.05"



PANEL NUT HEX SIZE	PANEL NUT THREAD
13/16"	11/16" - 24 UNS

PART NUMBER GUIDE EXAMPLE:

40 AC V - PB 2 - 04

- 40 — FLOW SIZE OR LATCH TYPE
- AC — MATERIAL
- V — VALVE
- PB — CONFIG. AND O-RING
- 2 — TYPE
- 04 — CONNECTION SIZE

Flow Rates

The data below shows the liquid flow rates for LinkTech couplings. Each coupling combination was tested at 70° F (21°C).

Specific coupling combination flow rates can be determined by using this formula:

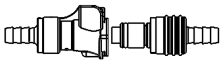
$$Q = C_v \sqrt{\frac{\Delta P}{S}}$$

Q = Flow rate in gallons per minute
C_v = Average flow rates (see chart)
ΔP = Pressure drop across coupling (psi)
S = Specific gravity of liquid.

C_v Values for 40AC Series Couplings

SOCKETS	40ACV-PB2-04	40AC-PB2-04	40ACV-PB2-06	40AC-PB2-06	40ACV-PB9-04	40AC-PB9-04	40ACV-PB9-06	40AC-PB9-06	40ACV-PB1-04	40AC-PB1-04	40ACV-PB1-06	40AC-PB1-06
40ACV-SB2-04	0.42	0.58	0.45	0.78	0.31	0.38	0.45	0.60	0.43	0.79	0.45	0.75
40AC-S2-04	0.52	0.95	0.70	1.00	0.38	0.39	0.55	0.87	0.65	0.95	0.65	1.00
40ACV-SB2-06	0.43	0.63	0.50	0.89	0.33	0.39	0.62	0.50	0.45	0.95	0.50	0.92
40AC-S2-06	0.53	0.95	0.80	1.40	0.38	0.39	0.57	1.00	0.70	1.40	0.73	1.40
40ACV-SB3-04	0.42	0.58	0.45	0.78	0.31	0.38	0.45	0.60	0.43	0.79	0.45	0.75
40AC-S3-04	0.52	0.95	0.70	1.00	0.38	0.39	0.55	0.87	0.65	0.95	0.65	1.00
40ACV-SB3-06	0.43	0.63	0.50	0.89	0.33	0.39	0.56	0.61	0.45	0.95	0.50	0.92
40AC-S3-06	0.53	0.95	0.80	1.40	0.38	0.39	0.57	1.00	0.70	1.40	0.73	1.40
40ACV-SB1-04	0.41	0.65	0.50	0.81	0.31	0.35	0.48	0.74	0.45	0.80	0.45	0.80
40AC-S1-04	0.56	0.84	0.83	1.40	0.35	0.40	0.58	1.04	0.75	1.40	0.78	1.40
40ACV-SB1-06	0.43	0.70	0.50	1.03	0.30	0.36	0.59	0.60	0.45	0.97	0.48	1.00
40AC-S1-06	0.57	0.84	0.82	1.40	0.35	0.40	0.60	1.05	0.75	1.40	0.75	1.40

Interchangeable with *CPC®- Colder PLC Series*









40AC

Tubing Size 1/4" - 3/8" 1/4" Flow Acetal (POM)



MALE THREAD SOCKET

NON-VALVED	VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
40AC-S1-04	40ACV-SB1-04	1/4" NPT	1.15" (29mm)	.75" (19mm)	.93" (24mm)
40AC-S1-04BSPT	40ACV-SB1-04BSPT	1/4" BSPT	1.15" (29mm)	.75" (19mm)	.93" (24mm)
40AC-S1-06	40ACV-SB1-06	3/8" NPT	1.15" (29mm)	.75" (19mm)	.93" (24mm)
40AC-S1-06BSPT	40ACV-SB1-06BSPT	3/8" BSPT	1.15" (29mm)	.75" (19mm)	.93" (24mm)



IN-LINE HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40AC-S2-04	40ACV-SB2-04	1/4" ID	6.4mm ID	1.90" (48mm)	.75" (19mm)	.93" (24mm)
40AC-S2-05	40ACV-SB2-05	5/16" ID	7.9mm ID	1.90" (48mm)	.75" (19mm)	.93" (24mm)
40AC-S2-06	40ACV-SB2-06	3/8" ID	9.5mm ID	1.90" (48mm)	.75" (19mm)	.93" (24mm)



IN-LINE PTF SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40AC-S9-04	40ACV-SB9-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.85" (47mm)	.75" (19mm)	.93" (24mm)
40AC-S9-06	40ACV-SB9-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.95" (50mm)	.75" (19mm)	.93" (24mm)

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PANEL MOUNT HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40AC-S3-04	40ACV-SB3-04	1/4" ID	6.4mm ID	1.90" (48mm)	.75" (19mm)	.93" (24mm)
40AC-S3-05	40ACV-SB3-05	5/16" ID	7.9mm ID	1.90" (48mm)	.75" (19mm)	.93" (24mm)
40AC-S3-06	40ACV-SB3-06	3/8" ID	9.5mm ID	1.90" (48mm)	.75" (19mm)	.93" (24mm)



PANEL MOUNT PTF SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40AC-S8-04	40ACV-SB8-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.87" (47mm)	.75" (19mm)	.93" (24mm)
40AC-S8-06	40ACV-SB8-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.95" (50mm)	.75" (19mm)	.93" (24mm)



IN-LINE PUSH-IN SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40AC-S17-04	40ACV-SB17-04	1/4" OD	6.4mm OD	1.93" (49mm)	.75" (19mm)	.93" (24mm)



PANEL MOUNT PUSH-IN SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40AC-S18-04	40ACV-SB18-04	1/4" OD	6.4mm OD	1.93" (49mm)	.75" (19mm)	.94" (24mm)



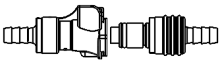
*External product dimensions are the same with or without a shut off valve

PART NUMBER GUIDE EXAMPLE:

40 AC V - PB 2 - 04

40	AC	V	PB	2	04
FLOW SIZE OR LATCH TYPE	MATERIAL	VALVE	CONFIG. AND O-RING	TYPE	CONNECTION SIZE

Interchangeable with
CPC®- Colder PLC Series



NON-VALVED



MALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
40AC-PB1-04	1/4" NPT	1.25" (32mm)	.63" (16mm)	.63" (16mm)
40AC-PB1-04BSPT	1/4" BSPT	1.25" (32mm)	.63" (16mm)	.63" (16mm)
40AC-PB1-06	3/8" NPT	1.25" (32mm)	.75" (19mm)	.75" (19mm)
40AC-PB1-06BSPT	3/8" BSPT	1.25" (32mm)	.75" (19mm)	.75" (19mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40AC-PB2-04	1/4" ID	6.4mm ID	1.25" (32mm)	.70" (18mm)	.70" (18mm)
40AC-PB2-05	5/16" ID	7.9mm ID	1.25" (32mm)	.70" (18mm)	.70" (18mm)
40AC-PB2-06	3/8" ID	9.5mm ID	1.25" (32mm)	.70" (18mm)	.70" (18mm)



IN-LINE PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40AC-PB9-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.25" (32mm)	.63" (16mm)	.63" (16mm)
40AC-PB9-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.40" (36mm)	.63" (16mm)	.63" (16mm)



PANEL MOUNT HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40AC-PB3-04	1/4" ID	6.4mm ID	1.86" (47mm)	.75" (19mm)	.75" (19mm)
40AC-PB3-05	5/16" ID	7.9mm ID	1.91" (49mm)	.75" (19mm)	.75" (19mm)
40AC-PB3-06	3/8" ID	9.5mm ID	1.86" (47mm)	.75" (19mm)	.75" (19mm)



PANEL MOUNT PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40AC-PB8-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.77" (45mm)	.63" (16mm)	.80" (20mm)
40AC-PB8-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.90" (48mm)	.63" (16mm)	.80" (20mm)



ELBOW HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40AC-PB4-04	1/4" ID	6.4mm ID	1.10" (28mm)	.63" (16mm)	1.30" (33mm)
40AC-PB4-06	3/8" ID	9.5mm ID	1.10" (28mm)	.63" (16mm)	1.30" (33mm)



ELBOW PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40ACX-PB10-04	1/4"OD, .17" ID	6.4mm OD, 4.3mm ID	1.09" (28mm)	.63" (16mm)	1.15" (29mm)
40AC-PB10-06	3/8"OD, .25" ID	9.5mm OD, 6.4mm ID	1.22" (31mm)	.63" (16mm)	1.30" (33mm)



IN-LINE PUSH-IN PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40AC-PB17-04	1/4"OD	6.4mm OD	1.81" (46mm)	.70" (18mm)	.70" (18mm)



PANEL MOUNT PUSH-IN PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40AC-PB18-04	1/4"OD	6.4mm OD	1.88" (48mm)	.75" (19mm)	.75" (19mm)



END STOP PLUG

NON-VALVED	LENGTH	WIDTH	HEIGHT
40AC-PB6	.93" (24mm)	.63" (16mm)	.63" (16mm)

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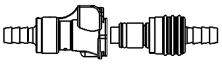


Interchangeable with
CPC®- Colder PLC Series

VALVED

MALE THREAD PLUG



VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
40ACV-PB1-04	1/4" NPT	1.65" (42mm)	.63" (16mm)	.63" (16mm)
40ACV-PB1-04BSPT	1/4" BSPT	1.65" (42mm)	.63" (16mm)	.63" (16mm)
40ACV-PB1-06	3/8" NPT	1.65" (42mm)	.75" (19mm)	.75" (19mm)
40ACV-PB1-06BSPT	3/8" BSPT	1.65" (42mm)	.75" (19mm)	.75" (19mm)

IN-LINE HOSE BARB PLUG



VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40ACV-PB2-04	1/4" ID	6.4mm ID	1.94" (49mm)	.70" (18mm)	.70" (18mm)
40ACV-PB2-05	5/16" ID	7.9mm ID	1.94" (49mm)	.70" (18mm)	.70" (18mm)
40ACV-PB2-06	3/8" ID	9.5mm ID	1.83" (46mm)	.70" (18mm)	.70" (18mm)

IN-LINE PTF PLUG



VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40ACV-PB9-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.89" (48mm)	.63" (16mm)	.63" (16mm)
40ACV-PB9-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.83" (46mm)	.63" (16mm)	.63" (16mm)

PANEL MOUNT HOSE BARB PLUG



VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40ACV-PB3-04	1/4" ID	6.4mm ID	2.01" (51mm)	.75" (19mm)	.75" (19mm)
40ACV-PB3-05	5/16" ID	7.9mm ID	2.05" (52mm)	.75" (19mm)	.75" (19mm)
40ACV-PB3-06	3/8" ID	9.5mm ID	2.01" (51mm)	.75" (19mm)	.75" (19mm)

PANEL MOUNT PTF PLUG



VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40ACV-PB8-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.91" (49mm)	.63" (16mm)	.80" (20mm)
40ACV-PB8-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	2.04" (52mm)	.63" (16mm)	.80" (20mm)

ELBOW HOSE BARB PLUG



VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40ACV-PB4-04	1/4" ID	6.4mm ID	1.35" (34mm)	.63" (16mm)	1.30" (33mm)
40ACV-PB4-06	3/8" ID	9.5mm ID	1.35" (34mm)	.63" (16mm)	1.30" (33mm)

ELBOW PTF PLUG



VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40ACV-PB10-04	1/4"OD, .17" ID	6.4mm OD, 4.3mm ID	1.19" (30mm)	.63" (16mm)	1.15" (29mm)
40ACV-PB10-06	3/8"OD, .25" ID	9.5mm OD, 6.4mm ID	1.37" (35mm)	.63" (16mm)	1.30" (33mm)

IN-LINE PUSH-IN PLUG



VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40ACV-PB17-04	1/4"OD	6.4mm OD	1.97" (50mm)	.70" (18mm)	.70" (18mm)

PANEL MOUNT PUSH-IN PLUG



VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40ACV-PB18-04	1/4"OD	6.4mm OD	2.03" (52mm)	.75" (19mm)	.75" (19mm)

Tubing Size 1/4" - 3/8"
1/4" Flow Acetal (POM)

40PP SERIES

TUBING SIZE 1/4" - 3/8" | 1/4" FLOW POLYPROPYLENE

MODERN
COOL GREY
COLOR



See our website for Solid Models

PERFORMANCE RATINGS

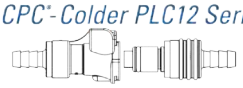
- Operating Pressure: Vacuum to 120psi; (8.3bar)
- Temperature: 32˚F to 160˚F; (0˚C to 71˚C)
- Flow Capacity: 1/4" Size
- Sterilization: Gamma; 50 kGy irrid. max (see technical section for more detail)

MATERIALS & CONSTRUCTION

- Bodies & Terminations: Medical Grade Polypropylene
- Internal Valves: Medical Grade Polypropylene
- Internal Valve Springs: 316 Stainless Steel
- O-rings: Peroxide-cured EPDM (others available)
- Thumb-latch: Stainless Steel
- External Springs & Pins: Stainless Steel

Please contact us for cleanroom produced versions.

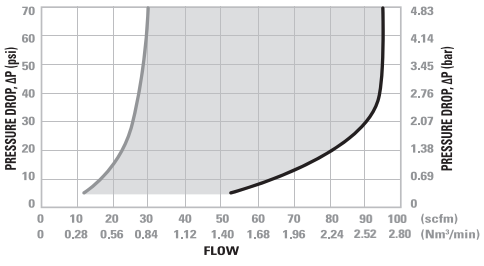
Interchangeable with
CPC®-Colder PLC12 Series



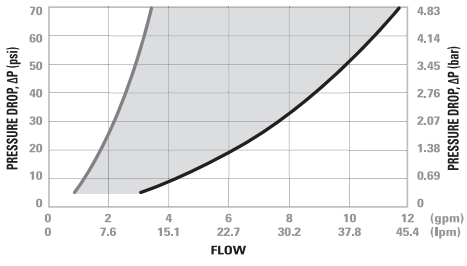
TWO STANDARD COLORS

40PP Series couplings offer 1/4" flow and are produced from medical grade gamma sterilizable polypropylene. The 40PP Series polypropylene couplings offer greater chemical resistance and they are available in both valved and non-valved configurations. These couplings are available in Legacy Almond and Modern Cool Grey colors. All 40PP couplings interconnect with all other 40AC and 40CB couplings as well as other similar industry thumb-latch type couplings.

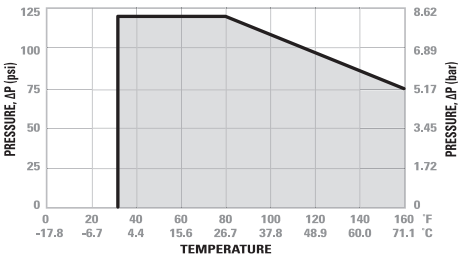
40PP Series Air Flow



40PP Series Water Flow



40PP Series Temperature



Valved Socket & Plug



Valved & Non-Valved Coupling Set



Non-Valved Socket & Plug



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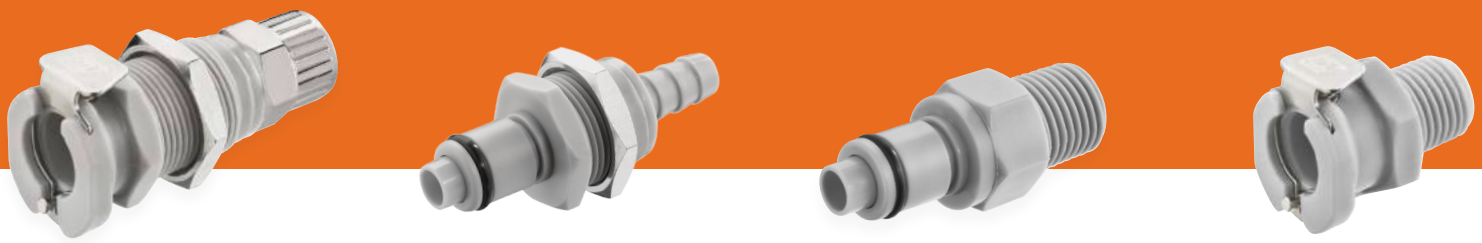
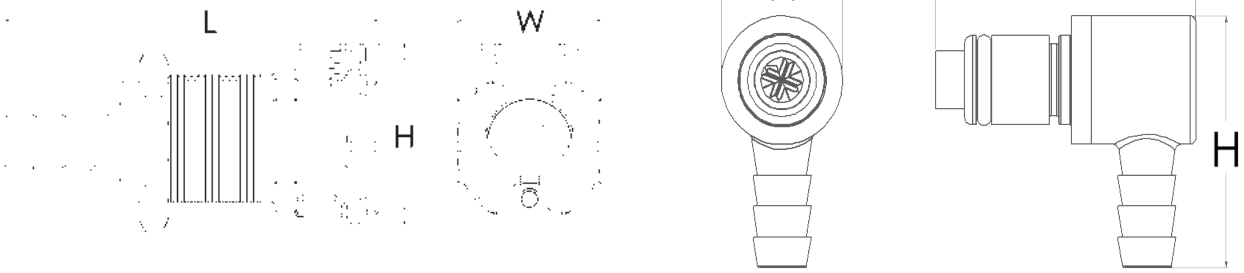


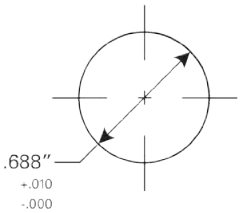


**Illustrations are actual size of product.*

Reference Dimensions: L = Length, W = Width, H = Height

Panel Mount Dimensions

	PANEL OPENING	MAX PANEL THICKNESS	MIN PANEL THICKNESS
SOCKETS	See Drawing	0.5"	0.05"
PLUGS	0.688"	0.3"	0.05"



PANEL NUT HEX SIZE	PANEL NUT THREAD
13/16"	11/16" - 24 UNS

PART NUMBER GUIDE EXAMPLE:

40 PP V - PE 2 - 04

- 40 — FLOW SIZE OR LATCH TYPE
- PP — MATERIAL
- V — VALVE
- PE — CONFIG. AND O-RING
- 2 — TYPE
- 04 — CONNECTION SIZE

Flow Rates

The data below shows the liquid flow rates for LinkTech couplings. Each coupling combination was tested at 70° F (21°C).

Specific coupling combination flow rates can be determined by using this formula:

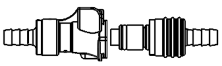
$$Q = C_v \sqrt{\frac{\Delta P}{S}}$$

Q = Flow rate in gallons per minute
C_v = Average flow rates (see chart)
ΔP = Pressure drop across coupling (psi)
S = Specific gravity of liquid.

C_v Values for 40PP Series Couplings

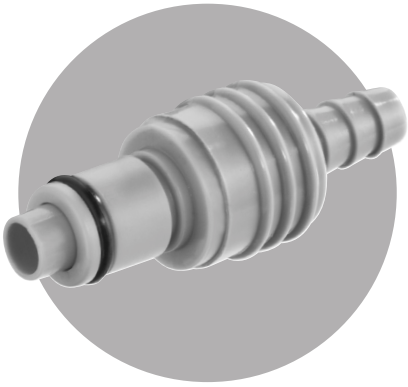
SOCKETS	40PPV-PE2-04	40PP-PE2-04	40PPV-PE2-06	40PP-PE2-06	40PPV-PE9-06	40PPX-PE9-06	40PPV-PE1-04	40PPX-PE1-04	40PPV-PE3-04	40PP-PE3-04	40PPV-PE3-06	40PP-PE3-06
40PPV-SE2-04	0.42	0.58	0.45	0.78	0.45	0.60	0.43	0.79	0.42	0.58	0.45	0.78
40PP-S2-04	0.52	0.95	0.70	1.00	0.55	0.87	0.65	0.95	0.52	0.95	0.70	1.00
40PPV-SE2-06	0.43	0.63	0.50	0.89	0.62	0.50	0.45	0.95	0.43	0.63	0.50	0.89
40PP-S2-06	0.53	0.95	0.80	1.40	0.57	1.00	0.70	1.40	0.53	0.95	0.80	1.40
40PPV-SE3-04	0.42	0.58	0.45	0.78	0.45	0.60	0.43	0.79	0.42	0.58	0.45	0.78
40PP-S3-04	0.52	0.95	0.70	1.00	0.55	0.87	0.65	0.95	0.52	0.95	0.70	1.00
40PPV-SE3-06	0.43	0.63	0.50	0.89	0.56	0.61	0.45	0.95	0.43	0.63	0.50	0.89
40PP-S3-06	0.53	0.95	0.80	1.40	0.57	1.00	0.70	1.40	0.53	0.95	0.80	1.40
40PPV-SE1-04	0.41	0.65	0.50	0.81	0.48	0.74	0.45	0.80	0.41	0.65	0.50	0.81
40PP-S1-04	0.56	0.84	0.83	1.40	0.58	1.04	0.75	1.40	0.56	0.84	0.83	1.40
40PPV-SE1-06	0.43	0.70	0.50	1.03	0.59	0.60	0.45	0.97	0.43	0.70	0.50	1.03
40PP-S1-06	0.57	0.84	0.82	1.40	0.60	1.05	0.75	1.40	0.57	0.84	0.82	1.40

Interchangeable with
CPC®- Colder PLC12 Series









40PP

Tubing Size 1/4" - 3/8"
1/4" Flow Polypropylene



MALE THREAD SOCKET

NON-VALVED	VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
40PP-S1-04	40PPV-SE1-04	1/4" NPT	1.16" (29mm)	.76" (19mm)	1.04" (26mm)
40PP-S1-06	40PPV-SE1-06	3/8" NPT	1.16" (29mm)	.76" (19mm)	1.04" (26mm)



IN-LINE HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PP-S2-04	40PPV-SE2-04	1/4" ID	6.4mm ID	1.90" (48mm)	.76" (19mm)	1.04" (26mm)
40PP-S2-06	40PPV-SE2-06	3/8" ID	9.5mm ID	1.90" (48mm)	.76" (19mm)	1.04" (26mm)



IN-LINE PTF SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PP-S9-06	40PPV-SE9-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.95" (50mm)	.76" (19mm)	1.04" (26mm)



PANEL MOUNT HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PP-S3-04	40PPV-SE3-04	1/4" ID	6.4mm ID	1.9" (48mm)	.86" (22mm)	1.04" (26mm)
40PP-S3-06	40PPV-SE3-06	3/8" ID	9.5mm ID	1.9" (48mm)	.86" (22mm)	1.04" (26mm)



PANEL MOUNT PTF SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PP-S8-06	40PPV-SE8-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.95" (50mm)	.86" (22mm)	1.04" (26mm)



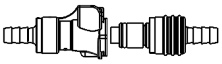
*External product dimensions are the same with or without a shut off valve

PART NUMBER GUIDE EXAMPLE:

40 PP V - PE 2 - 04

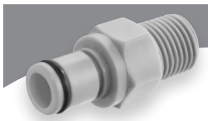
40	PP	V	PE	2	04
FLOW SIZE OR LATCH TYPE	MATERIAL	VALVE	CONFIG. AND O-RING	TYPE	CONNECTION SIZE

tel: 805-339-0055 | fax: 805-512-7130 | 3000 Bunsen Ave., Ventura, CA 93003 USA



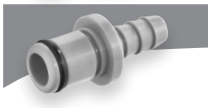
Interchangeable with
CPC®- Colder PLC12 Series

NON-VALVED



MALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
40PPX-PE1-04	1/4" NPT	1.50" (38mm)	.63" (16mm)	.63" (16mm)



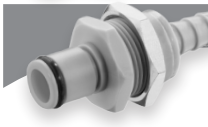
IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PP-PE2-04	1/4" ID	6.4mm ID	1.25" (32mm)	.70" (18mm)	.70" (18mm)
40PP-PE2-06	3/8" ID	9.5mm ID	1.25" (32mm)	.70" (18mm)	.70" (18mm)



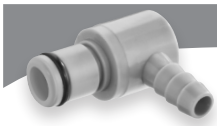
IN-LINE PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PPX-PE9-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.68" (43mm)	.63" (16mm)	.63" (16mm)



PANEL MOUNT HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PP-PE3-04	1/4" ID	6.4mm ID	1.85" (47mm)	.75" (19mm)	.75" (19mm)
40PP-PE3-06	3/8" ID	9.5mm ID	1.85" (47mm)	.75" (19mm)	.75" (19mm)



ELBOW HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PPX-PE4-04	1/4" ID	6.4mm ID	1.20" (30mm)	.63" (16mm)	1.30" (33mm)
40PPX-PE4-06	3/8" ID	9.5mm ID	1.20" (30mm)	.63" (16mm)	1.30" (33mm)



ELBOW PTF PLUG

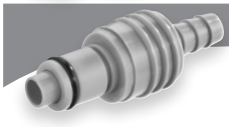
NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PPX-PE10-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.20" (30mm)	.63" (16mm)	1.30" (33mm)

VALVED



MALE THREAD PLUG

VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
40PPV-PE1-04	1/4" NPT	1.65" (42mm)	.63" (16mm)	.63" (16mm)



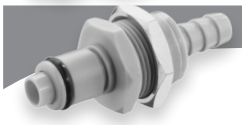
IN-LINE HOSE BARB PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PPV-PE2-04	1/4" ID	6.4mm ID	1.94" (49mm)	.70" (18mm)	.70" (18mm)
40PPV-PE2-06	3/8" ID	9.5mm ID	1.83" (46mm)	.70" (18mm)	.70" (18mm)



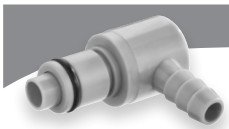
IN-LINE PTF PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PPV-PE9-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.83" (46mm)	.63" (16mm)	.63" (16mm)



PANEL MOUNT HOSE BARB PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PPV-PE3-04	1/4" ID	6.4mm ID	2.00" (51mm)	.75" (19mm)	.75" (19mm)
40PPV-PE3-06	3/8" ID	9.5mm ID	2.00" (51mm)	.75" (19mm)	.75" (19mm)



ELBOW HOSE BARB PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PPV-PE4-04	1/4" ID	6.4mm ID	1.35" (34mm)	.63" (16mm)	1.30" (33mm)
40PPV-PE4-06	3/8" ID	9.5mm ID	1.35" (34mm)	.63" (16mm)	1.30" (33mm)



ELBOW PTF PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PPV-PE10-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.35" (34mm)	.63" (16mm)	1.30" (33mm)

Tubing Size 1/4" - 3/8"
1/4" Flow Polypropylene

40PP SERIES

TUBING SIZE 1/4" - 3/8" | 1/4" FLOW POLYPROPYLENE

LEGACY ALMOND COLOR



See our website for Solid Models

PERFORMANCE RATINGS

- Operating Pressure: Vacuum to 120psi; (8.3bar)
- Temperature: 32˚F to 160˚F; (0˚C to 71˚C)
- Flow Capacity: 1/4" Size
- Sterilization: Gamma; 50 kGy irrid. max (see technical section for more detail)

MATERIALS & CONSTRUCTION

- Bodies & Terminations: Medical Grade Polypropylene
- Internal Valves: Medical Grade Polypropylene
- Internal Valve Springs: 316 Stainless Steel
- O-rings: Peroxide-cured EPDM (others available)
- Thumb-latch: Stainless Steel
- External Springs & Pins: Stainless Steel

Please contact us for cleanroom produced versions.

Interchange LinkTech Guarantee

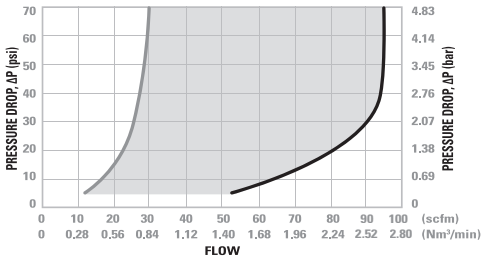
Interchangeable with *CPC®-Colder PLC Series*



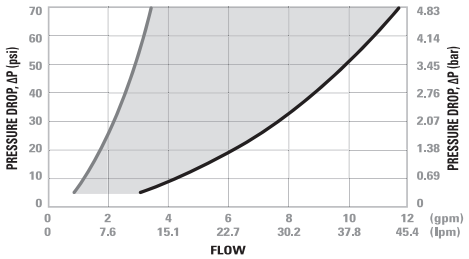
TWO STANDARD COLORS

40PP Series couplings offer 1/4" flow and are produced from medical grade gamma sterilizable polypropylene. The 40PP Series polypropylene couplings offer greater chemical resistance and they are available in both valved and non-valved configurations. These couplings are available in Legacy Almond and Modern Cool Grey colors. All 40PP couplings interconnect with all other 40AC and 40CB couplings as well as other similar industry thumb-latch type couplings.

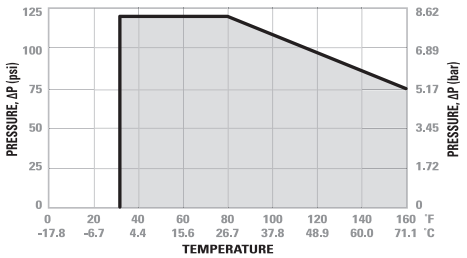
40PP Series Air Flow



40PP Series Water Flow



40PP Series Temperature



Valved Socket & Plug



Valved & Non-Valved Coupling Set



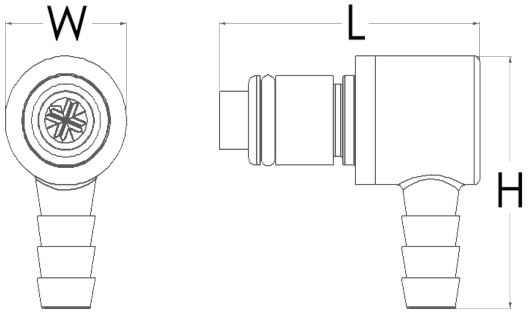
Non-Valved Socket & Plug



tel: 805-339-0055 | fax: 805-512-7130 | 3000 Bunsen Ave., Ventura, CA 93003 USA





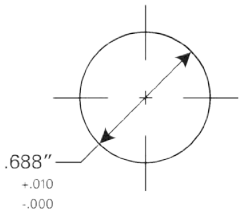


Illustrations are actual size of product.

Reference Dimensions: L = Length, W = Width, H = Height

Panel Mount Dimensions

	PANEL OPENING	MAX PANEL THICKNESS	MIN PANEL THICKNESS
SOCKETS	See Drawing	0.5"	0.05"
PLUGS	0.688"	0.3"	0.05"



PANEL NUT HEX SIZE	PANEL NUT THREAD
13/16"	11/16" - 24 UNS

PART NUMBER GUIDE EXAMPLE:

40 PP V - PE 2 - 04MALD

- 40 — FLOW SIZE OR LATCH TYPE
- PP — MATERIAL
- V — VALVE
- PE — CONFIG. AND O-RING
- 2 — TYPE
- 04 — CONNECTION SIZE
- MALD — COLOR OPTION

Flow Rates

The data below shows the liquid flow rates for LinkTech couplings. Each coupling combination was tested at 70° F (21°C).

Specific coupling combination flow rates can be determined by using this formula:

$$Q = C_v \sqrt{\frac{\Delta P}{S}}$$

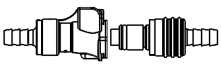
Q = Flow rate in gallons per minute
C_v = Average flow rates (see chart)
ΔP = Pressure drop across coupling (psi)
S = Specific gravity of liquid.

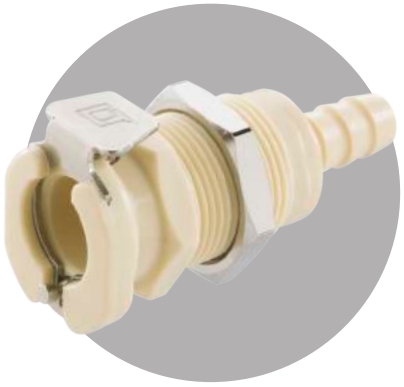
C_v Values for 40PP Series Couplings

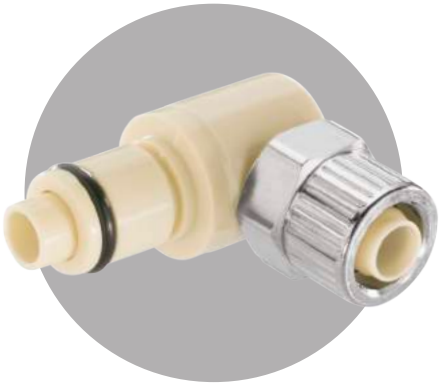
SOCKETS	40PPV-PE2-04MALD	40PP-PE2-04MALD	40PPV-PE2-06MALD	40PP-PE2-06MALD	40PPV-PE9-06MALD	40PPX-PE9-06MALD	40PPV-PE1-04MALD	40PPX-PE1-04MALD	40PPV-PE3-04MALD	40PP-PE3-04MALD	40PPV-PE3-06MALD	40PP-PE3-06MALD
40PPV-SE2-04MALD	0.42	0.58	0.45	0.78	0.45	0.60	0.43	0.79	0.42	0.58	0.45	0.78
40PP-S2-04MALD	0.52	0.95	0.70	1.00	0.55	0.87	0.65	0.95	0.52	0.95	0.70	1.00
40PPV-SE2-06MALD	0.43	0.63	0.50	0.89	0.62	0.50	0.45	0.95	0.43	0.63	0.50	0.89
40PP-S2-06MALD	0.53	0.95	0.80	1.40	0.57	1.00	0.70	1.40	0.53	0.95	0.80	1.40
40PPV-SE3-04MALD	0.42	0.58	0.45	0.78	0.45	0.60	0.43	0.79	0.42	0.58	0.45	0.78
40PP-S3-04MALD	0.52	0.95	0.70	1.00	0.55	0.87	0.65	0.95	0.52	0.95	0.70	1.00
40PPV-SE3-06MALD	0.43	0.63	0.50	0.89	0.56	0.61	0.45	0.95	0.43	0.63	0.50	0.89
40PP-S3-06MALD	0.53	0.95	0.80	1.40	0.57	1.00	0.70	1.40	0.53	0.95	0.80	1.40
40PPV-SE1-04MALD	0.41	0.65	0.50	0.81	0.48	0.74	0.45	0.80	0.41	0.65	0.50	0.81
40PP-S1-04MALD	0.56	0.84	0.83	1.40	0.58	1.04	0.75	1.40	0.56	0.84	0.83	1.40
40PPV-SE1-06MALD	0.43	0.70	0.50	1.03	0.59	0.60	0.45	0.97	0.43	0.70	0.50	1.03
40PP-S1-06MALD	0.57	0.84	0.82	1.40	0.60	1.05	0.75	1.40	0.57	0.84	0.82	1.40

***MALD denotes Almond coupling color**

Interchangeable with
CPC®- Colder PLC12 Series









40PP

Tubing Size 1/4" - 3/8"
1/4" Flow Polypropylene



MALE THREAD SOCKET

NON-VALVED	VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
40PP-S1-04MALD	40PPV-SE1-04MALD	1/4" NPT	1.16" (29mm)	.76" (19mm)	1.04" (26mm)
40PP-S1-06MALD	40PPV-SE1-06MALD	3/8" NPT	1.16" (29mm)	.76" (19mm)	1.04" (26mm)



IN-LINE HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PP-S2-04MALD	40PPV-SE2-04MALD	1/4" ID	6.4mm ID	1.90" (48mm)	.76" (19mm)	1.04" (26mm)
40PP-S2-06MALD	40PPV-SE2-06MALD	3/8" ID	9.5mm ID	1.90" (48mm)	.76" (19mm)	1.04" (26mm)



IN-LINE PTF SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PP-S9-06MALD	40PPV-SE9-06MALD	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.95" (50mm)	.76" (19mm)	1.04" (26mm)



PANEL MOUNT HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PP-S3-04MALD	40PPV-SE3-04MALD	1/4" ID	6.4mm ID	1.9" (48mm)	.86" (22mm)	1.04" (26mm)
40PP-S3-06MALD	40PPV-SE3-06MALD	3/8" ID	9.5mm ID	1.9" (48mm)	.86" (22mm)	1.04" (26mm)



PANEL MOUNT PTF SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PP-S8-06MALD	40PPV-SE8-06MALD	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.95" (50mm)	.86" (22mm)	1.04" (26mm)



*External product dimensions are the same with or without a shut off valve

PART NUMBER GUIDE EXAMPLE:

40 PP V - PE 2 - 04MALD

- 40 — FLOW SIZE OR LATCH TYPE
- PP — MATERIAL
- V — VALVE
- PE — CONFIG. AND O-RING
- 2 — TYPE
- 04MALD — CONNECTION SIZE
- 04MALD — COLOR OPTION

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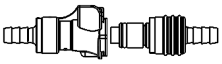


Interchangeable with
CPC®- Colder PLC12 Series

NON-VALVED



MALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
40PPX-PE1-04MALD	1/4" NPT	1.50" (38mm)	.63" (16mm)	.63" (16mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PP-PE2-04MALD	1/4" ID	6.4mm ID	1.25" (32mm)	.70" (18mm)	.70" (18mm)
40PP-PE2-06MALD	3/8" ID	9.5mm ID	1.25" (32mm)	.70" (18mm)	.70" (18mm)



IN-LINE PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PPX-PE9-06MALD	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.68" (43mm)	.63" (16mm)	.63" (16mm)



PANEL MOUNT HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PP-PE3-04MALD	1/4" ID	6.4mm ID	1.85" (47mm)	.75" (19mm)	.75" (19mm)
40PP-PE3-06MALD	3/8" ID	9.5mm ID	1.85" (47mm)	.75" (19mm)	.75" (19mm)



ELBOW HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PPX-PE4-04MALD	1/4" ID	6.4mm ID	1.20" (30mm)	.63" (16mm)	1.30" (33mm)
40PPX-PE4-06MALD	3/8" ID	9.5mm ID	1.20" (30mm)	.63" (16mm)	1.30" (33mm)



ELBOW PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PPX-PE10-06MALD	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.20" (30mm)	.63" (16mm)	1.30" (33mm)

VALVED



MALE THREAD PLUG

VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
40PPV-PE1-04MALD	1/4" NPT	1.65" (42mm)	.63" (16mm)	.63" (16mm)



IN-LINE HOSE BARB PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PPV-PE2-04MALD	1/4" ID	6.4mm ID	1.94" (49mm)	.70" (18mm)	.70" (18mm)
40PPV-PE2-06MALD	3/8" ID	9.5mm ID	1.83" (46mm)	.70" (18mm)	.70" (18mm)



IN-LINE PTF PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PPV-PE9-06MALD	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.83" (46mm)	.63" (16mm)	.63" (16mm)



PANEL MOUNT HOSE BARB PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PPV-PE3-04MALD	1/4" ID	6.4mm ID	2.00" (51mm)	.75" (19mm)	.75" (19mm)
40PPV-PE3-06MALD	3/8" ID	9.5mm ID	2.00" (51mm)	.75" (19mm)	.75" (19mm)



ELBOW HOSE BARB PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PPV-PE4-04MALD	1/4" ID	6.4mm ID	1.35" (34mm)	.63" (16mm)	1.30" (33mm)
40PPV-PE4-06MALD	3/8" ID	9.5mm ID	1.35" (34mm)	.63" (16mm)	1.30" (33mm)



ELBOW PTF PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40PPV-PE10-06MALD	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.35" (34mm)	.63" (16mm)	1.30" (33mm)

40CB SERIES

TUBING SIZE 1/4" - 3/8" | 1/4" FLOW CHROME BRASS



See our website for Solid Models

PERFORMANCE RATINGS

- Operating Pressure: Vacuum to 250psi; (17.3bar)
- Temperature: -40˚F to 180˚F; (-40˚C to 82˚C)
- Flow Capacity: 1/4" Size

MATERIALS & CONSTRUCTION

- Bodies & Terminations: Food Grade Chrome/Brass
- Internal Valves: Acetal (POM)
- Internal Valve Springs: 316 Stainless Steel
- O-rings: Buna-N (others available)
- Thumb-latch: Stainless Steel
- External Springs & Pins: Stainless Steel

LEGACY METAL LATCH

Produced in food grade chrome plated brass, these 1/4" flow size couplings are more durable and withstand higher pressures. They are available with internal shut-off valves or straight through. All 40CB couplings interconnect with all other 40AC and 40PP couplings as well as other similar industry thumb-latch type couplings.

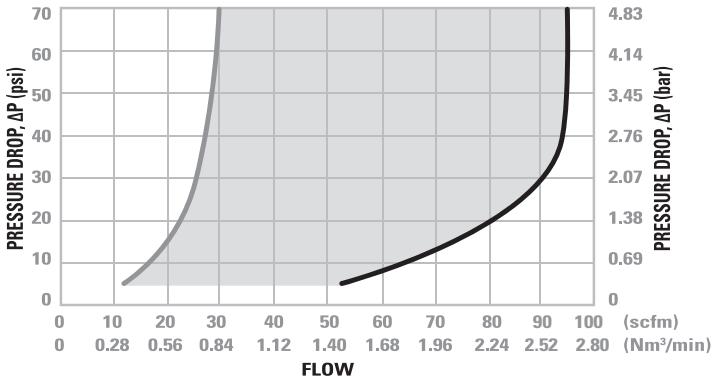
Please contact us for NSF compliant and cleanroom produced versions.

Interchangeable with

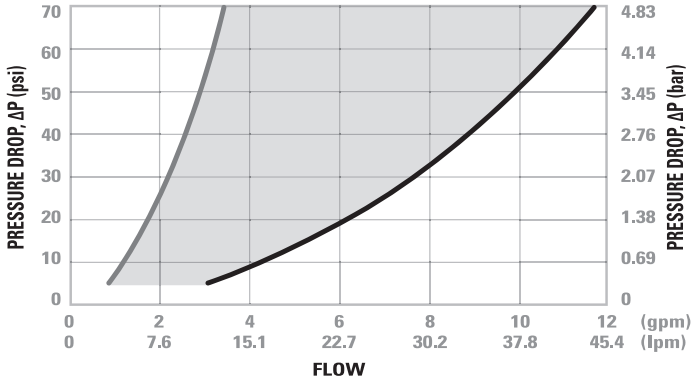
CPC®- Colder LC Series



40CB Series Air Flow



40CB Series Water Flow



Valved Socket & Plug



Valved & Non-Valved Coupling Set



Non-Valved Socket & Plug



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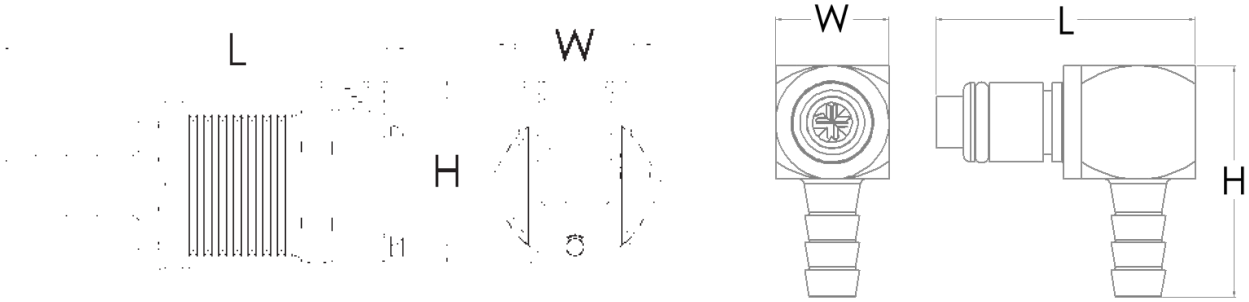
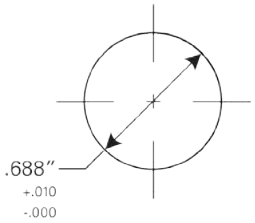


**Illustrations are actual size of product.*

Reference Dimensions: L = Length, W = Width, H = Height

Panel Mount Dimensions

	PANEL OPENING	MAX PANEL THICKNESS	MIN PANEL THICKNESS
SOCKETS	0.688"	0.5"	0.05"
PLUGS	0.688"	0.3"	0.05"



PANEL NUT HEX SIZE	PANEL NUT THREAD
13/16"	11/16" - 24 UNS

PART NUMBER GUIDE EXAMPLE:

40 CB V - PB 2 - 04

- 40 — FLOW SIZE OR LATCH TYPE
- CB — MATERIAL
- V — VALVE
- PB — CONFIG. AND O-RING
- 2 — TYPE
- 04 — CONNECTION SIZE

Flow Rates

The data below shows the liquid flow rates for LinkTech couplings. Each coupling combination was tested at 70° F (21°C).

Specific coupling combination flow rates can be determined by using this formula:

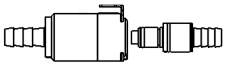
$$Q = C_v \sqrt{\frac{\Delta P}{S}}$$

Q = Flow rate in gallons per minute
C_v = Average flow rates (see chart)
ΔP = Pressure drop across coupling (psi)
S = Specific gravity of liquid.

C_v Values for 40CB Series Couplings

SOCKETS	40CBV-PB2-04	40CB-PB2-04	40CBV-PB2-06	40CB-PB2-06	40CBV-PB9-04	40CB-PB9-04	40CBV-PB9-06	40CB-PB9-06	40CBV-PB1-04	40CB-PB1-04	40CBV-PB1-06	40CB-PB1-06
40CBV-SB2-04	0.42	0.58	0.45	0.78	0.31	0.38	0.45	0.60	0.43	0.79	0.45	0.75
40CB-S2-04	0.52	0.95	0.70	1.00	0.38	0.39	0.55	0.87	0.65	0.95	0.65	1.00
40CBV-SB2-06	0.43	0.63	0.50	0.89	0.33	0.39	0.62	0.50	0.45	0.95	0.50	0.92
40CB-S2-06	0.53	0.95	0.8 0	1.40	0.38	0.39	0.57	1.00	0.70	1.40	0.73	1.40
40CBV-SB3-04	0.42	0.58	0.45	0.78	0.31	0.38	0.45	0.60	0.43	0.79	0.45	0.75
40CB-S3-04	0.52	0.95	0.70	1.00	0.38	0.39	0.55	0.87	0.65	0.95	0.65	1.00
40CBV-SB3-06	0.43	0.63	0.50	0.89	0.33	0.39	0.56	0.61	0.45	0.95	0.50	0.92
40CB-S3-06	0.53	0.95	0.80	1.40	0.38	0.39	0.57	1.00	0.70	1.40	0.73	1.40
40CBV-SB1-04	0.41	0.65	0.50	0.81	0.31	0.35	0.48	0.74	0.45	0.80	0.45	0.80
40CB-S1-04	0.56	0.84	0.83	1.40	0.35	0.40	0.58	1.04	0.75	1.40	0.78	1.40
40CBV-SB1-06	0.43	0.70	0.50	1.03	0.30	0.36	0.59	0.60	0.45	0.97	0.48	1.00
40CB-S1-06	0.57	0.84	0.82	1.40	0.35	0.40	0.60	1.05	0.75	1.40	0.75	1.40

Interchangeable with
CPC®- Colder LC Series









40CB

Tubing Size 1/4" - 3/8"
1/4" Flow Chrome Brass



MALE THREAD SOCKET

NON-VALVED	VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
40CB-S1-04	40CBV-SB1-04	1/4" NPT	1.15" (29 mm)	0.86" (22mm)	0.9" (23mm)
40CB-S1-04BSPT	40CBV-SB1-04BSPT	1/4" BSPT	1.15" (29 mm)	0.86" (22mm)	0.9" (23mm)
40CB-S1-06	40CBV-SB1-06	3/8" NPT	1.15" (29 mm)	0.86" (22mm)	0.9" (23mm)
40CB-S1-06BSPT	40CBV-SB1-06BSPT	3/8" BSPT	1.15" (29 mm)	0.86" (22mm)	0.9" (23mm)



IN-LINE HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40CB-S2-04	40CBV-SB2-04	1/4" ID	6.4mm ID	1.95" (50mm)	.75" (19mm)	.90" (23mm)
40CB-S2-05	40CBV-SB2-05	5/16" ID	7.9mm ID	2.0" (51mm)	.75" (19mm)	.90" (23mm)
40CB-S2-06	40CBV-SB2-06	3/8" ID	9.5mm ID	2.0" (51mm)	.75" (19mm)	.90" (23mm)



IN-LINE PTF SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40CB-S9-04	40CBV-SB9-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.87" (47mm)	.75" (19mm)	.90" (23mm)
40CB-S9-06	40CBV-SB9-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.95" (50mm)	.75" (19mm)	.90" (23mm)



PANEL MOUNT HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40CB-S3-04	40CBV-SB3-04	1/4" ID	6.4mm ID	1.95" (50mm)	.86" (22mm)	.90" (23mm)
40CB-S3-05	40CBV-SB3-05	5/16" ID	7.9mm ID	2.0" (51mm)	.86" (22mm)	.90" (23mm)
40CB-S3-06	40CBV-SB3-06	3/8" ID	9.5mm ID	2.0" (51mm)	.86" (22mm)	.90" (23mm)

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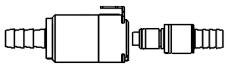


Interchangeable with
CPC®- Colder LC Series



PANEL MOUNT PTF SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40CB-S8-04	40CBV-SB8-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.87" (47mm)	.86" (22mm)	.90" (23mm)
40CB-S8-06	40CBV-SB8-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.95" (50mm)	.86" (22mm)	.90" (23mm)



PANEL MOUNT MALE THREAD SOCKET

NON-VALVED	VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
40CB-S12-04	40CBV-SB12-04	1/4" NPT	.87" (22mm)	.90" (23mm)	.80" (20mm)



FEMALE THREAD SOCKET

NON-VALVED	VALVED	THREAD SIZE	L(NV/V)	WIDTH	HEIGHT
40CB-S13-04	40CBV-SB13-04	1/4" NPT	1.15'' (29mm) / 1.68'' (43mm)	0.87" (22mm)	0.9" (23mm)



MALE THREAD SOCKET (GASKET SEAL INCLUDED)

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
40CB-S3557	15/16-27	1.23" (31mm)	.95" (24mm)	.99" (25mm)
40CB-S3562	M24 X 1	1.23" (31mm)	.95" (24mm)	.99" (25mm)



FEMALE THREAD SOCKET (GASKET SEAL INCLUDED)

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
40CB-S3559	55/64-27	1.21" (31mm)	.97" (25mm)	1.01" (26mm)
40CB-S3564	M22 X 1	1.21" (31mm)	.97" (25mm)	1.01" (26mm)



*External product dimensions are the same with or without a shut off valve

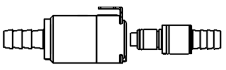
PART NUMBER GUIDE EXAMPLE:

40 CB V - PB 2 - 04

40	CB	V	PB	2	04
FLOW SIZE OR LATCH TYPE	MATERIAL	VALVE	CONFIG. AND O-RING	TYPE	CONNECTION SIZE

Tubing Size 1/4" - 3/8"
1/4" Flow Chrome Brass

Interchangeable with
CPC®- Colder LC Series



NON-VALVED



MALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
40CB-PB1-04	1/4" NPT	1.25'' (32mm)	.63" (16mm)	.63" (16mm)
40CB-PB1-04BSPT	1/4" BSPT	1.25'' (32mm)	.63" (16mm)	.63" (16mm)
40CB-PB1-06	3/8" NPT	1.25'' (32mm)	.75" (19mm)	.75" (19mm)
40CB-PB1-06BSPT	3/8" BSPT	1.25'' (32mm)	.75" (19mm)	.75" (19mm)



FEMALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
40CB-PB13-04	1/4" NPT	1.25'' (32mm)	.63" (16mm)	.63" (16mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40CB-PB2-04	1/4" ID	6.4mm ID	1.30'' (33mm)	.63" (16mm)	.63" (16mm)
40CB-PB2-05	5/16" ID	7.9mm ID	1.30'' (33mm)	.63" (16mm)	.63" (16mm)
40CB-PB2-06	3/8" ID	9.5mm ID	1.30'' (33mm)	.63" (16mm)	.63" (16mm)



IN-LINE PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40CB-PB9-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.21'' (31mm)	.63" (16mm)	.63" (16mm)
40CB-PB9-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.34'' (34mm)	.63" (16mm)	.63" (16mm)



PANEL MOUNT HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40CB-PB3-04	1/4" ID	6.4mm ID	1.92'' (49mm)	.75" (19mm)	.75" (19mm)
40CB-PB3-05	5/16" ID	7.9mm ID	1.96'' (50mm)	.75" (19mm)	.75" (19mm)
40CB-PB3-06	3/8" ID	9.5mm ID	1.94'' (49mm)	.75" (19mm)	.75" (19mm)



PANEL MOUNT PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40CB-PB8-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.82" (46mm)	.75" (19mm)	.75" (19mm)
40CB-PB8-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.91'' (49mm)	.75" (19mm)	.75" (19mm)



ELBOW HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40CB-PB4-04	1/4" ID	6.4mm ID	1.28'' (33mm)	.63" (16mm)	1.28" (33mm)
40CB-PB4-06	3/8" ID	9.5mm ID	1.28'' (33mm)	.63" (16mm)	1.28" (33mm)



ELBOW PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40CB-PB10-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.29'' (33mm)	.63" (16mm)	1.28" (33mm)
40CB-PB10-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.29'' (33mm)	.63" (16mm)	1.28" (33mm)

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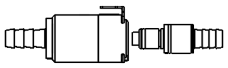


Interchangeable with
CPC®- Colder LC Series

VALVED



MALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
40CBV-PB1-04	1/4" NPT	1.55'' (39mm)	.63" (16mm)	.63" (16mm)
40CBV-PB1-04BSPT	1/4" BSPT	1.55'' (39mm)	.63" (16mm)	.63" (16mm)
40CBV-PB1-06	3/8" NPT	1.55'' (39mm)	.75" (19mm)	.75" (19mm)
40CBV-PB1-06BSPT	3/8" BSPT	1.55'' (39mm)	.75" (19mm)	.75" (19mm)



FEMALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
40CBV-PB13-04	1/4" NPT	1.90'' (48mm)	.63" (16mm)	.63" (16mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40CBV-PB2-04	1/4" ID	6.4mm ID	1.85'' (47mm)	.63" (16mm)	.63" (16mm)
40CBV-PB2-05	5/16" ID	7.9mm ID	1.85'' (47mm)	.63" (16mm)	.63" (16mm)
40CBV-PB2-06	3/8" ID	9.5mm ID	1.85'' (47mm)	.63" (16mm)	.63" (16mm)



IN-LINE PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40CBV-PB9-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.92'' (49mm)	.63" (16mm)	.63" (16mm)
40CBV-PB9-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	2.05'' (52mm)	.63" (16mm)	.63" (16mm)



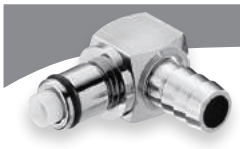
PANEL MOUNT HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40CBV-PB3-04	1/4" ID	6.4mm ID	2.06'' (52mm)	.75" (19mm)	.75" (19mm)
40CBV-PB3-05	5/16" ID	7.9mm ID	2.10'' (53mm)	.75" (19mm)	.75" (19mm)
40CBV-PB3-06	3/8" ID	9.5mm ID	2.08'' (53mm)	.75" (19mm)	.75" (19mm)



PANEL MOUNT PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40CBV-PB8-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.95'' (50mm)	.75" (19mm)	.75" (19mm)
40CBV-PB8-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	2.05'' (52mm)	.75" (19mm)	.75" (19mm)



ELBOW HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40CBV-PB4-04	1/4" ID	6.4mm ID	1.43'' (36mm)	.63" (16mm)	1.28" (33mm)
40CBV-PB4-06	3/8" ID	9.5mm ID	1.43'' (36mm)	.63" (16mm)	1.28" (33mm)



ELBOW PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
40CBV-PB10-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.43'' (36mm)	.63" (16mm)	1.28" (33mm)
40CBV-PB10-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.43'' (36mm)	.63" (16mm)	1.28" (33mm)

Tubing Size 1/4" - 3/8"
1/4" Flow Chrome Brass

42AB SERIES

TUBING SIZE 1/8" | 3/32" FLOW ABS MATERIAL



PERFORMANCE RATINGS

- Operating Pressure: Vacuum to 120psi; (8.3bar)
- Temperature: -40°F to 180°F; (-40°C to 82°C)
- Flow Capacity: 3/32" Size

MATERIALS & CONSTRUCTION

- Bodies & Terminations: Medical Grade ABS
- O-rings: Buna-N
- Thumb-latch: Stainless Steel
- External Springs & Pins: Stainless Steel

See our website for Solid Models

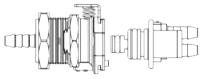
DUAL TUBE TECHNOLOGY

42AB Series Dual Tube couplings offer 3/32" flow capacity and are manufactured from medical grade thermoplastic ABS material. The dual free flow path technology allows two separate fluid lines to run simultaneously all in one coupling. The thumb-latch release creates a simple one hand disconnection, for a quick disconnect, free rotating coupling. 42AB Dual Tube couplings interconnect with other similar industry Twin thumb-latch type couplings.

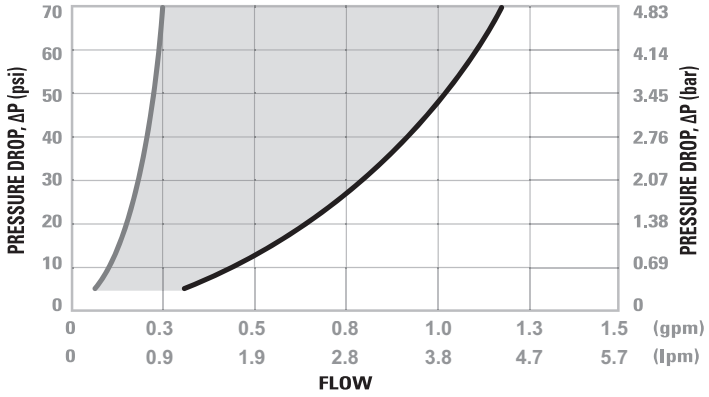
Please contact us for cleanroom produced versions.

Interchangeable with

CPC® Colder Twin Tube™ Series



42AB Series Water Flow



Valved Socket & Plug



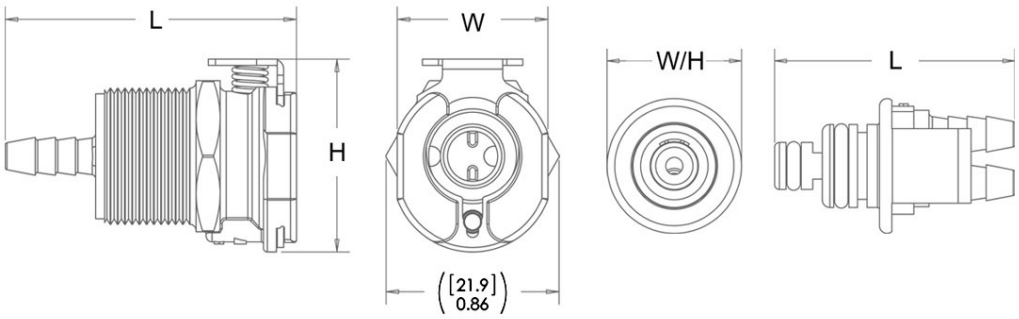
Valved & Non-Valved Coupling Set



Non-Valved Socket & Plug



tel: 805-339-0055 | fax: 805-512-7130 | 3000 Bunsen Ave., Ventura, CA 93003 USA

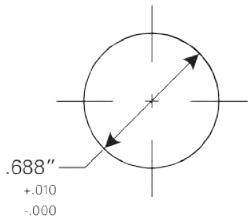


**Illustrations are actual size of product.*

Reference Dimensions: L = Length, W = Width, H = Height

Panel Mount Dimensions

PANEL NUT HEX SIZE	PANEL NUT THREAD
13/16"	11/16" - 24 UNS



42AB

Tubing Size 1/8" 3/32" Flow ABS Material



PANEL MOUNT HOSE BARB SOCKET

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
42AB-S3-02	1/8" ID	3.2mm ID	1.45" (37mm)	0.75" (19mm)	1.00" (25mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
42AB-PB2-02	1/8" ID	3.2mm ID	1.26" (32mm)	0.70" (18mm)	0.70" (18mm)

50AC SERIES

TUBING SIZE 1/4" - 3/8" | 1/4" FLOW ACETAL (POM)



PERFORMANCE RATINGS

- Operating Pressure: Vacuum to 120psi; (8.3bar)
- Temperature: -40˚F to 180˚F; (-40˚C to 82˚C)
- Flow Capacity: 1/4" Size

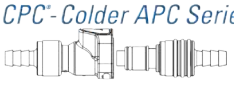
MATERIALS & CONSTRUCTION

- Bodies & Terminations: Acetal (POM)
- Internal Valves: Acetal (POM)
- Internal Valve Springs: 316 Stainless Steel
- Latch Spring: Stainless Steel
- O-rings: Buna-N (others available)
- Thumb-latch: Acetal (POM)

See our website for Solid Models

Please contact us for NSF compliant and cleanroom produced versions.

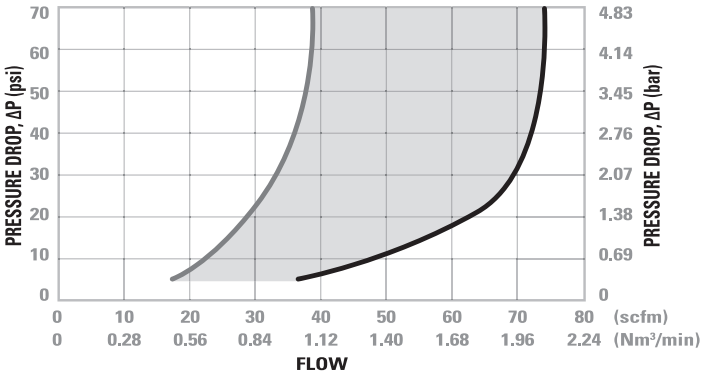
Interchangeable with *CPC®-Colder APC Series*



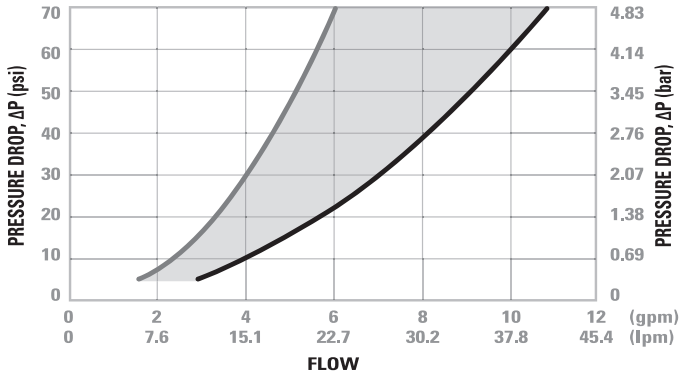
LEGACY METAL LATCH

These 1/4" flow size couplings are produced in a durable natural Acetal (POM) thermoplastic. They feature a more durable plastic thumb-latch design. They are available in both valved and non-valved configurations. All 50AC couplings interconnect with all other 50PP and 50GP couplings as well as other similar industry thumb-latch type couplings.

50AC Series Air Flow



50AC Series Water Flow



Valved Socket & Plug



Valved & Non-Valved Coupling Set



Non-Valved Socket & Plug



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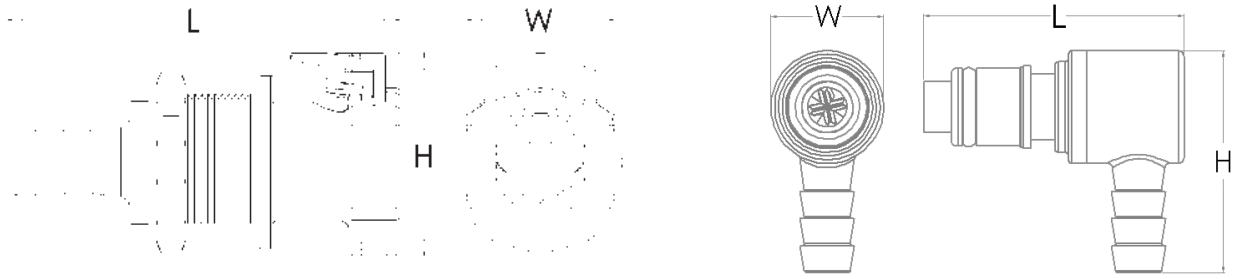
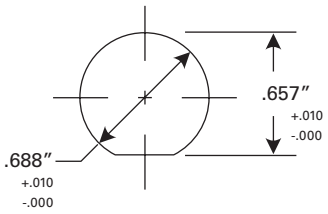


**Illustrations are actual size of product.*

Reference Dimensions: L = Length, W = Width, H = Height

Panel Mount Dimensions

	PANEL OPENING	MAX PANEL THICKNESS	MIN PANEL THICKNESS
SOCKETS	See Drawing	0.5"	0.05"
PLUGS	0.688"	0.3"	0.05"



PANEL NUT HEX SIZE	PANEL NUT THREAD
13/16"	11/16" - 24 UNS

PART NUMBER GUIDE EXAMPLE:

50 AC V - PB 2 - 04

- 50: FLOW SIZE OR LATCH TYPE
- AC: MATERIAL
- V: VALVE
- PB: CONFIG. AND O-RING
- 2: TYPE
- 04: CONNECTION SIZE

Flow Rates

The data below shows the liquid flow rates for LinkTech couplings. Each coupling combination was tested at 70° F (21°C).

Specific coupling combination flow rates can be determined by using this formula:

$$Q = C_v \sqrt{\frac{\Delta P}{S}}$$

Q = Flow rate in gallons per minute
C_v = Average flow rates (see chart)
ΔP = Pressure drop across coupling (psi)
S = Specific gravity of liquid.

C_v Values for 50AC Series Couplings

SOCKETS	50ACV-PB2-04	50AC-PB2-04	50ACV-PB2-06	50AC-PB2-06	50ACV-PB9-04	50AC-PB9-04	50ACV-PB9-06	50AC-PB9-06	50ACV-PB1-04	50AC-PB1-04	50ACV-PB1-06	50AC-PB1-06
50ACV-SB2-04	0.42	0.58	0.45	0.78	0.31	0.38	0.45	0.60	0.43	0.79	0.45	0.75
50AC-S2-04	0.52	0.95	0.70	1.00	0.38	0.39	0.55	0.87	0.65	0.95	0.65	1.00
50ACV-SB2-06	0.43	1.30	0.50	0.89	0.33	0.39	0.62	1.20	0.45	0.95	0.50	0.92
50AC-S2-06	0.53	1.40	0.80	1.40	0.38	0.39	0.57	1.00	0.70	2.00	0.73	1.90
50ACV-SB3-04	0.42	0.58	0.45	0.78	0.31	0.38	0.45	0.60	0.43	0.79	0.45	0.75
50AC-S3-04	0.52	0.95	0.70	1.00	0.38	0.39	0.55	0.87	0.65	0.95	0.65	1.00
50ACV-SB3-06	0.43	0.63	0.50	0.89	0.33	0.39	0.62	0.50	0.45	0.95	0.50	0.92
50AC-S3-06	0.53	0.95	0.80	1.40	0.38	0.39	0.57	1.00	0.70	1.40	0.73	1.40
50ACV-SB1-04	0.41	0.65	0.50	0.81	0.31	0.35	0.48	0.74	0.45	0.80	0.45	0.80
50AC-S1-04	0.56	0.84	0.83	2.00	0.35	0.40	0.58	1.04	0.75	1.90	0.78	1.40
50ACV-SB1-06	0.43	0.70	0.50	1.03	0.30	0.36	0.70	1.30	0.45	0.97	0.48	1.00
50AC-S1-06	0.57	0.84	0.82	1.40	0.35	0.40	0.60	1.05	0.75	2.00	0.75	1.40

Interchangeable with
CPC®- Colder APC Series



50AC

Tubing Size 1/4" - 3/8" 1/4" Flow Acetal (POM)



MALE THREAD SOCKET

NON-VALVED	VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
50AC-S1-04	50ACV-SB1-04	1/4" NPT	1.4" (36mm)	.75" (19mm)	.94" (24mm)
50AC-S1-06	50ACV-SB1-06	3/8" NPT	1.4" (36mm)	.75" (19mm)	.94" (24mm)



MALE THREAD SOCKET, WITH LATCH GUARD

NON-VALVED	VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
50AC-S35107	50ACV-S35107	1/4" NPT	1.4" (36mm)	.75" (19mm)	.94" (24mm)



IN-LINE HOSE BARB SOCKET, SHORT BODY

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50AC-S2-04	1/4" ID	6.4mm ID	1.35" (34mm)	.75" (19mm)	.94" (24mm)
50AC-S2-06	3/8" ID	9.5mm ID	1.35" (34mm)	.75" (19mm)	.94" (24mm)



IN-LINE HOSE BARB SOCKET, LONG BODY

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50AC-S2-04LB	50ACV-SB2-04	1/4" ID	6.4mm ID	2.02" (51mm)	.75" (19mm)	.94" (24mm)
50AC-S2-05LB	50ACV-SB2-05	5/16"	7.9mm ID	2.02" (51mm)	.75" (19mm)	.94" (24mm)
50AC-S2-06LB	50ACV-SB2-06	3/8" ID	9.5mm ID	2.02" (51mm)	.75" (19mm)	.94" (24mm)

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IN-LINE PTF SOCKET, LONG BODY

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50AC-S9-04LB	50ACV-SB9-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.95" (50mm)	.75" (19mm)	.93" (24mm)
50AC-S9-06LB	50ACV-SB9-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	2.05" (52mm)	.75" (19mm)	.93" (24mm)



PANEL MOUNT HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50AC-S3-04	50ACV-SB3-04	1/4" ID	6.4mm ID	2.1" (53mm)	.90" (23mm)	1.05" (27mm)
50AC-S3-05	50ACV-SB3-05	5/16" ID	7.9mm ID	2.1" (53mm)	.90" (23mm)	1.05" (27mm)
50AC-S3-06	50ACV-SB3-06	3/8" ID	9.5mm ID	2.1" (53mm)	.90" (23mm)	1.05" (27mm)



PANEL MOUNT PTF SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50AC-S8-04	50ACV-SB8-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.97" (50mm)	.90" (23mm)	1.05" (27mm)
50AC-S8-06	50ACV-SB8-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	2.1" (53mm)	.90" (23mm)	1.05" (27mm)



IN-LINE PUSH-IN SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50AC-S17-04	50ACV-SB17-04	1/4" OD	6.4mm OD	2.06" (52mm)	.76" (19mm)	.94" (24mm)



PANEL MOUNT PUSH-IN SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50AC-S18-04	50ACV-SB18-04	1/4" OD	6.4mm OD	2.09" (53mm)	.87" (22mm)	1.05" (27mm)



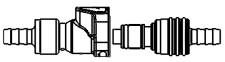
*External product dimensions are the same with or without a shut off valve

PART NUMBER GUIDE EXAMPLE:

50 AC V - PB 2 - 04

- 50 — FLOW SIZE OR LATCH TYPE
- AC — MATERIAL
- V — VALVE
- PB — CONFIG. AND O-RING
- 2 — TYPE
- 04 — CONNECTION SIZE

Interchangeable with
CPC®- Colder APC Series



NON-VALVED



MALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
50AC-PB1-04	1/4" NPT	1.40'' (36mm)	.55" (14mm)	.55" (14mm)
50AC-PB1-06	3/8" NPT	1.40'' (36mm)	.75" (19mm)	.75" (19mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50AC-PB2-04	1/4" ID	6.4mm ID	1.35'' (34mm)	.70" (18mm)	.70" (18mm)
50AC-PB2-05	5/16" ID	7.9mm ID	1.93'' (49mm)	.70" (18mm)	.70" (18mm)
50AC-PB2-06	3/8" ID	9.5mm ID	1.35'' (34mm)	.70" (18mm)	.70" (18mm)



IN-LINE PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50AC-PB9-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.80'' (46mm)	.63" (16mm)	.63" (16mm)
50AC-PB9-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.74'' (44mm)	.63" (16mm)	.63" (16mm)



ELBOW HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50AC-PB4-04	1/4" ID	6.4mm ID	1.20'' (30mm)	.63" (16mm)	1.28" (33mm)
50AC-PB4-06	3/8" ID	9.5mm ID	1.20'' (30mm)	.63" (16mm)	1.28" (33mm)



ELBOW PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50ACX-PB10-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.33'' (34mm)	.63" (16mm)	1.15" (29mm)
50AC-PB10-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.34'' (34mm)	.63" (16mm)	1.30" (33mm)



IN-LINE PUSH-IN PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50AC-PB17-04	1/4" OD	6.4mm OD	1.91'' (49mm)	.70" (18mm)	.70" (18mm)

PART NUMBER GUIDE EXAMPLE:

50 AC V - PB 2 - 04

50	AC	V	PB	2	04
FLOW SIZE OR LATCH TYPE	MATERIAL	VALVE	CONFIG. AND O-RING	TYPE	CONNECTION SIZE

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VALVED



MALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
50ACV-PB1-04	1/4" NPT	1.75'' (44mm)	.55" (14mm)	.55" (14mm)
50ACV-PB1-06	3/8" NPT	1.60'' (41mm)	.75" (19mm)	.75" (19mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50ACV-PB2-04	1/4" ID	6.4mm ID	2.05'' (52mm)	.70" (18mm)	.70" (18mm)
50ACV-PB2-05	5/16" ID	7.9mm ID	2.05'' (52mm)	.70" (18mm)	.70" (18mm)
50ACV-PB2-06	3/8" ID	9.5mm ID	1.90'' (48mm)	.70" (18mm)	.70" (18mm)



IN-LINE PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50ACV-PB9-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.96'' (50mm)	.63" (16mm)	.63" (16mm)
50ACV-PB9-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.89'' (48mm)	.63" (16mm)	.63" (16mm)



ELBOW HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50ACV-PB4-04	1/4" ID	6.4mm ID	1.45'' (37mm)	.63" (16mm)	1.28" (33mm)
50ACV-PB4-06	3/8" ID	9.5mm ID	1.48'' (38mm)	.63" (16mm)	1.28" (33mm)



ELBOW PTF PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50ACV-PB10-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.48'' (38mm)	.63" (16mm)	1.15" (29mm)
50ACV-PB10-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	1.50'' (38mm)	.63" (16mm)	1.30" (33mm)



IN-LINE PUSH-IN PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50ACV-PB17-04	1/4" OD	6.4mm OD	2.08'' (53mm)	.70" (18mm)	.70" (18mm)

Tubing Size 1/4" - 3/8"
1/4" Flow Acetal (POM)

50PP SERIES

TUBING SIZE 1/4" - 3/8" | 1/4" FLOW POLYPROPYLENE



PERFORMANCE RATINGS

- Operating Pressure: Vacuum to 100 psi; (7.2bar)
- Temperature: 32°F to 160°F (0°C to 71°C)
- Flow Capacity: 1/4" Size

MATERIALS & CONSTRUCTION

- Bodies & Terminations: Medical Grade Polypropylene
- Internal Valves: Medical Grade Polypropylene
- Internal Valve Springs: 316 Stainless Steel
- Latch Spring: Stainless Steel
- O-rings: Peroxide-cured EPDM (others available)
- Thumb-latch: Medical Grade Polypro.

See our website for Solid Models

ADVANCED PLASTIC LATCH

50PP Series couplings offer 1/4" flow and are produced from medical grade gamma sterilizable polypropylene. The 50PP Series polypropylene couplings offer greater chemical resistance and they are available in both valved and non-valved configurations. All 50PP couplings interconnect with all other 50 Series couplings as well as other similar industry thumb-latch type couplings.

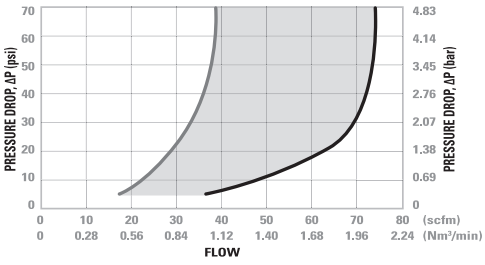
Please contact us for cleanroom produced versions.

Interchangeable with

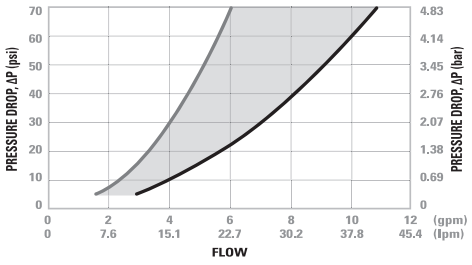
CPC®-Colder EFC12 Series



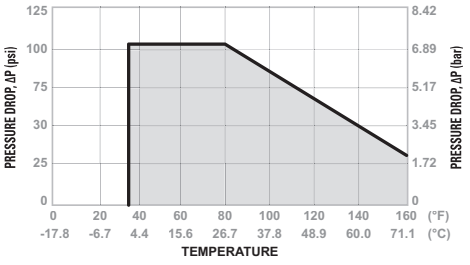
50PP Series Air Flow



50PP Series Water Flow



50PP Series Temperature



Valved Socket & Plug



Valved & Non-Valved Coupling Set



Non-Valved Socket & Plug



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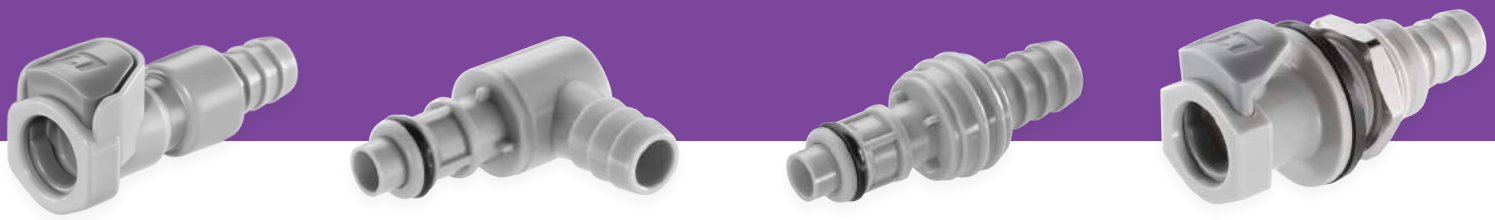
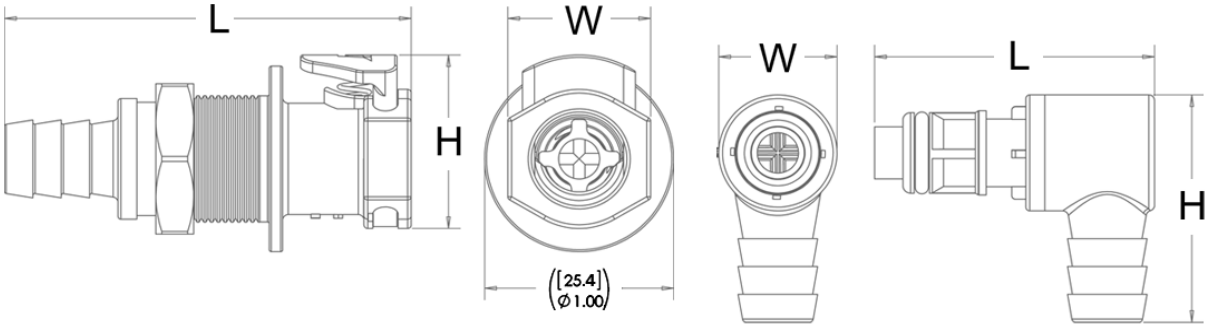


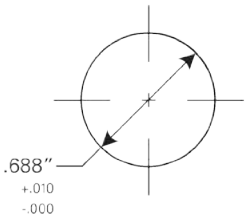


Illustrations are actual size of product.

Reference Dimensions: L = Length, W = Width, H = Height

Panel Mount Dimensions

	PANEL OPENING	MAX PANEL THICKNESS	MIN PANEL THICKNESS
SOCKETS	See Drawing	0.5"	0.05"



PANEL NUT HEX SIZE	PANEL NUT THREAD
13/16"	11/16" - 24 UNS

PART NUMBER GUIDE EXAMPLE:

50 PP V - PE 2 - 04

- 50 — FLOW SIZE OR LATCH TYPE
- PP — MATERIAL
- V — VALVE
- PE — CONFIG. AND O-RING
- 2 — TYPE
- 04 — CONNECTION SIZE

Flow Rates

The data below shows the liquid flow rates for LinkTech couplings. Each coupling combination was tested at 70° F (21°C).

Specific coupling combination flow rates can be determined by using this formula:

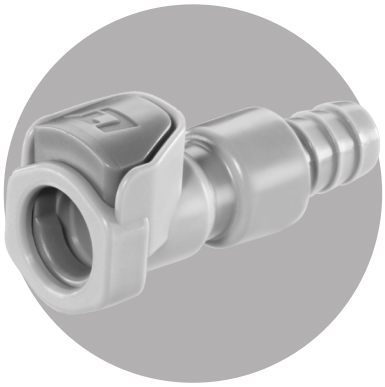
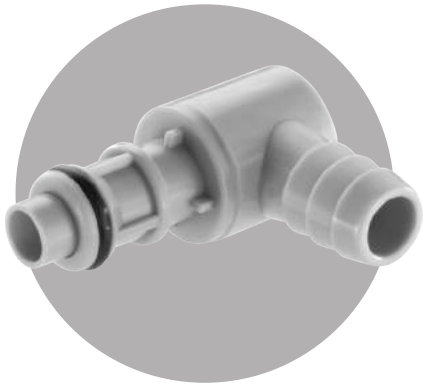
$$Q = C_v \sqrt{\frac{\Delta P}{S}}$$

Q = Flow rate in gallons per minute
C_v = Average flow rates (see chart)
ΔP = Pressure drop across coupling (psi)
S = Specific gravity of liquid.

C_v Values for 50PP Series Couplings

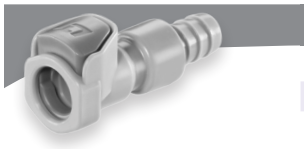
SOCKETS	50PPX-PE2-04	50PPV-PE2-04	50PPX-PE2-06	50PPV-PE2-06	50PPX-PE1-04	50PPV-PE1-04	50PPX-PE1-06	50PPV-PE1-06	50PPV-PE4-04	50PPV-PE4-06
50PPV-SE2-04	0.58	0.42	0.78	0.45	0.79	0.43	0.75	0.45	0.45	0.50
50PPV-SE2-06	0.63	0.43	0.89	0.50	0.95	0.45	0.92	0.50	0.45	0.69
50PPV-SE3-04	0.58	0.42	0.78	0.45	0.79	0.43	0.75	0.45	0.45	0.50
50PPV-SE3-06	0.63	0.43	0.89	0.50	0.95	0.45	0.92	0.50	0.45	0.69

Interchangeable with
CPC®- Colder EFC12 Series


50PP

Tubing Size 1/4" - 3/8"
1/4" Flow Polypropylene



IN-LINE HOSE BARB SOCKET

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50PPV-SE2-04	1/4" ID	6.4mm ID	2.01" (51mm)	.76" (19mm)	.94" (24mm)
50PPV-SE2-06	3/8" ID	9.5mm ID	2.01" (51mm)	.76" (19mm)	.94" (24mm)



PANEL MOUNT HOSE BARB SOCKET (GASKET SEAL INCLUDED)

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50PPV-SE3-04	1/4" ID	6.4mm ID	2.14" (54mm)	1.00" (25mm)	.94" (24mm)
50PPV-SE3-06	3/8" ID	9.5mm ID	2.14" (54mm)	1.00" (25mm)	.94" (24mm)

PART NUMBER GUIDE EXAMPLE:

50 PP V - PE 2 - 04

50	PP	V	PE	2	04
FLOW SIZE OR LATCH TYPE	MATERIAL	VALVE	CONFIG. AND O-RING	TYPE	CONNECTION SIZE

tel: 805-339-0055 | fax: 805-512-7130 | 3000 Bunsen Ave., Ventura, CA 93003 USA

NON-VALVED



MALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
50PPX-PE1-04	1/4" NPT	1.60" (41mm)	.63" (16mm)	.63" (16mm)
50PPX-PE1-06	3/8" NPT	1.60" (41mm)	.75" (19mm)	.75" (19mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50PPX-PE2-04	1/4" ID	6.4mm ID	1.89" (48mm)	.70" (18mm)	.70" (18mm)
50PPX-PE2-06	3/8" ID	9.5mm ID	1.76" (45mm)	.70" (18mm)	.70" (18mm)



ELBOW HOSE BARB PLUG

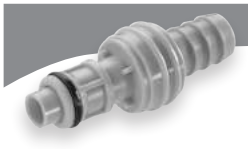
NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50PPX-PE4-04	1/4" ID	6.4mm ID	1.29" (33mm)	.63" (16mm)	1.23" (31mm)
50PPX-PE4-06	3/8" ID	9.5mm ID	1.33" (34mm)	.63" (16mm)	1.23" (31mm)

VALVED



MALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
50PPV-PE1-04	1/4" NPT	1.75" (44mm)	.63" (16mm)	.63" (16mm)
50PPV-PE1-06	3/8" NPT	1.75" (44mm)	.75" (19mm)	.75" (19mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50PPV-PE2-04	1/4" ID	6.4mm ID	2.04" (52mm)	.70" (18mm)	.70" (18mm)
50PPV-PE2-06	3/8" ID	9.5mm ID	1.91" (49mm)	.70" (18mm)	.70" (18mm)



ELBOW HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50PPV-PE4-04	1/4" ID	6.4mm ID	1.44" (37mm)	.63" (16mm)	1.23" (31mm)
50PPV-PE4-06	3/8" ID	9.5mm ID	1.48" (38mm)	.63" (16mm)	1.23" (31mm)

50BAC SERIES

TUBING SIZE 1/4" - 3/8" | 1/4" FLOW ACETAL (POM)



PERFORMANCE RATINGS

- Operating Pressure: 0psi to 20psi
- Temperature: -40˚F to 180˚F; (-40˚C to 82˚C)
- Flow Capacity: 1/4" Size

MATERIALS & CONSTRUCTION

- Bodies & Terminations: Acetal (POM)
- Internal Valves: Acetal (POM)
- Internal Valve Springs: 316 Stainless Steel
- Latch Spring: Stainless Steel
- O-rings: Buna-N (others available)
- Thumb-latch: Acetal (POM)

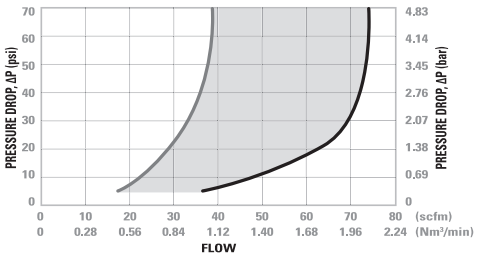
See our website for Solid Models

LinkTech's patented breakaway connectors improve safety by allowing users to make a fast and leakfree disconnect with a simple pull of the coupling. The 50BAC Series couplings utilize a new patented design that facilitates two methods of disconnects. These innovative couplings are designed to disconnect when pull force is applied to the coupling or the user can simply depress the thumb-latch. LinkTech's unique 50BAC couplings interconnect with all standard 50AC and 50GP Plugs allowing for reverse field compatibility.

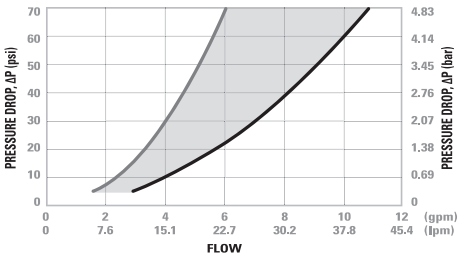
Please contact us for NSF compliant and cleanroom produced versions.

Connects with 50AC Plugs.

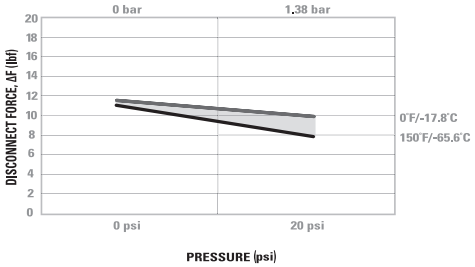
50BAC Series Air Flow



50BAC Series Water Flow



50BAC DISCONNECT FORCE



Valved Socket & Plug



Valved & Non-Valved Coupling Set



Non-Valved Socket & Plug



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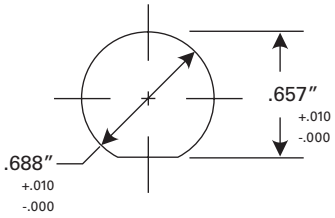
**Illustrations are actual size of product.*

Reference Dimensions: L = Length, W = Width, H = Height

Panel Mount Dimensions

	PANEL OPENING	MAX PANEL THICKNESS	MIN PANEL THICKNESS
SOCKETS	See Drawing	0.5"	0.05"
PLUGS	0.688"	0.3"	0.05"



PANEL NUT HEX SIZE	PANEL NUT THREAD
13/16"	11/16" - 24 UNS

PART NUMBER GUIDE EXAMPLE:

50 BAC V - SB 2 - 04

50 — FLOW SIZE OR LATCH TYPE
BAC — MATERIAL
V — VALVE
SB — CONFIG. AND O-RING
2 — TYPE
04 — CONNECTION SIZE

Flow Rates

The data below shows the liquid flow rates for LinkTech couplings. Each coupling combination was tested at 70° F (21°C).

Specific coupling combination flow rates can be determined by using this formula:

$$Q = C_v \sqrt{\frac{\Delta P}{S}}$$

Q = Flow rate in gallons per minute
C_v = Average flow rates (see chart)
ΔP = Pressure drop across coupling (psi)
S = Specific gravity of liquid.

C_v Values for 50BAC Series Couplings

SOCKETS	50BACV-PB2-04	50BAC-PB2-04	50BACV-PB2-06	50BAC-PB2-06	50BACV-PB9-04	50BAC-PB9-04	50BACV-PB9-06	50BAC-PB9-06	50BACV-PB1-04	50BAC-PB1-04	50BACV-PB1-06	50BAC-PB1-06
50BACV-SB2-04	0.42	0.58	0.45	0.78	0.31	0.38	0.45	0.60	0.43	0.79	0.45	0.75
50BAC-S2-04	0.52	0.95	0.70	1.00	0.38	0.39	0.55	0.87	0.65	0.95	0.65	1.00
50BACV-SB2-06	0.43	0.63	0.50	0.89	0.33	0.39	0.62	0.50	0.45	0.95	0.50	0.92
50BAC-S2-06	0.53	0.95	0.80	1.40	0.38	0.39	0.57	1.00	0.70	1.40	0.73	1.40
50BACV-SB3-04	0.42	0.58	0.45	0.78	0.31	0.38	0.45	0.60	0.43	0.79	0.45	0.75
50BAC-S3-04	0.52	0.95	0.70	1.00	0.38	0.39	0.55	0.87	0.65	0.95	0.65	1.00
50BACV-SB3-06	0.43	0.63	0.50	0.89	0.33	0.39	0.62	0.50	0.45	0.95	0.50	0.92
50BAC-S3-06	0.53	0.95	0.80	1.40	0.38	0.39	0.57	1.00	0.70	1.40	0.73	1.40
50BACV-SB1-04	0.41	0.65	0.50	0.81	0.31	0.35	0.48	0.74	0.45	0.80	0.45	0.80
50BAC-S1-04	0.56	0.84	0.83	1.40	0.35	0.40	0.58	1.04	0.75	1.40	0.78	1.40
50BACV-SB1-06	0.43	0.70	0.50	1.03	0.30	0.36	0.70	0.48	0.45	0.97	0.48	1.00
50BAC-S1-06	0.57	0.84	0.82	1.40	0.35	0.40	0.60	1.05	0.75	1.40	0.75	1.40





50BAC

Tubing Size 1/4" - 3/8" 1/4" Flow Acetal (POM)



MALE THREAD SOCKET

NON-VALVED	VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
50BAC-S1-04	50BACV-SB1-04	1/4" NPT	1.4" (36mm)	.75" (19mm)	.94" (24mm)
50BAC-S1-06	50BACV-SB1-06	3/8" NPT	1.4" (36mm)	.75" (19mm)	.94" (24mm)



MIN-LINE HOSE BARB SOCKET, SHORT BODY

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50BAC-S2-04	1/4" ID	6.4mm ID	1.35" (34mm)	.75" (19mm)	.94" (24mm)
50BAC-S2-06	3/8" ID	9.5mm ID	1.35" (34mm)	.75" (19mm)	.94" (24mm)



IN-LINE HOSE BARB SOCKET, LONG BODY

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50BAC-S2-04LB	50BACV-SB2-04	1/4" ID	6.4mm ID	2.02" (51mm)	.75" (19mm)	.94" (24mm)
50BAC-S2-05LB	50BACV-SB2-05	5/16" ID	7.9mm ID	2.02" (51mm)	.75" (19mm)	.94" (24mm)
50BAC-S2-06LB	50BACV-SB2-06	3/8" ID	9.5mm ID	2.02" (51mm)	.75" (19mm)	.94" (24mm)



IN-LINE PTF SOCKET, LONG BODY

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50BAC-S9-04LB	50BACV-SB9-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.95" (50mm)	.75" (19mm)	.93" (24mm)
50BAC-S9-06LB	50BACV-SB9-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	2.05" (52mm)	.75" (19mm)	.93" (24mm)



PANEL MOUNT HOSE BARB SOCKET (GASKET SOLD SEPARATELY)

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50BAC-S3-04	50BACV-SB3-04	1/4" ID	6.4mm ID	2.10" (53mm)	.90" (23mm)	1.05" (27mm)
50BAC-S3-05	50BACV-SB3-05	5/16" ID	7.9mm ID	2.10" (53mm)	.90" (23mm)	1.05" (27mm)
50BAC-S3-06	50BACV-SB3-06	3/8" ID	9.5mm ID	2.10" (53mm)	.90" (23mm)	1.05" (27mm)



PANEL MOUNT PTF SOCKET (GASKET SOLD SEPARATELY)

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50BAC-S8-04	50BACV-SB8-04	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	1.97" (50mm)	.90" (23mm)	1.05" (27mm)
50BAC-S8-06	50BACV-SB8-06	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	2.1" (53mm)	.90" (23mm)	1.05" (27mm)

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PART NUMBER GUIDE EXAMPLE:

50 BAC V - SB 2 - 04

50	BAC	V	SB	2	04
FLOW SIZE OR LATCH TYPE	MATERIAL	VALVE	CONFIG. AND O-RING	TYPE	CONNECTION SIZE



SAFELY DISCONNECTS WHEN PULLED OR BY DEPRESSING THE THUMB-LATCH



*External product dimensions are the same with or without a shut off valve

IMPROVES SAFETY BY ALLOWING A FAST, LEAK-FREE DISCONNECTION



PATENTED BREAKAWAY TECHNOLOGY

All 50BAC Sockets connect with any 50AC, 50PP, and 50GP Plugs.

50GP SERIES

TUBING SIZE 1/4" - 3/8" | 1/4" FLOW GLASS FILLED POLYPROPYLENE



See our website for Solid Models

PERFORMANCE RATINGS

- Operating Pressure: Vacuum to 120psi; (8.3bar)
- Temperature: -32°F to 160°F; (-0°C to 71°C)
- Flow Capacity: 1/4" Size

MATERIALS & CONSTRUCTION

- Bodies & Terminations: Glass Filled Polypropylene
- Thumb-latch: Acetal (POM)
- Springs: Stainless Steel
- O-rings: Food Grade EPDM (others available)
- Internal Valves: Acetal (POM)

50GP Series couplings are manufactured from a high performance glass filled polypropylene. With excellent chemical resistance properties, these couplings are well suited for applications in acid and chemical transfer. All 50GP couplings interconnect with the 50AC Series product range.



PART NUMBER GUIDE EXAMPLE:

50 GP - S 1 - 04

50	GP	S	1	04
FLOW SIZE OR LATCH TYPE	MATERIAL	CONFIG. AND O-RING	TYPE	CONNECTION SIZE

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50GP

Tubing Size 1/4" - 3/8"
1/4" Flow Glass Filled Polypro.



MALE THREAD SOCKET

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
50GP-S1-04	1/4" NPT	1.40" (36mm)	.75" (19mm)	.93" (24mm)



IN-LINE HOSE BARB SOCKET, SHORT BODY

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50GP-S5-04	1/4" ID	6.4mm ID	1.35" (34mm)	.75" (19mm)	.93" (24mm)
50GP-S5-06	3/8" ID	9.5mm ID	1.35" (34mm)	.75" (19mm)	.93" (24mm)



IN-LINE HOSE BARB SOCKET, LONG BODY

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50GP-S5-06LB	50GPV-SF5-06	3/8" ID	9.5mm ID	2.00" (51mm)	.83" (21mm)	.94" (24mm)



ELBOW HOSE BARB SOCKET

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50GP-S7-06	3/8" ID	9.5mm ID	1.23" (31mm)	.75" (19mm)	1.50" (38mm)



MALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
50GP-PF1-04	1/4" NPT	1.35" (34mm)	.62" (16mm)	.62" (16mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50GP-PF5-04	1/4" ID	6.4mm ID	1.35" (34mm)	.62" (16mm)	.62" (16mm)
50GP-PF5-06	3/8" ID	9.5mm ID	1.35" (34mm)	.62" (16mm)	.62" (16mm)



ELBOW HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
50GP-PF7-06	3/8" ID	9.5mm ID	1.25" (32mm)	.62" (16mm)	1.26" (32mm)



END STOP PLUG

NON-VALVED	LENGTH	WIDTH	HEIGHT
50GP-PF6	1.20" (30mm)	.69" (18mm)	.69" (18mm)

60PP SERIES

TUBING SIZE 1/4” - 3/4” | 3/8” FLOW POLYPROPYLENE

MODERN COOL GREY COLOR



See our website for Solid Models

PERFORMANCE RATINGS

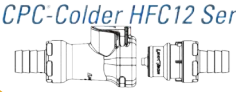
- Operating Pressure: Vacuum to 60 psi; (4.2bar)
- Temperature: 32°F to 160°F (0°C to 71°C)
- Flow Capacity: 3/8” Size

MATERIALS & CONSTRUCTION

- Bodies & Terminations: Medical Grade Polypropylene
- Internal Valves: Medical Grade Polypropylene
- Internal Valve Springs: 316 Stainless Steel
- Latch Spring: Stainless Steel
- O-rings: Peroxide-cured EPDM (others available)
- Thumb-latch: Medical Grade Polypro.

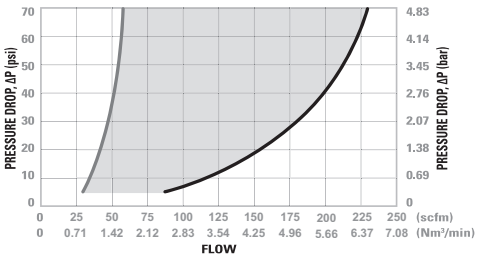
Please contact us for cleanroom produced versions.

Interchangeable with *CPC-Colder HFC12 Series*

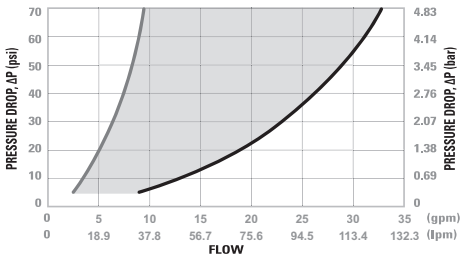


These new 60PP Series couplings bring the highest available 3/8” flow with both valved and non-valved configurations. They are manufactured from medical grade, gamma sterilizable polypropylene. The cost efficient high flow couplings offer a larger, more robust thumb-latch and greater chemical resistance. The new and improved Panel Mount couplings offer a stronger, more reliable design for thicker wall panels and other various applications. All 60PP couplings interconnect with all other 60 Series couplings as well as other similar industry thumb-latch type high flow couplings.

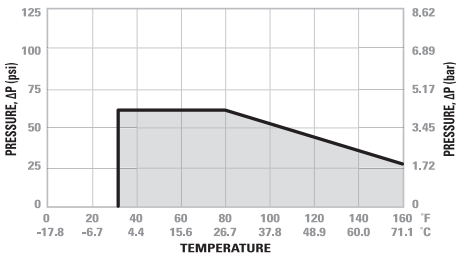
60PP Series Air Flow



60PP Series Water Flow



60PP Series Temperature



Valved Socket & Plug



Valved & Non-Valved Coupling Set



Non-Valved Socket & Plug



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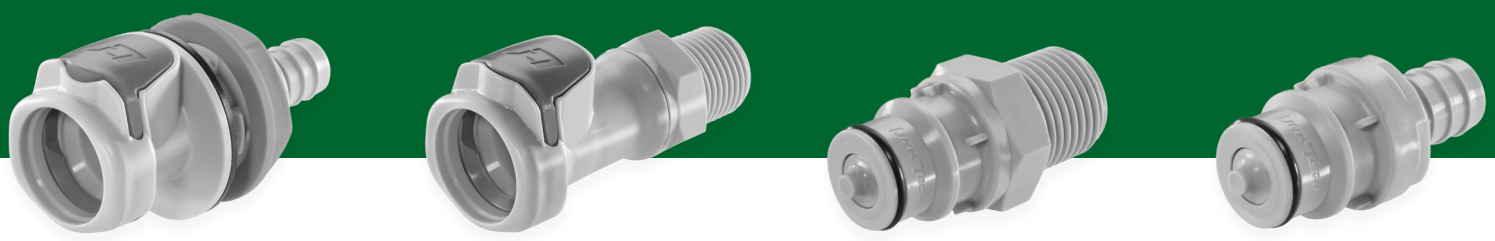
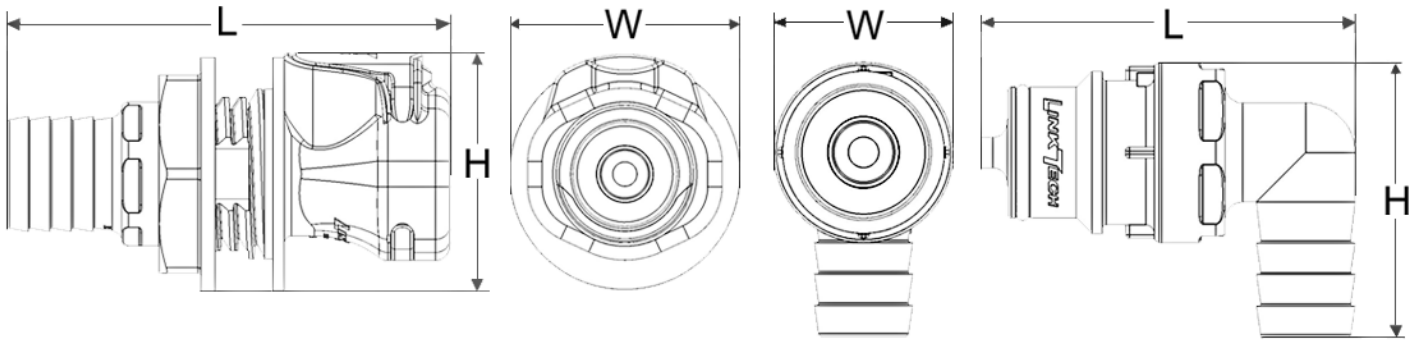




Reference Dimensions (Scaled Down): L = Length, W = Width, H = Height

Panel Mount Dimensions

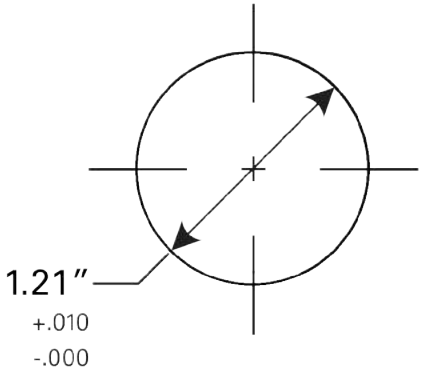
	PANEL OPENING	MAX PANEL THICKNESS	MIN PANEL THICKNESS
SOCKETS	See Drawing	0.3"	0.03"
PLUGS	1.21"	0.3"	0.03"

PANEL NUT HEX SIZE
1.375"

PART NUMBER GUIDE EXAMPLE:

60 PP V - SE 2 - 08

- 60 — FLOW SIZE OR LATCH TYPE
- PP — MATERIAL
- V — VALVE
- SE — CONFIG. AND O-RING
- 2 — TYPE
- 08 — CONNECTION SIZE



Flow Rates

The data below shows the liquid flow rates for LinkTech couplings. Each coupling combination was tested at 70° F (21°C).

Specific coupling combination flow rates can be determined by using this formula:

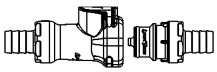
$$Q = C_v \sqrt{\frac{\Delta P}{S}}$$

Q = Flow rate in gallons per minute
C_v = Average flow rates (see chart)
ΔP = Pressure drop across coupling (psi)
S = Specific gravity of liquid.

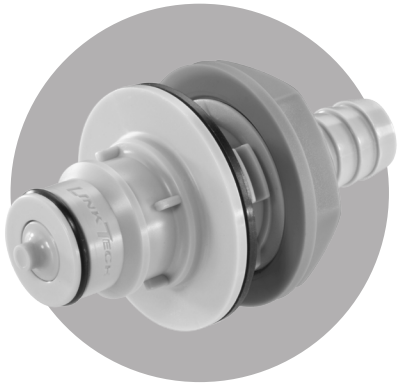
C_v Values for 60PP Series Couplings

SOCKETS	60PP-PE2-06	60PPV-PE2-06	60PP-PE2-08	60PPV-PE2-08	60PP-PE4-06	60PPV-PE4-06	60PP-PE4-08	60PPV-PE4-08	60PP-PE1-06	60PPV-PE1-06	60PP-PE1-08	60PPV-PE1-08	60PP-PE2-12	60PPV-PE2-12
60PPV-SE1-06	1.27	1.27	1.62	1.51	1.14	1.14	1.46	1.36	1.80	1.58	1.70	1.65	-	-
60PPV-SE1-08	1.28	1.34	1.62	1.51	1.15	1.24	1.46	1.36	1.81	1.54	1.72	1.56	-	-
60PPV-SE3-06	1.07	1.00	1.17	1.14	0.96	0.90	1.05	1.03	1.33	1.26	1.30	1.24	-	-
60PPV-SE3-08	1.25	1.23	1.61	1.52	1.13	1.11	1.45	1.37	1.79	1.60	1.68	1.56	-	-
60PPV-SE2-06	1.07	1.00	1.17	1.14	0.96	0.90	1.05	1.03	1.33	1.26	1.30	1.24	-	-
60PPV-SE2-08	1.25	1.23	1.61	1.52	1.13	1.11	1.45	1.37	1.79	1.60	1.68	1.56	-	-
60PP-S2-12	-	-	-	-	-	-	-	-	-	-	-	-	3.94	-
60PPV-SE2-12	-	-	-	-	-	-	-	-	-	-	-	-	-	2.04

Interchangeable with
CPC®- Colder HFC12 Series



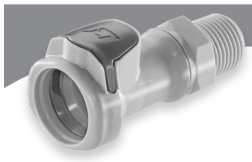






60PP

Tubing Size 1/4" - 3/4" 3/8" Flow Polypropylene



MALE THREAD SOCKET

NON-VALVED	VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
60PP-S1-06	60PPV-SE1-06	3/8" NPT	2.78" (71mm)	1.36" (35mm)	1.44" (37mm)
60PP-S1-08	60PPV-SE1-08	1/2" NPT	2.93" (74mm)	1.36" (35mm)	1.44" (37mm)
60PP-S1-12	60PPV-SE1-12	3/4" NPT	3.13" (80mm)	1.36" (35mm)	1.44" (37mm)



IN-LINE HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PP-S2-04	60PPV-SE2-04	1/4" ID	6.4mm ID	2.78" (71mm)	1.36" (35mm)	1.44" (37mm)
60PP-S2-06	60PPV-SE2-06	3/8" ID	9.5mm ID	2.78" (71mm)	1.36" (35mm)	1.44" (37mm)
60PP-S2-08	60PPV-SE2-08	1/2" ID	12.7mm ID	2.88" (73mm)	1.36" (35mm)	1.44" (37mm)
60PP-S2-12	60PPV-SE2-12	3/4" ID	19.0mm ID	2.93" (74mm)	1.36" (35mm)	1.44" (37mm)



PANEL MOUNT HOSE BARB SOCKET (GASKET SEAL INCLUDED)

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PP-S3-04	60PPV-SE3-04	1/4" ID	6.4mm ID	2.86" (73mm)	1.62" (41mm)	1.65" (42mm)
60PP-S3-06	60PPV-SE3-06	3/8" ID	9.5mm ID	2.86" (73mm)	1.62" (41mm)	1.65" (42mm)
60PP-S3-08	60PPV-SE3-08	1/2" ID	12.7mm ID	3.03" (77mm)	1.62" (41mm)	1.65" (42mm)
60PP-S3-12	60PPV-SE3-12	3/4" ID	19.0mm ID	3.08" (78mm)	1.62" (41mm)	1.65" (42mm)



PANEL MOUNT HOSE BARB ELBOW SOCKET (GASKET SEAL INCLUDED)

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PP-S22-06	60PPV-SE22-06	3/8" ID	9.5mm ID	2.96" (75mm)	1.62" (41mm)	1.73" (44mm)
60PP-S22-08	60PPV-SE22-08	1/2" ID	12.7mm ID	2.96" (75mm)	1.62" (41mm)	1.83" (46mm)



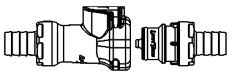
*External product dimensions are the same with or without a shut off valve

PART NUMBER GUIDE EXAMPLE:

60 PP V - SE 2 - 08

60	PP	V	SE	2	08
FLOW SIZE OR LATCH TYPE	MATERIAL	VALVE	CONFIG. AND O-RING	TYPE	CONNECTION SIZE

tel: 805-339-0055 | fax: 805-512-7130 | 3000 Bunsen Ave., Ventura, CA 93003 USA



Interchangeable with
CPC®- Colder HFC12 Series

NON-VALVED



MALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
60PP-PE1-06	3/8" NPT	1.87'' (47mm)	1.14" (29mm)	1.00" (25mm)
60PP-PE1-08	1/2" NPT	2.02'' (51mm)	1.14" (29mm)	1.00" (25mm)
60PP-PE1-12	3/4" NPT	2.22'' (56mm)	1.21" (31mm)	1.05" (27mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PP-PE2-04	1/4" ID	6.4mm ID	1.87'' (47mm)	1.00" (25mm)	1.00" (25mm)
60PP-PE2-06	3/8" ID	9.5mm ID	1.87'' (47mm)	1.00" (25mm)	1.00" (25mm)
60PP-PE2-08	1/2" ID	12.7mm ID	1.97'' (50mm)	1.00" (25mm)	1.00" (25mm)
60PP-PE2-12	3/4" ID	19.0mm ID	2.02'' (51mm)	1.00" (25mm)	1.00" (25mm)



PANEL MOUNT HOSE BARB PLUG (GASKET SEAL INCLUDED)

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PP-PE3-04	1/4" ID	6.4mm ID	2.74'' (70mm)	1.62" (41mm)	1.62" (41mm)
60PP-PE3-06	3/8" ID	9.5mm ID	2.74'' (70mm)	1.62" (41mm)	1.62" (41mm)
60PP-PE3-08	1/2" ID	12.7mm ID	2.84'' (72mm)	1.62" (41mm)	1.62" (41mm)
60PP-PE3-12	3/4" ID	19.0mm ID	2.89'' (73mm)	1.62" (41mm)	1.62" (41mm)



PANEL MOUNT HOSE BARB ELBOW PLUG (GASKET SEAL INCLUDED)

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PP-PE22-06	3/8" ID	9.5mm ID	2.86'' (73mm)	1.62" (41mm)	1.73" (44mm)
60PP-PE22-08	1/2" ID	12.7mm ID	2.86'' (73mm)	1.62" (41mm)	1.83" (46mm)



ELBOW HOSE BARB PLUG

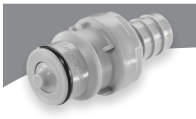
NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PP-PE4-06	3/8" ID	9.5mm ID	1.94'' (49mm)	1.00" (25mm)	1.40" (36mm)
60PP-PE4-08	1/2" ID	12.7mm ID	1.94'' (49mm)	1.00" (25mm)	1.50" (38mm)

VALVED



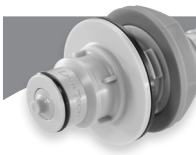
MALE THREAD PLUG

VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
60PPV-PE1-06	3/8" NPT	2.01'' (51mm)	1.14" (29mm)	1.00" (25mm)
60PPV-PE1-08	1/2" NPT	2.16'' (55mm)	1.14" (29mm)	1.00" (25mm)
60PPV-PE1-12	3/4" NPT	2.36'' (60mm)	1.21" (31mm)	1.05" (27mm)



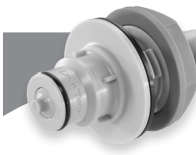
IN-LINE HOSE BARB PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PPV-PE2-04	1/4" ID	6.4mm ID	2.01'' (51mm)	1.00" (25mm)	1.00" (25mm)
60PPV-PE2-06	3/8" ID	9.5mm ID	2.01'' (51mm)	1.00" (25mm)	1.00" (25mm)
60PPV-PE2-08	1/2" ID	12.7mm ID	2.11'' (54mm)	1.00" (25mm)	1.00" (25mm)
60PPV-PE2-12	3/4" ID	19.0mm ID	2.16'' (55mm)	1.00" (25mm)	1.00" (25mm)



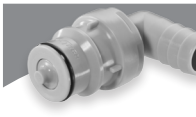
PANEL MOUNT HOSE BARB PLUG (GASKET SEAL INCLUDED)

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PPV-PE3-04	1/4" ID	6.4mm ID	2.88'' (73mm)	1.62" (41mm)	1.62" (41mm)
60PPV-PE3-06	3/8" ID	9.5mm ID	2.88'' (73mm)	1.62" (41mm)	1.62" (41mm)
60PPV-PE3-08	1/2" ID	12.7mm ID	2.98'' (76mm)	1.62" (41mm)	1.62" (41mm)
60PPV-PE3-12	3/4" ID	19.0mm ID	3.03'' (77mm)	1.62" (41mm)	1.62" (41mm)



PANEL MOUNT HOSE BARB ELBOW PLUG (GASKET SEAL INCLUDED)

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PPV-PE22-06	3/8" ID	9.5mm ID	3.00'' (76mm)	1.62" (41mm)	1.73" (44mm)
60PPV-PE22-08	1/2" ID	12.7mm ID	3.00'' (76mm)	1.62" (41mm)	1.83" (46mm)



ELBOW HOSE BARB PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PPV-PE4-06	3/8" ID	9.5mm ID	2.08'' (53mm)	1.00" (25mm)	1.40" (36mm)
60PPV-PE4-08	1/2" ID	12.7mm ID	2.08'' (53mm)	1.00" (25mm)	1.50" (38mm)

Tubing Size 1/4" - 3/4"
3/8" Flow Polypropylene

60PP SERIES

TUBING SIZE 1/4" - 3/4" | 3/8" FLOW POLYPROPYLENE

UV-RESISTANT BLACK-OUT COLOR



NEW

See our website for Solid Models

The new 60PP-Black Series couplings offer 3/8" flow size and are produced from medical grade, gamma sterilizable, UV-resistant polypropylene. The solid "black-out" color allows the ability to color key applications, as well as makes these couplings significantly more resistant to UV radiation due to its already advanced raw material capabilities. Available in both valved and non-valved configurations, these quick disconnect couplings are easy to use with their more robust thumb latch design. They are manufactured to maintain a long service life in a variety of applications. The 60PP-Black Series couplings interconnect with all other 60 Series couplings as well as other similar industry thumb-latch type high flow couplings.

PERFORMANCE RATINGS

- Operating Pressure: Vacuum to 60 psi; (4.2bar)
- Temperature: 32°F to 160°F (0°C to 71°C)
- Flow Capacity: 3/8" Size

MATERIALS & CONSTRUCTION

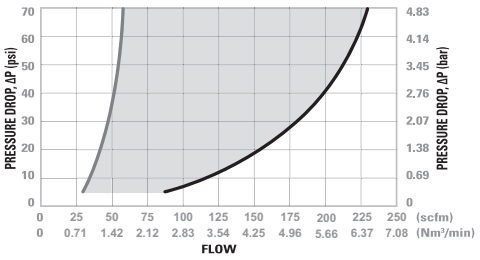
- Bodies & Terminations: UV-Resistant Medical Grade Polypropylene
- Internal Valves: UV-Resistant Medical Grade Polypropylene
- Internal Valve Springs: 316 Stainless Steel
- Latch Spring: Stainless Steel
- O-rings: Peroxide-cured EPDM (others available)
- Thumb-latch: UV-Resistant Medical Grade Polypropylene

Please contact us for cleanroom produced versions.

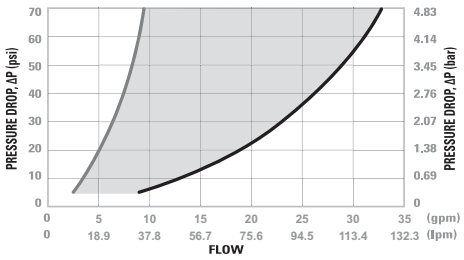
Interchangeable with *CPC-Colder HFC12 Series*



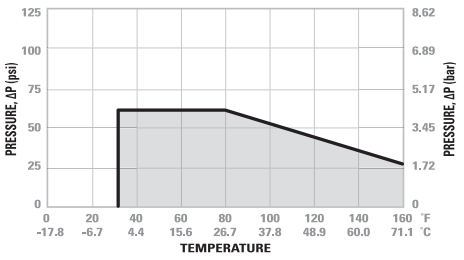
60PP Series Air Flow



60PP Series Water Flow



60PP Series Temperature



Valved Socket & Plug



Valved & Non-Valved Coupling Set

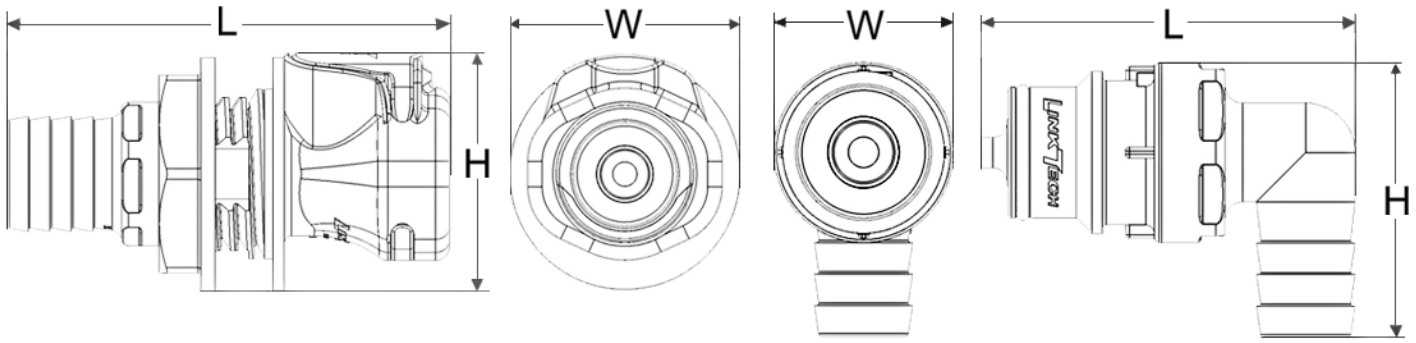


Non-Valved Socket & Plug



tel: 805-339-0055 | fax: 805-512-7130 | 3000 Bunsen Ave., Ventura, CA 93003 USA



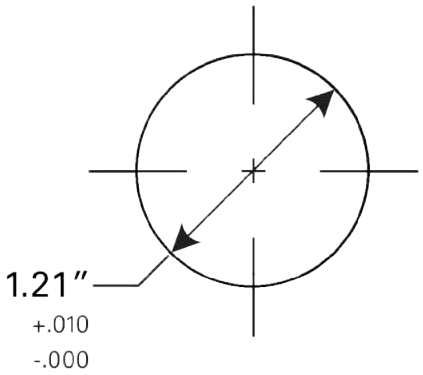


Reference Dimensions (Scaled Down): L = Length, W = Width, H = Height

Panel Mount Dimensions

	PANEL OPENING	MAX PANEL THICKNESS	MIN PANEL THICKNESS
SOCKETS	See Drawing	0.3"	0.03"
PLUGS	1.21"	0.3"	0.03"

PANEL NUT HEX SIZE
1.375"



PART NUMBER GUIDE EXAMPLE:

60 PP V - SE 2 - 08BLK

- 60 — FLOW SIZE OR LATCH TYPE
- PP — MATERIAL
- V — VALVE
- SE — CONFIG. AND O-RING
- 2 — TYPE
- 08 — CONNECTION SIZE
- BLK — COLOR OPTION

Flow Rates

The data below shows the liquid flow rates for LinkTech couplings. Each coupling combination was tested at 70° F (21°C).

Specific coupling combination flow rates can be determined by using this formula:

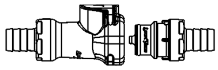
$$Q = C_v \sqrt{\frac{\Delta P}{S}}$$

Q = Flow rate in gallons per minute
C_v = Average flow rates (see chart)
ΔP = Pressure drop across coupling (psi)
S = Specific gravity of liquid.

C_v Values for 60PP Series Couplings

SOCKETS	60PP-PE2-06 BLK	60PPV-PE2-06 BLK	60PP-PE2-08 BLK	60PPV-PE2-08 BLK	60PP-PE4-06 BLK	60PPV-PE4-06 BLK	60PP-PE4-08 BLK	60PPV-PE4-08 BLK	60PP-PE1-06 BLK	60PPV-PE1-06 BLK	60PP-PE1-08 BLK	60PPV-PE1-08 BLK	60PP-PE2-12 BLK	60PPV-PE2-12 BLK
60PPV-SE1-06BLK	1.27	1.27	1.62	1.51	1.14	1.14	1.46	1.36	1.80	1.58	1.70	1.65	-	-
60PPV-SE1-08BLK	1.28	1.34	1.62	1.51	1.15	1.24	1.46	1.36	1.81	1.54	1.72	1.56	-	-
60PPV-SE3-06BLK	1.07	1.00	1.17	1.14	0.96	0.90	1.05	1.03	1.33	1.26	1.30	1.24	-	-
60PPV-SE3-08BLK	1.25	1.23	1.61	1.52	1.13	1.11	1.45	1.37	1.79	1.60	1.68	1.56	-	-
60PPV-SE2-06BLK	1.07	1.00	1.17	1.14	0.96	0.90	1.05	1.03	1.33	1.26	1.30	1.24	-	-
60PPV-SE2-08BLK	1.25	1.23	1.61	1.52	1.13	1.11	1.45	1.37	1.79	1.60	1.68	1.56	-	-
60PP-S2-12BLK	-	-	-	-	-	-	-	-	-	-	-	-	3.94	-
60PPV-SE2-12BLK	-	-	-	-	-	-	-	-	-	-	-	-	-	2.04

Interchangeable with
CPC®- Colder HFC12 Series









60PP

Tubing Size 1/4" - 3/4" 3/8" Flow Polypropylene



MALE THREAD SOCKET

NON-VALVED	VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
60PP-S1-06BLK	60PPV-SE1-06BLK	3/8" NPT	2.78'' (71mm)	1.36'' (35mm)	1.44'' (37mm)
60PP-S1-08BLK	60PPV-SE1-08BLK	1/2" NPT	2.93'' (74mm)	1.36'' (35mm)	1.44'' (37mm)
60PP-S1-12BLK	60PPV-SE1-12BLK	3/4" NPT	3.13'' (80mm)	1.36'' (35mm)	1.44'' (37mm)



IN-LINE HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PP-S2-04BLK	60PPV-SE2-04BLK	1/4" ID	6.4mm ID	2.78'' (71mm)	1.36'' (35mm)	1.44'' (37mm)
60PP-S2-06BLK	60PPV-SE2-06BLK	3/8" ID	9.5mm ID	2.78'' (71mm)	1.36'' (35mm)	1.44'' (37mm)
60PP-S2-08BLK	60PPV-SE2-08BLK	1/2" ID	12.7mm ID	2.88'' (73mm)	1.36'' (35mm)	1.44'' (37mm)
60PP-S2-12BLK	60PPV-SE2-12BLK	3/4" ID	19.0mm ID	2.93'' (74mm)	1.36'' (35mm)	1.44'' (37mm)



PANEL MOUNT HOSE BARB SOCKET (GASKET SEAL INCLUDED)

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PP-S3-04BLK	60PPV-SE3-04BLK	1/4" ID	6.4mm ID	2.86'' (73mm)	1.62'' (41mm)	1.65'' (42mm)
60PP-S3-06BLK	60PPV-SE3-06BLK	3/8" ID	9.5mm ID	2.86'' (73mm)	1.62'' (41mm)	1.65'' (42mm)
60PP-S3-08BLK	60PPV-SE3-08BLK	1/2" ID	12.7mm ID	3.03'' (77mm)	1.62'' (41mm)	1.65'' (42mm)
60PP-S3-12BLK	60PPV-SE3-12BLK	3/4" ID	19.0mm ID	3.08'' (78mm)	1.62'' (41mm)	1.65'' (42mm)



PANEL MOUNT HOSE BARB ELBOW SOCKET (GASKET SEAL INCLUDED)

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PP-S22-06BLK	60PPV-SE22-06BLK	3/8" ID	9.5mm ID	2.96'' (75mm)	1.62'' (41mm)	1.73'' (44mm)
60PP-S22-08BLK	60PPV-SE22-08BLK	1/2" ID	12.7mm ID	2.96'' (75mm)	1.62'' (41mm)	1.83'' (46mm)



*External product dimensions are the same with or without a shut off valve

PART NUMBER GUIDE EXAMPLE:

60 PP V - SE 2 - 08BLK

60	PP	V	SE	2	08	BLK
FLOW SIZE OR LATCH TYPE	MATERIAL	VALVE	CONFIG. AND O-RING	TYPE	CONNECTION SIZE	COLOR OPTION

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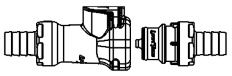


Interchangeable with
CPC®- Colder HFC12 Series

NON-VALVED



MALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
60PP-PE1-06BLK	3/8" NPT	1.87" (47mm)	1.14" (29mm)	1.00" (25mm)
60PP-PE1-08BLK	1/2" NPT	2.02" (51mm)	1.14" (29mm)	1.00" (25mm)
60PP-PE1-12BLK	3/4" NPT	2.22" (56mm)	1.21" (31mm)	1.05" (27mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PP-PE2-04BLK	1/4" ID	6.4mm ID	1.87" (47mm)	1.00" (25mm)	1.00" (25mm)
60PP-PE2-06BLK	3/8" ID	9.5mm ID	1.87" (47mm)	1.00" (25mm)	1.00" (25mm)
60PP-PE2-08BLK	1/2" ID	12.7mm ID	1.97" (50mm)	1.00" (25mm)	1.00" (25mm)
60PP-PE2-12BLK	3/4" ID	19.0mm ID	2.02" (51mm)	1.00" (25mm)	1.00" (25mm)



PANEL MOUNT HOSE BARB PLUG (GASKET SEAL INCLUDED)

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PP-PE3-04BLK	1/4" ID	6.4mm ID	2.74" (70mm)	1.62" (41mm)	1.62" (41mm)
60PP-PE3-06BLK	3/8" ID	9.5mm ID	2.74" (70mm)	1.62" (41mm)	1.62" (41mm)
60PP-PE3-08BLK	1/2" ID	12.7mm ID	2.84" (72mm)	1.62" (41mm)	1.62" (41mm)
60PP-PE3-12BLK	3/4" ID	19.0mm ID	2.89" (73mm)	1.62" (41mm)	1.62" (41mm)



PANEL MOUNT HOSE BARB ELBOW PLUG (GASKET SEAL INCLUDED)

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PP-PE22-06BLK	3/8" ID	9.5mm ID	2.86" (73mm)	1.62" (41mm)	1.73" (44mm)
60PP-PE22-08BLK	1/2" ID	12.7mm ID	2.86" (73mm)	1.62" (41mm)	1.83" (46mm)



ELBOW HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PP-PE4-06BLK	3/8" ID	9.5mm ID	1.94" (49mm)	1.00" (25mm)	1.40" (36mm)
60PP-PE4-08BLK	1/2" ID	12.7mm ID	1.94" (49mm)	1.00" (25mm)	1.50" (38mm)

VALVED



MALE THREAD PLUG

VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
60PPV-PE1-06BLK	3/8" NPT	2.01" (51mm)	1.14" (29mm)	1.00" (25mm)
60PPV-PE1-08BLK	1/2" NPT	2.16" (55mm)	1.14" (29mm)	1.00" (25mm)
60PPV-PE1-12BLK	3/4" NPT	2.36" (60mm)	1.21" (31mm)	1.05" (27mm)



IN-LINE HOSE BARB PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PPV-PE2-04BLK	1/4" ID	6.4mm ID	2.01" (51mm)	1.00" (25mm)	1.00" (25mm)
60PPV-PE2-06BLK	3/8" ID	9.5mm ID	2.01" (51mm)	1.00" (25mm)	1.00" (25mm)
60PPV-PE2-08BLK	1/2" ID	12.7mm ID	2.11" (54mm)	1.00" (25mm)	1.00" (25mm)
60PPV-PE2-12BLK	3/4" ID	19.0mm ID	2.16" (55mm)	1.00" (25mm)	1.00" (25mm)



PANEL MOUNT HOSE BARB PLUG (GASKET SEAL INCLUDED)

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PPV-PE3-04BLK	1/4" ID	6.4mm ID	2.88" (73mm)	1.62" (41mm)	1.62" (41mm)
60PPV-PE3-06BLK	3/8" ID	9.5mm ID	2.88" (73mm)	1.62" (41mm)	1.62" (41mm)
60PPV-PE3-08BLK	1/2" ID	12.7mm ID	2.98" (76mm)	1.62" (41mm)	1.62" (41mm)
60PPV-PE3-12BLK	3/4" ID	19.0mm ID	3.03" (77mm)	1.62" (41mm)	1.62" (41mm)



PANEL MOUNT HOSE BARB ELBOW PLUG (GASKET SEAL INCLUDED)

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PPV-PE22-06BLK	3/8" ID	9.5mm ID	3.00" (76mm)	1.62" (41mm)	1.73" (44mm)
60PPV-PE22-08BLK	1/2" ID	12.7mm ID	3.00" (76mm)	1.62" (41mm)	1.83" (46mm)



ELBOW HOSE BARB PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PPV-PE4-06BLK	3/8" ID	9.5mm ID	2.08" (53mm)	1.00" (25mm)	1.40" (36mm)
60PPV-PE4-08BLK	1/2" ID	12.7mm ID	2.08" (53mm)	1.00" (25mm)	1.50" (38mm)

Tubing Size 1/4" - 3/4"
3/8" Flow Polypropylene

60PS SERIES

TUBING SIZE 3/8" - 3/4" | 3/8" FLOW POLYSULFONE

HIGH TEMP BRIGHT WHITE COLOR



See our website for Solid Models

Produced in high performance thermoplastic Food Grade Udel® Polysulfone, these 3/8" flow size couplings are more durable and stable at higher temperatures. The 60PS Series couplings offer a new and improved Panel Mount design that has a more reliable thumb-latch which makes it more durable, easier and faster to use. All 60PS couplings interconnect with all other 60 Series couplings as well as other similar industry thumb-latch type high flow couplings.

PERFORMANCE RATINGS

- Operating Pressure: Vacuum to 125 psi; (8.6bar)
- Temperature: -40°F to 280°F (-40°C to 138°C)
- Flow Capacity: 3/8" Size

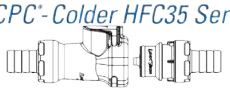
MATERIALS & CONSTRUCTION

- Bodies & Terminations: Food Grade Udel® Polysulfone
- Internal Valves: Food Grade Udel® Polysulfone
- Internal Valve Springs: 316 Stainless Steel
- Latch Spring: Stainless Steel
- O-rings: Peroxide-cured EPDM (others available)
- Thumb-latch: Food Grade Udel® Polysulfone

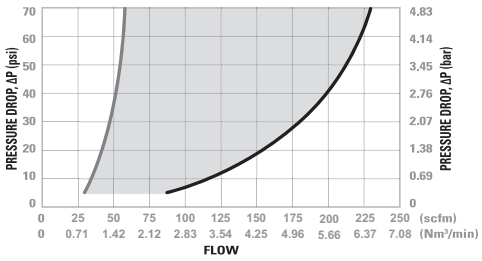
Please contact us for NSF compliant and cleanroom produced versions.

Interchangeable with

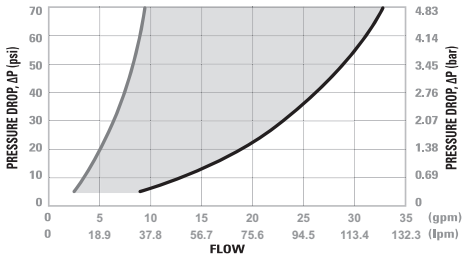
CPC® - Colder HFC35 Series



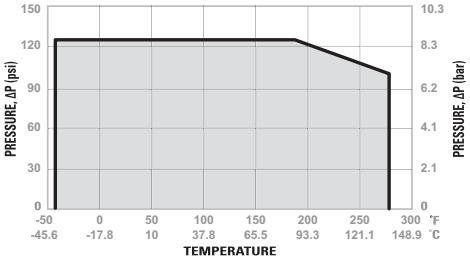
60PS Series Air Flow



60PS Series Water Flow



60PS Series Temperature



Valved Socket & Plug



Valved & Non-Valved Coupling Set

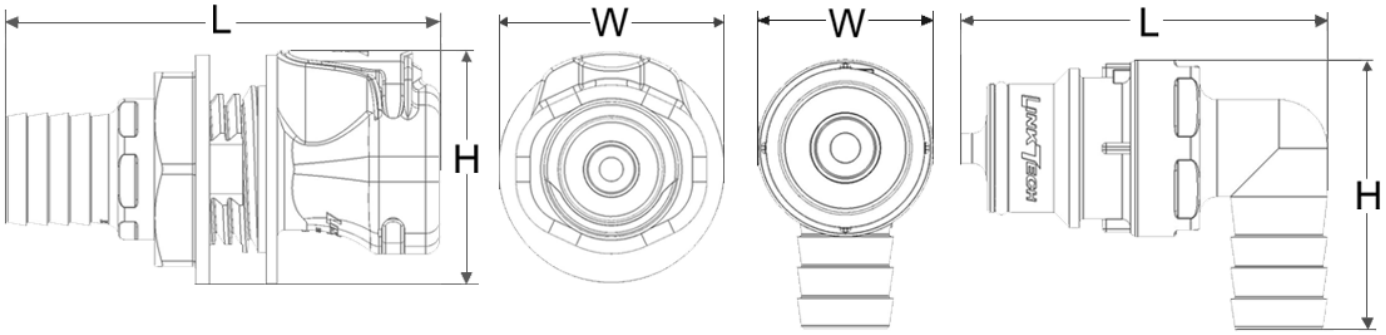


Non-Valved Socket & Plug



tel: 805-339-0055 | fax: 805-512-7130 | 3000 Bunsen Ave., Ventura, CA 93003 USA





Reference Dimensions (Scaled Down): L = Length, W = Width, H = Height

Panel Mount Dimensions

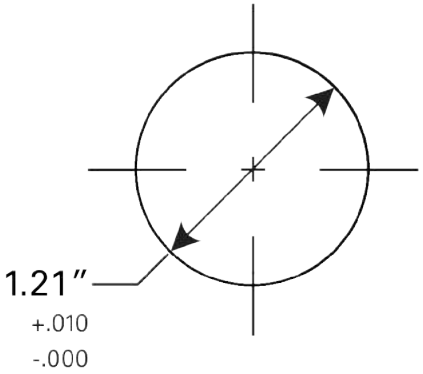
	PANEL OPENING	MAX PANEL THICKNESS	MIN PANEL THICKNESS
SOCKETS	See Drawing	0.3"	0.03"
PLUGS	1.21"	0.3"	0.03"

PANEL NUT HEX SIZE
1.375"

PART NUMBER GUIDE EXAMPLE:

60 PS V - PE 2 - 06

- 60 — FLOW SIZE OR LATCH TYPE
- PS — MATERIAL
- V — VALVE
- PE — CONFIG. AND O-RING
- 2 — TYPE
- 06 — CONNECTION SIZE



Flow Rates

The data below shows the liquid flow rates for LinkTech couplings. Each coupling combination was tested at 70° F (21°C).

Specific coupling combination flow rates can be determined by using this formula:

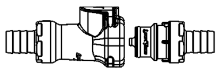
$$Q = C_v \sqrt{\frac{\Delta P}{S}}$$

Q = Flow rate in gallons per minute
C_v = Average flow rates (see chart)
ΔP = Pressure drop across coupling (psi)
S = Specific gravity of liquid.

C_v Values for 60PS Series Couplings

SOCKETS	60PS-PE2-06	60PSV-PE2-06	60PS-PE2-08	60PSV-PE2-08	60PS-PE4-06	60PSV-PE4-06	60PS-PE4-08	60PSV-PE4-08	60PS-PE1-06	60PSV-PE1-06	60PS-PE1-08	60PSV-PE1-08	60PS-PE2-12	60PSV-PE2-12
60PSV-SE1-06	1.27	1.27	1.62	1.51	1.14	1.14	1.46	1.36	1.80	1.58	1.70	1.65	-	-
60PSV-SE1-08	1.28	1.34	1.62	1.51	1.15	1.24	1.46	1.36	1.81	1.54	1.72	1.56	-	-
60PSV-SE3-06	1.07	1.00	1.17	1.14	0.96	0.90	1.05	1.03	1.33	1.26	1.30	1.24	-	-
60PSV-SE3-08	1.25	1.23	1.61	1.52	1.13	1.11	1.45	1.37	1.79	1.60	1.68	1.56	-	-
60PSV-SE2-06	1.07	1.00	1.17	1.14	0.96	0.90	1.05	1.03	1.33	1.26	1.30	1.24	-	-
60PSV-SE2-08	1.25	1.23	1.61	1.52	1.13	1.11	1.45	1.37	1.79	1.60	1.68	1.56	-	-
60PS-S2-12	-	-	-	-	-	-	-	-	-	-	-	-	3.94	-
60PSV-SE2-12	-	-	-	-	-	-	-	-	-	-	-	-	-	2.04

Interchangeable with
CPC®- Colder HFC35 Series









60PS

Tubing Size 3/8" - 3/4" 3/8" Flow Polysulfone



MALE THREAD SOCKET

NON-VALVED	VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
60PS-S1-06	60PSV-SE1-06	3/8" NPT	2.78" (71mm)	1.36" (35mm)	1.44" (37mm)
60PS-S1-08	60PSV-SE1-08	1/2" NPT	2.93" (74mm)	1.36" (35mm)	1.44" (37mm)



IN-LINE HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PS-S2-06	60PSV-SE2-06	3/8" ID	9.5mm ID	2.82" (72mm)	1.36" (35mm)	1.44" (37mm)
60PS-S2-08	60PSV-SE2-08	1/2" ID	12.7mm ID	2.92" (74mm)	1.36" (35mm)	1.44" (37mm)
60PS-S2-12	60PSV-SE2-12	3/4" ID	19.0mm ID	2.97" (75mm)	1.36" (35mm)	1.44" (37mm)



PANEL MOUNT HOSE BARB SOCKET (GASKET SEAL INCLUDED)

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PS-S3-06	60PSV-SE3-06	3/8" ID	9.5mm ID	2.90" (74mm)	1.62" (41mm)	1.65" (42mm)
60PS-S3-08	60PSV-SE3-08	1/2" ID	12.7mm ID	3.07" (78mm)	1.62" (41mm)	1.65" (42mm)
60PS-S3-12	60PSV-SE3-12	3/4" ID	19.0mm ID	3.12" (79mm)	1.62" (41mm)	1.65" (42mm)



PANEL MOUNT HOSE BARB ELBOW SOCKET (GASKET SEAL INCLUDED)

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PS-S22-06	60PSV-SE22-06	3/8" ID	9.5mm ID	2.96" (75mm)	1.62" (41mm)	1.73" (44mm)
60PS-S22-08	60PSV-SE22-08	1/2" ID	12.7mm ID	2.96" (75mm)	1.62" (41mm)	1.83" (46mm)



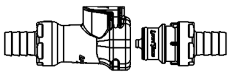
*External product dimensions are the same with or without a shut off valve

PART NUMBER GUIDE EXAMPLE:

60 PS V - PE 2 - 06

60	PS	V	PE	2	06
FLOW SIZE OR LATCH TYPE	MATERIAL	VALVE	CONFIG. AND O-RING	TYPE	CONNECTION SIZE

tel: 805-339-0055 | fax: 805-512-7130 | 3000 Bunsen Ave., Ventura, CA 93003 USA



Interchangeable with
CPC®- Colder HFC35 Series

NON-VALVED



MALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
60PS-PE1-06	3/8" NPT	2.82" (72mm)	1.14" (29mm)	1.00" (25mm)
60PS-PE1-08	1/2" NPT	2.82" (72mm)	1.14" (29mm)	1.00" (25mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PS-PE2-06	3/8" ID	9.5mm ID	1.91" (49mm)	1.00" (25mm)	1.00" (25mm)
60PS-PE2-08	1/2" ID	12.7mm ID	2.01" (51mm)	1.00" (25mm)	1.00" (25mm)
60PS-PE2-12	3/4" ID	19.0mm ID	2.01" (51mm)	1.00" (25mm)	1.00" (25mm)



PANEL MOUNT HOSE BARB PLUG (GASKET SEAL INCLUDED)

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PS-PE3-06	3/8" ID	9.5mm ID	2.78" (71mm)	1.62" (41mm)	1.62" (41mm)
60PS-PE3-08	1/2" ID	12.7mm ID	2.88" (73mm)	1.62" (41mm)	1.62" (41mm)
60PS-PE3-12	3/4" ID	19.0mm ID	2.93" (74mm)	1.62" (41mm)	1.62" (41mm)



PANEL MOUNT HOSE BARB PLUG (GASKET SEAL INCLUDED)

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PS-PE22-06	3/8" ID	9.5mm ID	2.86" (73mm)	1.62" (41mm)	1.73" (44mm)
60PS-PE22-08	1/2" ID	12.7mm ID	2.86" (73mm)	1.62" (41mm)	1.83" (46mm)



ELBOW HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PS-PE4-06	3/8" ID	9.5mm ID	1.98" (50mm)	1.00" (25mm)	1.43" (36mm)
60PS-PE4-08	1/2" ID	12.7mm ID	1.98" (50mm)	1.00" (25mm)	1.53" (39mm)

VALVED



MALE THREAD PLUG

VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
60PSV-PE1-06	3/8" NPT	2.92" (74mm)	1.14" (29mm)	1.00" (25mm)
60PSV-PE1-08	1/2" NPT	2.92" (74mm)	1.14" (29mm)	1.00" (25mm)



IN-LINE HOSE BARB PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PSV-PE2-06	3/8" ID	9.5mm ID	2.05" (52mm)	1.00" (25mm)	1.00" (25mm)
60PSV-PE2-08	1/2" ID	12.7mm ID	2.15" (55mm)	1.00" (25mm)	1.00" (25mm)
60PSV-PE2-12	3/4" ID	19.0mm ID	2.20" (56mm)	1.00" (25mm)	1.00" (25mm)



PANEL MOUNT HOSE BARB PLUG (GASKET SEAL INCLUDED)

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PSV-PE3-06	3/8" ID	9.5mm ID	2.92" (74mm)	1.62" (41mm)	1.62" (41mm)
60PSV-PE3-08	1/2" ID	12.7mm ID	3.02" (77mm)	1.62" (41mm)	1.62" (41mm)
60PSV-PE3-12	3/4" ID	19.0mm ID	3.07" (78mm)	1.62" (41mm)	1.62" (41mm)



PANEL MOUNT HOSE BARB PLUG (GASKET SEAL INCLUDED)

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PSV-PE22-06	3/8" ID	9.5mm ID	3.00" (76mm)	1.62" (41mm)	1.73" (44mm)
60PSV-PE22-08	1/2" ID	12.7mm ID	3.00" (76mm)	1.62" (41mm)	1.83" (46mm)



ELBOW HOSE BARB PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PSV-PE4-06	3/8" ID	9.5mm ID	2.12" (54mm)	1.00" (25mm)	1.43" (36mm)
60PSV-PE4-08	1/2" ID	12.7mm ID	2.12" (54mm)	1.00" (25mm)	1.53" (39mm)

Tubing Size 3/8" - 3/4"
3/8" Flow Polysulfone

60PS SERIES

TUBING SIZE 3/8" - 3/4" | 3/8" FLOW POLYSULFONE

UV-RESISTANT BLACK-OUT COLOR



NEW

See our website for Solid Models

PERFORMANCE RATINGS

- Operating Pressure: Vacuum to 125 psi; (8.6bar)
- Temperature: -40°F to 280°F (-40°C to 138°C)
- Flow Capacity: 3/8" Size

MATERIALS & CONSTRUCTION

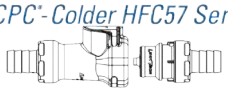
- Bodies & Terminations: UV-Resistant Udel® Polysulfone
- Internal Valves: UV-Resistant Udel® Polysulfone
- Internal Valve Springs: 316 Stainless Steel
- Latch Spring: Stainless Steel
- O-rings: Peroxide-cured EPDM (others available)
- Thumb-latch: UV-Resistant Udel® Polysulfone

Please contact us for cleanroom produced versions.

Interchange LinkTech Guarantee

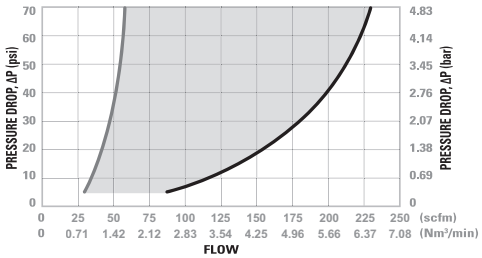
Interchangeable with

CPC®- Colder HFC57 Series

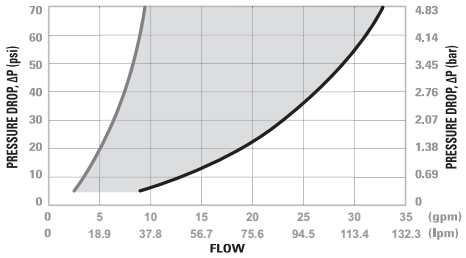


The new 60PS-Black Series couplings offer 3/8" flow size and are manufactured from high performance thermoplastic Udel Polysulfone. The solid "black-out" color allows for the ability to color key applications and provides a greater UV radiation resistance than 60PS-White couplings, in addition to their inherent stability at high temperatures. Available in both valved and non-valved configurations, these quick disconnect couplings are easy to use with their more robust thumb latch. They are manufactured to maintain a long service life in a variety of applications. The 60PS-Black Series couplings interconnect with all other 60 series couplings as well as other similar industry thumb-latch type high flow couplings.

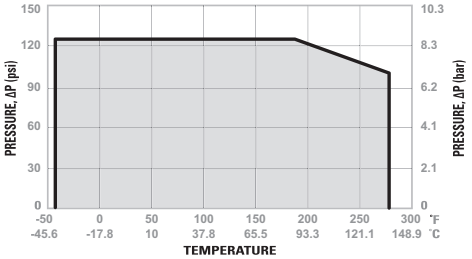
60PS Series Air Flow



60PS Series Water Flow



60PS Series Temperature



Valved Socket & Plug



Valved & Non-Valved Coupling Set

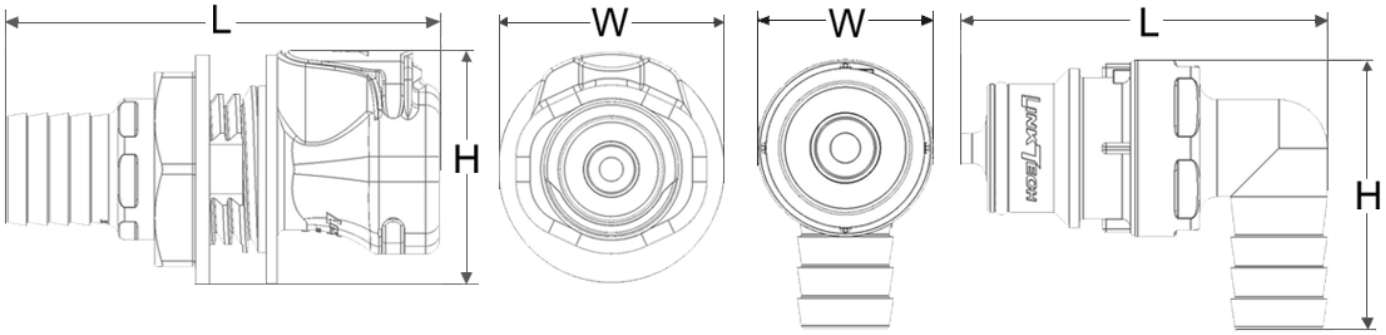


Non-Valved Socket & Plug



tel: 805-339-0055 | fax: 805-512-7130 | 3000 Bunsen Ave., Ventura, CA 93003 USA

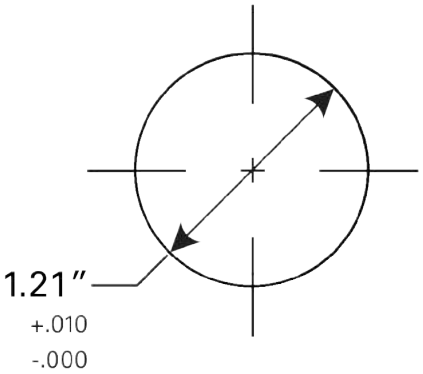




Reference Dimensions (Scaled Down): L = Length, W = Width, H = Height

Panel Mount Dimensions

	PANEL OPENING	MAX PANEL THICKNESS	MIN PANEL THICKNESS
SOCKETS	See Drawing	0.3"	0.03"
PLUGS	1.21"	0.3"	0.03"



PANEL NUT HEX SIZE
1.375"

PART NUMBER GUIDE EXAMPLE:

60 PS V - SE 2 - 08BLK

- 60 — FLOW SIZE OR LATCH TYPE
- PS — MATERIAL
- V — VALVE
- SE — CONFIG. AND O-RING
- 2 — TYPE
- 08 — CONNECTION SIZE
- BLK — COLOR OPTION

Flow Rates

The data below shows the liquid flow rates for LinkTech couplings. Each coupling combination was tested at 70° F (21°C).

Specific coupling combination flow rates can be determined by using this formula:

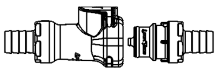
$$Q = C_v \sqrt{\frac{\Delta P}{S}}$$

Q = Flow rate in gallons per minute
C_v = Average flow rates (see chart)
ΔP = Pressure drop across coupling (psi)
S = Specific gravity of liquid.

C_v Values for 60PS Series Couplings

SOCKETS	60PS-PE2-06 BLK	60PSV-PE2-06 BLK	60PS-PE2-08 BLK	60PSV-PE2-08 BLK	60PS-PE4-06 BLK	60PSV-PE4-06 BLK	60PS-PE4-08 BLK	60PSV-PE4-08 BLK	60PS-PE1-06 BLK	60PSV-PE1-06 BLK	60PS-PE1-08 BLK	60PSV-PE1-08 BLK	60PS-PE2-12 BLK	60PSV-PE2-12 BLK
60PSV-SE1-06BLK	1.27	1.27	1.62	1.51	1.14	1.14	1.46	1.36	1.80	1.58	1.70	1.65	-	-
60PSV-SE1-08BLK	1.28	1.34	1.62	1.51	1.15	1.24	1.46	1.36	1.81	1.54	1.72	1.56	-	-
60PSV-SE3-06BLK	1.07	1.00	1.17	1.14	0.96	0.90	1.05	1.03	1.33	1.26	1.30	1.24	-	-
60PSV-SE3-08BLK	1.25	1.23	1.61	1.52	1.13	1.11	1.45	1.37	1.79	1.60	1.68	1.56	-	-
60PSV-SE2-06BLK	1.07	1.00	1.17	1.14	0.96	0.90	1.05	1.03	1.33	1.26	1.30	1.24	-	-
60PSV-SE2-08BLK	1.25	1.23	1.61	1.52	1.13	1.11	1.45	1.37	1.79	1.60	1.68	1.56	-	-
60PS-S2-12BLK	-	-	-	-	-	-	-	-	-	-	-	-	3.94	-
60PSV-SE2-12BLK	-	-	-	-	-	-	-	-	-	-	-	-	-	2.04

Interchangeable with
CPC®- Colder HFC57 Series









60PS

Tubing Size 3/8" - 3/4"
3/8" Flow Polysulfone



MALE THREAD SOCKET

NON-VALVED	VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
60PS-S1-06BLK	60PSV-SE1-06BLK	3/8" NPT	2.78'' (71mm)	1.36'' (35mm)	1.44'' (37mm)
60PS-S1-08BLK	60PSV-SE1-08BLK	1/2" NPT	2.93'' (74mm)	1.36'' (35mm)	1.44'' (37mm)



IN-LINE HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PS-S2-06BLK	60PSV-SE2-06BLK	3/8" ID	9.5mm ID	2.82'' (72mm)	1.36'' (35mm)	1.44'' (37mm)
60PS-S2-08BLK	60PSV-SE2-08BLK	1/2" ID	12.7mm ID	2.92'' (74mm)	1.36'' (35mm)	1.44'' (37mm)
60PS-S2-12BLK	60PSV-SE2-12BLK	3/4" ID	19.0mm ID	2.97'' (75mm)	1.36'' (35mm)	1.44'' (37mm)



PANEL MOUNT HOSE BARB SOCKET (GASKET SEAL INCLUDED)

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PS-S3-06BLK	60PSV-SE3-06BLK	3/8" ID	9.5mm ID	2.90'' (74mm)	1.62'' (41mm)	1.65'' (42mm)
60PS-S3-08BLK	60PSV-SE3-08BLK	1/2" ID	12.7mm ID	3.07'' (78mm)	1.62'' (41mm)	1.65'' (42mm)
60PS-S3-12BLK	60PSV-SE3-12BLK	3/4" ID	19.0mm ID	3.12'' (79mm)	1.62'' (41mm)	1.65'' (42mm)



PANEL MOUNT HOSE BARB ELBOW SOCKET (GASKET SEAL INCLUDED)

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PS-S22-06BLK	60PSV-SE22-06BLK	3/8" ID	9.5mm ID	2.96'' (75mm)	1.62'' (41mm)	1.73'' (44mm)
60PS-S22-08BLK	60PSV-SE22-08BLK	1/2" ID	12.7mm ID	2.96'' (75mm)	1.62'' (41mm)	1.83'' (46mm)



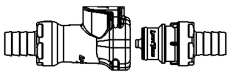
*External product dimensions are the same with or without a shut off valve

PART NUMBER GUIDE EXAMPLE:

60 PS V - SE 2 - 08BLK

60	PS	V	SE	2	08	BLK
FLOW SIZE OR LATCH TYPE	MATERIAL	VALVE	CONFIG. AND O-RING	TYPE	CONNECTION SIZE	COLOR OPTION

tel: 805-339-0055 | fax: 805-512-7130 | 3000 Bunsen Ave., Ventura, CA 93003 USA



Interchangeable with
CPC®- Colder HFC57 Series

NON-VALVED



MALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
60PS-PE1-06BLK	3/8" NPT	2.82" (72mm)	1.14" (29mm)	1.00" (25mm)
60PS-PE1-08BLK	1/2" NPT	2.82" (72mm)	1.14" (29mm)	1.00" (25mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PS-PE2-06BLK	3/8" ID	9.5mm ID	1.91" (49mm)	1.00" (25mm)	1.00" (25mm)
60PS-PE2-08BLK	1/2" ID	12.7mm ID	2.01" (51mm)	1.00" (25mm)	1.00" (25mm)
60PS-PE2-12BLK	3/4" ID	19.0mm ID	2.01" (51mm)	1.00" (25mm)	1.00" (25mm)



PANEL MOUNT HOSE BARB PLUG (GASKET SEAL INCLUDED)

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PS-PE3-06BLK	3/8" ID	9.5mm ID	2.78" (71mm)	1.62" (41mm)	1.62" (41mm)
60PS-PE3-08BLK	1/2" ID	12.7mm ID	2.88" (73mm)	1.62" (41mm)	1.62" (41mm)
60PS-PE3-12BLK	3/4" ID	19.0mm ID	2.93" (74mm)	1.62" (41mm)	1.62" (41mm)



PANEL MOUNT HOSE BARB PLUG (GASKET SEAL INCLUDED)

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PS-PE22-06BLK	3/8" ID	9.5mm ID	2.86" (73mm)	1.62" (41mm)	1.73" (44mm)
60PS-PE22-08BLK	1/2" ID	12.7mm ID	2.86" (73mm)	1.62" (41mm)	1.83" (46mm)



ELBOW HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PS-PE4-06BLK	3/8" ID	9.5mm ID	1.98" (50mm)	1.00" (25mm)	1.43" (36mm)
60PS-PE4-08BLK	1/2" ID	12.7mm ID	1.98" (50mm)	1.00" (25mm)	1.53" (39mm)

VALVED



MALE THREAD PLUG

VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
60PSV-PE1-06BLK	3/8" NPT	2.92" (74mm)	1.14" (29mm)	1.00" (25mm)
60PSV-PE1-08BLK	1/2" NPT	2.92" (74mm)	1.14" (29mm)	1.00" (25mm)



IN-LINE HOSE BARB PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PSV-PE2-06BLK	3/8" ID	9.5mm ID	2.05" (52mm)	1.00" (25mm)	1.00" (25mm)
60PSV-PE2-08BLK	1/2" ID	12.7mm ID	2.15" (55mm)	1.00" (25mm)	1.00" (25mm)
60PSV-PE2-12BLK	3/4" ID	19.0mm ID	2.20" (56mm)	1.00" (25mm)	1.00" (25mm)



PANEL MOUNT HOSE BARB PLUG (GASKET SEAL INCLUDED)

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PSV-PE3-06BLK	3/8" ID	9.5mm ID	2.92" (74mm)	1.62" (41mm)	1.62" (41mm)
60PSV-PE3-08BLK	1/2" ID	12.7mm ID	3.02" (77mm)	1.62" (41mm)	1.62" (41mm)
60PSV-PE3-12BLK	3/4" ID	19.0mm ID	3.07" (78mm)	1.62" (41mm)	1.62" (41mm)



PANEL MOUNT HOSE BARB PLUG (GASKET SEAL INCLUDED)

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PSV-PE22-06BLK	3/8" ID	9.5mm ID	3.00" (76mm)	1.62" (41mm)	1.73" (44mm)
60PSV-PE22-08BLK	1/2" ID	12.7mm ID	3.00" (76mm)	1.62" (41mm)	1.83" (46mm)



ELBOW HOSE BARB PLUG

VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
60PSV-PE4-06BLK	3/8" ID	9.5mm ID	2.12" (54mm)	1.00" (25mm)	1.43" (36mm)
60PSV-PE4-08BLK	1/2" ID	12.7mm ID	2.12" (54mm)	1.00" (25mm)	1.53" (39mm)

65GP SERIES

TUBING SIZE 1/2" - 3/4" | 1/2" FLOW GLASS FILLED POLYPROPYLENE



PERFORMANCE RATINGS

- Operating Pressure: Vacuum to 120psi; (8.3bar)
- Temperature: 32°F to 160°F; (0°C to 71°C)
- Flow Capacity: 1/2" Size

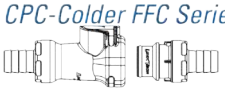
65GP Series couplings offer 1/2" flow capacity and are manufactured from a high performance glass filled polypropylene. 65GP couplings have a full flow, non-valved, smooth internal bore that allows for maximum flow with minimal turbulence. 65GP couplings are extremely durable and are well suited for applications that require chemical resistance. 65GP Series couplings interconnect with and are compatible with many other plastic latch type couplings.

MATERIALS & CONSTRUCTION

- Bodies & Terminations: Glass Filled Polypropylene
- Thumb-latch: Acetal copolymer
- Springs: Stainless Steel
- O-rings: Food Grade EPDM (others available)

See our website for Solid Models

Interchangeable with *CPC-Colder FFC Series*



FEATURES:

- Audible "click" when connected
- Connects with other plastic latch type couplings
- Extremely durable
- Integral end terminations
- Small and compact
- One hand operation
- Resistant to acids and chemicals
- Latch guard eliminates accidental disconnects
- Stainless steel latch spring
- Large push button

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65GP

Tubing Size 1/2" - 3/4"
1/2" Flow Glass Filled Polypro.



IN-LINE HOSE BARB SOCKET

NON-VALVED	TUBE SIZE	LENGTH	WIDTH	HEIGHT
65GP-S2-12	3/4" ID	2.93" (74mm)	1.37" (35mm)	1.45" (37mm)



MALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
65GP-PF1-08	1/2" NPT	1.95" (50mm)	1.00" (25mm)	1.00" (25mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	LENGTH	WIDTH	HEIGHT
65GP-PF2-08	1/2" ID	1.95" (50mm)	1.00" (25mm)	1.00" (25mm)



SOCKET



PLUG

65PS SERIES

TUBING SIZE 1/2" - 3/4" | 1/2" FLOW POLYSULFONE



NEW

See our website for Solid Models

PERFORMANCE RATINGS

- Operating Pressure: Vacuum to 125psi; (8.6bar)
- Temperature: -40°F to 280°F; (-40°C to 138°C)
- Flow Capacity: 1/2" Size

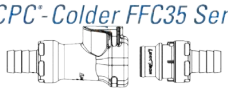
MATERIALS & CONSTRUCTION

- Bodies & Terminations: Udel® Polysulfone
- Thumb-latch: Udel® Polysulfone
- Springs: Stainless Steel
- O-rings: FDA Buna (others available)
- Panel Mount Gasket: EPDM

Please contact us for NSF compliant and cleanroom produced versions.

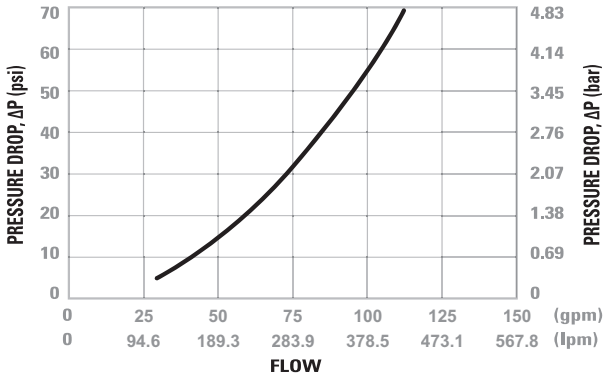
Interchangeable with

CPC®-Colder FFC35 Series



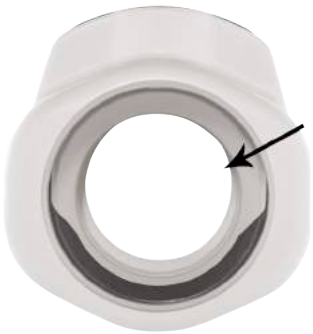
65PS Series couplings offer 1/2" flow capacity and are manufactured from high performance thermoplastic Udel Polysulfone. 65PS couplings have a full flow, non-valved, smooth internal bore that doubles the flow of the 60 Series with minimal turbulence. These autoclavable couplings are extremely durable and withstand chemical resistance. 65PS Series couplings interconnect with 65GP Series as well as other compatible plastic latch type couplings.

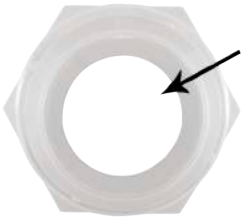
65PS Series Water Flow



Non-Valved Socket & Plug







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65PS

Tubing Size 1/2" - 3/4"
1/2" Flow Polysulfone



MALE THREAD SOCKET

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
65PS-S1-08	1/2" NPT	2.93" (74mm)	1.36" (35mm)	1.44" (37mm)



IN-LINE HOSE BARB SOCKET

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
65PS-S2-12	3/4" ID	19.0mm ID	2.97" (75mm)	1.36" (35mm)	1.44" (37mm)



PANEL MOUNT HOSE BARB SOCKET (GASKET SEAL INCLUDED)

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
65PS-S3-12	3/4" ID	19.0mm ID	3.12" (79mm)	1.62" (41mm)	1.65" (42mm)



MALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
65PS-PFB1-08	1/2" NPT	2.82'' (72mm)	1.14" (29mm)	1.00" (25mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
65PS-PFB2-12	3/4" ID	19.0mm ID	2.01'' (51mm)	1.00" (25mm)	1.00" (25mm)



PANEL MOUNT HOSE BARB PLUG (GASKET SEAL INCLUDED)

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
65PS-PFB3-12	3/4" ID	19.0mm ID	2.93'' (74mm)	1.62" (41mm)	1.62" (41mm)

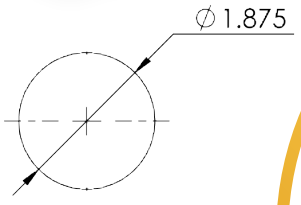
100AC SERIES

TUBING SIZE 1/16" - 1/8" | 1/16" FLOW ACETAL (POM)



NEW

See our website for Solid Models



The new 100AC Series couplings offer 1/16" flow capacity and are produced in a durable natural Acetal (POM) thermoplastic making them resistant to most mild chemicals. These couplings feature an intuitive slide latch that easily connects and disconnects up to ten fluid lines, with or without valves on the socket side. The new 100AC Series couplings can accommodate up to ten 1/16", 3mm or 1/8" flow size inserts to meet specific application needs. The 100AC Series couplings interconnect with the 100PP Series couplings as well as other similar industry multi-line slide-latch type couplings.

PERFORMANCE RATINGS

- Operating Pressure: Vacuum to 100psi; (6.9bar)
- Temperature: -40˚F to 180˚F; (40˚C to 82˚C)
- Flow Capacity: 1/16" Size

MATERIALS & CONSTRUCTION

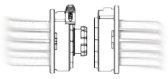
- Main Housing: Acetal (POM)
- Fitted Inserts: Acetal (POM)
- Internal Valves: Acetal (POM)
- Internal Valve Springs: 316 Stainless Steel
- O-rings: Buna-N (others available)

Please contact us for cleanroom produced versions.

Interchange Link-Tech Guarantee

Interchangeable with

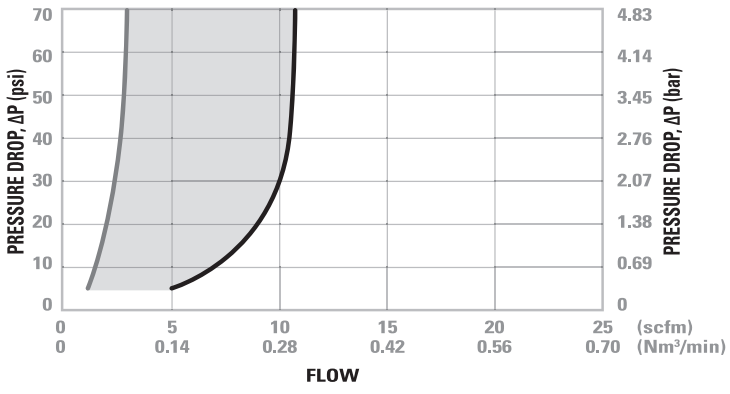
CPC®-Colder Tentube™ Series



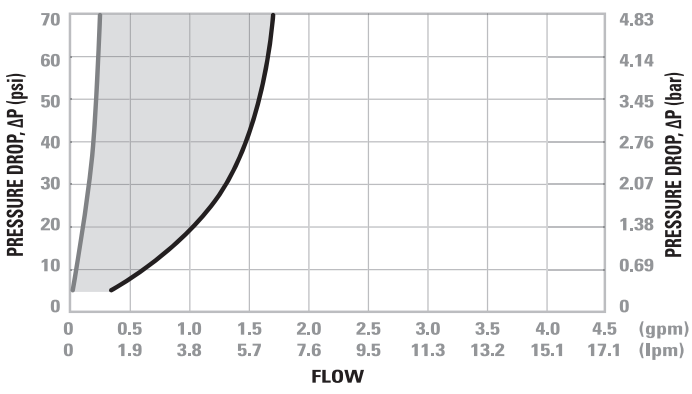
Panel Mount Dimensions

PANEL OPENING	MAX PANEL THICKNESS	MIN PANEL THICKNESS
See Drawing	0.44"	0.06"

100AC Series Air Flow



100AC Series Water Flow



Valved Socket & Plug



Valved & Non-Valved Coupling Set



Non-Valved Socket & Plug



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100AC

Tubing Size 1/16" - 1/8"
1/16" Flow Acetal (POM)



IN-LINE HOSE BARB SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
100AC-S2-01	100ACV-SB2-01	1/16'' ID	1.6mm ID	0.90 (23mm)	1.90 (48mm)	1.90 (48mm)
100AC-S2-M3	100ACV-SB2-M3	N/A	3.0mm ID	1.00 (25mm)	1.90 (48mm)	1.90 (48mm)
100AC-S2-02	100ACV-SB2-02	1/8'' ID	3.2mm ID	0.90 (23mm)	1.90 (48mm)	1.90 (48mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
100AC-PB2-01	1/16'' ID	1.6mm ID	1.16 (30mm)	1.90 (48mm)	2.04 (52mm)
100AC-PB2-M3	N/A	3.0mm ID	1.22 (31mm)	1.90 (48mm)	2.04 (52mm)
100AC-PB2-02	1/8'' ID	3.2mm ID	1.31 (33mm)	1.90 (48mm)	2.04 (52mm)



SOCKET HOUSING, WITHOUT INSERTS

PART NO.	MATERIAL	LENGTH	WIDTH	HEIGHT
100-S2	ACETAL	0.60 (15mm)	1.90 (48mm)	1.90 (48mm)



PLUG HOUSING, WITHOUT INSERTS

PART NO.	MATERIAL	LENGTH	WIDTH	HEIGHT
100-P2	ACETAL	1.12 (29mm)	1.90 (48mm)	2.04 (52mm)



IN-LINE HOSE BARB COUPLING SET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
100AC2-01	100ACV2-01	1/16'' ID	1.6mm ID	1.45 (37mm)	1.90 (48mm)	2.04 (52mm)
100AC2-M3	100ACV2-M3	N/A	3.0mm ID	1.61 (41mm)	1.90 (48mm)	2.04 (52mm)
100AC2-02	100ACV2-02	1/8'' ID	3.2mm ID	1.60 (41mm)	1.90 (48mm)	2.04 (52mm)



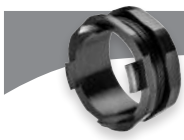
IN-LINE HOSE BARB PLUG, NO SLEEVE

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10AC-PB2-01NSBLK	1/16" ID	1.6mm ID	.75" (19mm)	.32" (8mm)	.32" (8mm)
10AC-PB2-M3NSBLK	N/A	3.0mm ID	.80" (19mm)	.32" (8mm)	.32" (8mm)
10AC-PB2-02NSBLK	1/8" ID	3.2mm ID	.90" (23mm)	.32" (8mm)	.32" (8mm)



IN-LINE HOSE BARB SOCKET, NO SLEEVE

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10AC-S2-01NSBLK	10ACV-SB2-01NSBLK	1/16" ID	1.6mm ID	.90" (23mm)	.32" (8mm)	.32" (8mm)
10AC-S2-M3NSBLK	10ACV-SB2-M3NSBLK	N/A	3.0mm ID	.90" (23mm)	.32" (8mm)	.32" (8mm)
10AC-S2-02NSBLK	10ACV-SB2-02NSBLK	1/8" ID	3.2mm ID	.90" (23mm)	.32" (8mm)	.32" (8mm)



PANEL MOUNT ADAPTER AND NUT

PART NUMBER	MATERIAL	THICKNESS	LENGTH	WIDTH	HEIGHT
100-PM3	ACETAL	7/16"	1.09 (28mm)	2.03 (52mm)	2.08 (53mm)

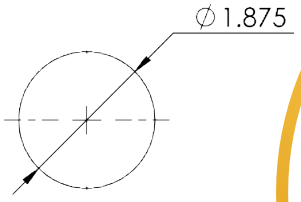
100PP SERIES

TUBING SIZE 1/16" - 1/8" | 1/16" FLOW POLYPROPYLENE



NEW

See our website for Solid Models



The new 100PP Series couplings offer 1/16" flow capacity and are produced from medical grade, gamma sterilizable polypropylene. These couplings feature an intuitive slide latch that easily connects and disconnects up to ten fluid lines with a free flowing path. The new 100PP Series couplings can accommodate up to ten 1/16", 3mm or 1/8" flow size inserts to meet specific application needs. The 100PP Series couplings interconnect with the 100AC Series couplings as well as other similar industry multi-line slide-latch type couplings.

PERFORMANCE RATINGS

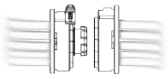
- Operating Pressure: Vacuum to 100psi; (6.9bar)
- Temperature: 32˚F to 160˚F; (0˚C to 71˚C)
- Flow Capacity: 1/16" Size

MATERIALS & CONSTRUCTION

- Main Housing: Acetal (POM)
- Fitted Inserts: Medical Grade Polypropylene
- O-rings: Peroxide-cured EPDM (others available)

Please contact us for cleanroom produced versions.

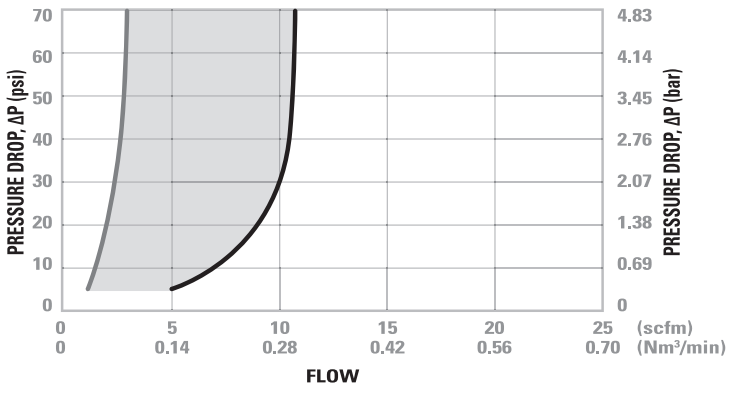
Interchangeable with *CPC®-Colder Tentube™ Series*



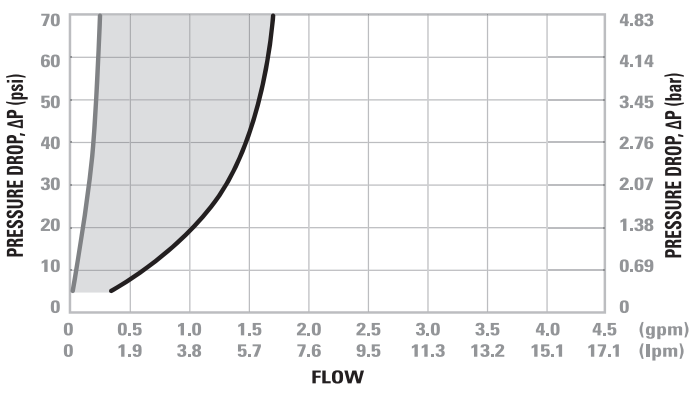
Panel Mount Dimensions

PANEL OPENING	MAX PANEL THICKNESS	MIN PANEL THICKNESS
See Drawing	0.44"	0.06"

100PP Series Air Flow



100PP Series Water Flow



Valved Socket & Plug



Valved & Non-Valved Coupling Set



Non-Valved Socket & Plug



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100PP

Tubing Size 1/16" - 1/8"
1/16" Flow Polypropylene



IN-LINE HOSE BARB SOCKET

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
100PP-S2-01	1/16'' ID	1.6mm ID	0.90 (23mm)	1.90 (48mm)	1.90 (48mm)
100PP-S2-M3	N/A	3.0mm ID	1.00 (25mm)	1.90 (48mm)	1.90 (48mm)
100PP-S2-02	1/8'' ID	3.2mm ID	0.90 (23mm)	1.90 (48mm)	1.90 (48mm)



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
100PP-PE2-01	1/16'' ID	1.6mm ID	1.16 (30mm)	1.90 (48mm)	2.04 (52mm)
100PP-PE2-M3	N/A	3.0mm ID	1.22 (31mm)	1.90 (48mm)	2.04 (52mm)
100PP-PE2-02	1/8'' ID	3.2mm ID	1.31 (33mm)	1.90 (48mm)	2.04 (52mm)



SOCKET HOUSING, WITHOUT INSERTS

PART NO.	MATERIAL	LENGTH	WIDTH	HEIGHT
100-S2	ACETAL	0.60 (15mm)	1.90 (48mm)	1.90 (48mm)



PLUG HOUSING, WITHOUT INSERTS

PART NO.	MATERIAL	LENGTH	WIDTH	HEIGHT
100-P2	ACETAL	1.12 (29mm)	1.90 (48mm)	2.04 (52mm)



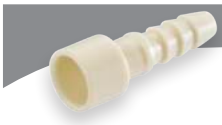
IN-LINE HOSE BARB COUPLING SET

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
100PP2-01	1/16'' ID	1.6mm ID	1.45 (37mm)	1.90 (48mm)	2.04 (52mm)
100PP2-M3	N/A	3.0mm ID	1.61 (41mm)	1.90 (48mm)	2.04 (52mm)
100PP2-02	1/8'' ID	3.2mm ID	1.60 (41mm)	1.90 (48mm)	2.04 (52mm)



IN-LINE HOSE BARB PLUG, NO SLEEVE

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10PP-PE2-01NS	1/16" ID	1.6mm ID	.75" (19mm)	.32" (8mm)	.32" (8mm)
10PP-PE2-M3NS	N/A	3.0mm ID	.80" (19mm)	.32" (8mm)	.32" (8mm)
10PP-PE2-02NS	1/8" ID	3.2mm ID	.90" (23mm)	.32" (8mm)	.32" (8mm)



IN-LINE HOSE BARB SOCKET, NO SLEEVE

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10PP-S2-01NS	1/16" ID	1.6mm ID	.90" (23mm)	.32" (8mm)	.32" (8mm)
10PP-S2-M3NS	N/A	3.0mm ID	.90" (23mm)	.32" (8mm)	.32" (8mm)
10PP-S2-02NS	1/8" ID	3.2mm ID	.90" (23mm)	.32" (8mm)	.32" (8mm)



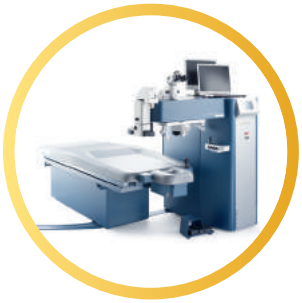
PANEL MOUNT ADAPTER AND NUT

PART NUMBER	MATERIAL	THICKNESS	LENGTH	WIDTH	HEIGHT
100-PM3	ACETAL	7/16"	1.09 (28mm)	2.03 (52mm)	2.08 (53mm)

MARKET SEGMENTS

Medical:

Surgical



Compression Cold Therapy



Wound Care



In Vitro Diagnostics



Industrial:

Cleaning Equipment



Chemical Handling



Packaging & Dispensing



Transportation



Food & Beverage:

Brewing



Drink Dispensing



Food Dispensing



Potable Water

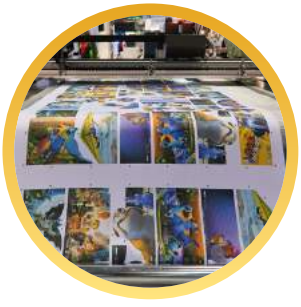


Ink:

DTG Printers



Sign & Graphics



Consumer:

Home Beds



Hydration



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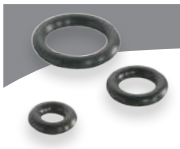


EXTERNAL REPLACEMENT PLUG O-RINGS WITH LUBE

COUPLING SERIES	PART NUMBER	DESCRIPTION
10AC SERIES	OB-006-GPBUNA	GENERAL PURPOSE BUNA-N
10PP SERIES	OE-006-PCEPDM	PEROXIDE CURED EPDM
20AC/20CB SERIES	OB-008-GPBUNA	GENERAL PURPOSE BUNA-N
20PP SERIES	OE-008-PCEPDM	PEROXIDE CURED EPDM
30AC SERIES	OB-008-GPBUNA	GENERAL PURPOSE BUNA-N
40AC/40CB SERIES	OB-011-GPBUNA	GENERAL PURPOSE BUNA-N
40PP SERIES	OE-011-PCEPDM	PEROXIDE CURED EPDM
42AB SERIES	OB-006-GPBUNA / OB-011-GPBUNA	GENERAL PURPOSE BUNA-N
50AC/50BAC SERIES	OB-011-GPBUNA	GENERAL PURPOSE BUNA-N
50PP SERIES	OE-011-PCEPDM	PEROXIDE CURED EPDM
50GP SERIES	OE-011-NSF61	FOOD GRADE EPDM
60PP/60PS SERIES	OE-016-PCEPDM	PEROXIDE CURED EPDM
65GP SERIES	OE-016-NSF61	FOOD GRADE EPDM
65PS SERIES	OB-016-FDABUNA	FDA BUNA-N
100AC SERIES	OB-006-GPBUNA	GENERAL PURPOSE BUNA-N
100PP SERIES	OE-006-PCEPDM	PEROXIDE CURED EPDM

** FOR NON-LUBED O-RINGS ADD "XL" TO THE END OF THE PART NUMBER.*
** PLEASE CONTACT US FOR NSF COMPLIANT VERSION O-RINGS.*



PANEL MOUNT SEALING GASKET

COUPLING SERIES	BUNA-N PART NO.	EPDM PART NO.
20 SERIES	C11040	C11105
40 SERIES	C11027	C11073
50 SERIES	C11027	C11073
50PP SERIES	N/A	C11376
60 SERIES	N/A	C11416



PLASTIC PANEL MOUNT NUTS

COUPLING SERIES	MATERIAL	PART NO.
20 SERIES	Acetal	C11365
40/50 SERIES	Acetal	C11252
60PP SERIES	Polypropylene	C11372
60PS SERIES	Polysulfone	C11398
65PS SERIES	Polysulfone	C11398



PANEL MOUNT NUTS

COUPLING SERIES	PLATED BRASS PART NO.	316 STAINLESS STEEL PART NO.
10 SERIES	C11270	N/A
20 SERIES	C377	C11085
40 SERIES	C131	C11044
50 SERIES	C131	C11044



PLATED BRASS PTF NUTS (FERRULELESS POLYTUBE FITTING)

TUBE SIZE	METRIC TUBE SIZE	PART NO.
5/32" OD	4.0mm OD	C11031
1/4" OD	6.4mm OD	C176
3/8" OD	9.5mm OD	C187

CUSTOM SOLUTIONS

LinkTech has developed hundreds of custom connection solutions for challenging applications. Our engineering staff is ready to work with your designers to solve application problems beyond the scope of our standard product offering. Whether it is a simple O-ring, color change, or a completely new and unique design, LinkTech offers its customers the best possible solution at the lowest possible cost.

To submit a New Product Request, go to our website and fill out the form on the Custom Products page.

LINKTECH CUSTOM DESIGNS INCLUDE:

MULTI-PORT COUPLINGS

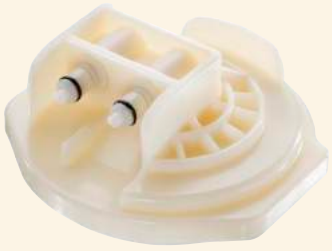


UNIQUE VALVED COUPLINGS



VALUE ADDED SERVICES

Filter Cap



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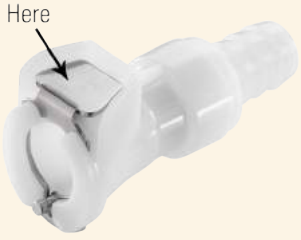
Custom Branding



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MOLDED COLOR COUPLINGS



Molded color couplings available upon request.

NON-SPILL CAPABILITIES



NON-STANDARD, HIGH PERFORMANCE COUPLING MATERIALS

Radel



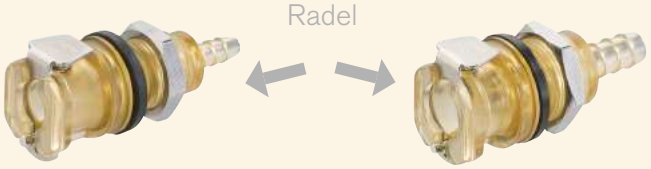
Stainless Steel



ABS



Radel



Aluminum



CUSTOM MOUNTING OPTIONS













PART NUMBER GUIDE EXAMPLE:

CL 20 AC V - PB 2 - 04 XL

CL	20	AC	V	PB	2	04	XL
CLEANROOM OPTION	FLOW SIZE OR LATCH TYPE	MATERIAL	VALVE	CONFIG. AND O-RING	TYPE	CONNECTION SIZE	PART OPTIONS (OPTIONAL)

PART NUMBER GUIDE

CLEANROOM OPTIONS	FLOW SIZE/ LATCH TYPE	MATERIAL	VALVE	CONFIG.	O-RING (STD BUNA-N)	TYPE	CONNECTION SIZE	PART OPTIONS
2B = Vacuum Packed, Double Poly Bagged	10 = 1/16" Flow (Twist Lock)	AC = Acetal	V = Valved (default is non-valved)	S = Socket	B = Buna-N	1 = In Line MNPT	01 = 1/16"	NL = No Latch
CL = Manufactured, Cleaned, Vacuum Packed, Double Poly Bagged	20 = 1/8" Flow (Metal Latch)	PP = Polypropylene	X = No Valve (in Valved Body)	P = Plug	E = Peroxide Cured EPDM	2 = In Line Hose Barb	M3 = 3mm	NN = No Nuts
	30 = 1/8" Flow (Plastic Latch)	CB = Chrome Plated Brass			F = Food Grade EPDM	3 = Panel Mount H.B.	02 = 1/8"	NLN = No Latch/Nuts
	40 = 1/4" Flow (Metal Latch)	AB = ABS			FB = FDA Buna-N	4 = Elbow H.B.	025 = 5/32"	XL = No O-ring Lube
	42 = 3/32" Flow (Dual Tube Metal Latch)	PS = Polysulfone				5 = Single Barb H.B.	03 = 3/16"	XX = No End Termination
	50 = 1/4" Flow (Plastic Latch)	GP = Glass Filled Polypro.				6 = End Stop	04 = 1/4"	NA = Nuts Assembled
	50B = 1/4" Flow (Breakaway Latch)	OTHER OPTIONS:			OTHER OPTIONS:	7 = Elbow, Single H.B.	05 = 5/16"	
	60 = 3/8" Flow (Plastic Latch)	AL = Aluminum			V = Viton	8 = Panel Mount PTF	06 = 3/8"	
	65 = 1/2" Free Flow (Plastic Latch)	NB = Nickel Plated Brass			S = Silicone	9 = In Line PTF	08 = 1/2"	
	100 = 1/16" Flow (Plastic Latch)	RD = Radel			K = Kalrez	10 = Elbow PTF	10 = 5/8"	
		PC = Polycarbonate			FK = Simriz / Markez	12 = Panel Mount Male Thread	1032 = 10/32"	
		SS = Stainless Steel			BN = Buna-N NSF 51	13 = In Line Female Thread	12 = 3/4"	
					EN = EPDM NSF 51	16 = Elbow MNPT	16 = 1"	
						17 = Push In Term In-line		
						18 = Push In Term Panel Mt.		
						19 = Panel Mount Female Thread		
						22 = Panel Mount H.B. Elbow		

**Please contact us for NSF Compliant versions.*

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STERILIZATION & DISINFECTANT COMPATIBILITY

MATERIAL	FORMALIN	ISOPROPYL ALCOHOL	ETHYL ALCOHOL	ETHYLENE OXIDE	AUTOCLAVE	E-BEAM (50 KILOGRAYS)	GAMMA 5 (50 KILOGRAYS)	DRY HEAT (250° F)
Acetal	Y	Y	Y	Y	Y	N	N	N
ABS	N	N/A	Y	Y	N	Y	Y	N
Polypropylene	Y	Y	Y	Y	N	Y	Y	N
Polysulfone	Y	Y	Y	Y	Y	Y	Y	Y
Glass Filled Polypropylene	Y	Y	Y	Y	N	N	N	N
Chrome / Brass	N	Y	Y	Y	Y	Y	Y	Y
Buna-N / Nitrile	Y	Y	Y	N	N	Y	Y	Y
EPR / EPDM	Y	Y	Y	Y	Y	Y	Y	Y
Viton / FKM	Y	Y	Y	N	N	N	N	Y
Silicone	Y	Y	Y	Y	Y	Y	Y	Y
Kalrez	Y	Y	Y	Y	Y	N	N	Y

KEY: Y = EXCELLENT, RECOMMENDED, N = NOT RECOMMENDED, N/A = NOT APPLICABLE

STERILIZATION METHODS:

Disinfectants: Sterilized coupled or uncoupled at 70°F (20°C)

Ethylene Oxide, EtO: Sterilized coupled or uncoupled, up to 5 repetitions, four hours max, 100% EtO at 110°F (43°C)

Autoclave: Sterilize uncoupled only, 30 min. max, 10 repetitions max, 250°F (121°C) max.

Electron Beam (E-Beam): Sterilize coupled or uncoupled, 50 kilograys max cumulative exposure.

GAMMA: Sterilize coupled or uncoupled, 50 kilograys max cumulative exposure.

Dry Heat: Sterilize uncoupled only, 250°F (121°C) 12 hours max.

REGULATORY APPROVALS:

The FDA publishes, through the Code of Federal Regulations, standardized criteria which govern the acceptability of materials used in food contact. The U.S. Department of Agriculture publishes similar standards that mirror FDA criteria. Neither agency approves or disapproves products.

With the exception of the 50GP and 65GP Series products, most LinkTech couplings comply with applicable FDA and USDA standards. LinkTech utilizes general purpose O-rings in standard product lines. In most cases, choosing a standard optional O-ring creates FDA compliancy.

NSF COMPLIANCE:

NSF International develops and publishes consensual criteria that govern the acceptability of materials and equipment used in food and beverage processing. LinkTech utilizes general purpose O-rings in standard product lines. In most cases, choosing a standard optional O-ring creates NSF compliancy.

With the exception of the 50GP and 65GP Series products, most LinkTech couplings are produced from materials that comply with most NSF standards for potable water and food contact applications.

QUESTIONS?

If you have any questions at all concerning our products, compliance, and specs, please feel free to call us at 805-339-0055 or visit our website.

ISO 9001:2008 REGISTERED COMPANY

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Unless otherwise specified, no association between LinkTech Quick Couplings Incorporated and any trademark holder is expressed or implied.

CHEMICAL COMPATIBILITY

CHEMICAL	POLYMERS				METALS		ELASTOMERS				
	ACETAL	ABS	POLYPROPYLENE	POLYSULFONE	CHROME PLATED BRASS	ALUMINUM	BUNA-N (NITRIL)	EPR/ EPDM	FLUOROCARBON (VITON)	SILICONE	KALREZ
Acetic Acid	D	C	B	A	D	B	D	A	D	B	A
Acetone	A	D	A	A	A	A	D	A	D	C	A
Air	A	A	A	A	A	A	A	A	A	A	A
Ammonia Anhydrous	D	B	A	C	A	A	B	A	D	C	A
Benzene	A	D	D	D	N/A	B	D	D	A	D	A
Carbon Dioxide	A	B	A	N/A	A	B	A	B	B	B	A
Chlorine Water	D	A	D	D	D	D	D	C	A	D	N/A
Ethanol (Ethyl Alcohol)	A	A	A	A	A	B	A	A	A	A	A
Ethylene Glycol	B	A	A	A	A	A	A	A	A	A	A
Gasoline, Unleaded	A	D	C	A	A	A	B	D	A	D	A
Hydrochloric Acid	C	C	B	A	D	D	D	C	A	D	A
Hydrofluoric Acid	D	C	C	A	D	D	D	D	B	D	A
Isopropyl Alcohol	A	A	A	A	B	B	B	B	B	A	A
Methyl Ethyl Ketone (MEK)	C	D	B	D	A	B	D	A	D	D	A
Methanol	A	D	A	A	A	A	A	A	D	A	A
Oxygen	A	B	A	A	A	A	B	A	A	A	A
Ozone	C	B	B	A	N/A	B	D	A	A	A	A
Sodium Hypochlorite	D	N/A	B	A	D	D	C	B	A	B	A
Steam	C	N/A	N/A	N/A	A	B				C	A
Sulfuric Acid, Air Free	N/A	B	C	B	C	D	D	D	A	D	A
Toluene	C	D	C	C	A	A	D	D	C	D	A
Trichloroethylene	D	D	C	C	B	D	D	D	A	D	B
Water, Fresh	A	A	A	A	C	B	A	A	B	A	A

KEY: A = EXCELLENT - NO EFFECT, B = GOOD - LITTLE OR NO EFFECT, C = FAIR - SOME EFFECT, D = NOT RECOMMENDED, N/A = NOT AVAILABLE.

CHEMICAL COMPATIBILITY

Chemicals can affect the strength, appearance, color, dimensions, and weight of plastics. Because many factors affect the chemical resistance of a given material it is the customer's responsibility to test LinkTech's couplings in their own application conditions. Please Contact LinkTech for further assistance with your application needs.

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COUPLING PERFORMANCE RATINGS

SERIES	COUPLING MATERIAL	O-RING MATERIAL	PRESSURE RATING	TEMP. RATING
10AC 1/16" Flow	Acetal	Buna-N	Vacuum to 100psi	-40°F to 180°F
10PP 1/16" Flow	Polypropylene	EPDM	Vacuum to 100psi	32°F to 160°F
20AC 1/8" Flow	Acetal	Buna-N	Vacuum to 120psi	-40°F to 180°F
20PP 1/8" Flow	Polypropylene	EPDM	Vacuum to 120psi	32°F to 160°F
20CB 1/8" Flow	Chrome/Brass	Buna-N	Vacuum to 250psi	-40°F to 180°F
30AC 1/8" Flow	Acetal	Buna-N	Vacuum to 120psi	-40°F to 180°F
40AC 1/4" Flow	Acetal	Buna-N	Vacuum to 120psi	-40°F to 180°F
40PP 1/4" Flow	Polypropylene	EPDM	Vacuum to 120psi	32°F to 160°F
40CB 1/4" Flow	Chrome/Brass	Buna-N	Vacuum to 250psi	-40°F to 180°F
42AB 3/32" Flow	ABS	Buna-N	Vacuum to 120psi	-40°F to 180°F
50AC 1/4" Flow	Acetal	Buna-N	Vacuum to 120psi	-40°F to 180°F
50PP 1/4" Flow	Polypropylene	EPDM	Vacuum to 100psi	32°F to 160°F
50BAC 1/4" Flow	Acetal	Buna-N	Opsi to 20psi	-40°F to 180°F
50GP 1/4" Flow	Glass Filled Polypropylene	EPDM	Vacuum to 120psi	32°F to 160°F
60PP 3/8" Flow	Polypropylene	EPDM	Vacuum to 60psi	32°F to 160°F
60PS 3/8" Flow	Polysulfone	EPDM	Vacuum to 125psi	-40°F to 280°F
65GP 1/2" Flow	Glass Filled Polypropylene	EPDM	Vacuum to 120psi	32°F to 160°F
65PS 1/2" Flow	Polysulfone	FDA Buna-N	Vacuum to 125psi	-40°F to 280°F
100AC 1/16" Flow	Acetal	Buna-N	Vacuum to 100psi	-40°F to 180°F
100PP 1/16" Flow	Polypropylene	EPDM	Vacuum to 100psi	32°F to 160°F



LINKTECH™
QUICK COUPLINGS INCORPORATED



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www.LinkTechCouplings.com

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ISO 9001:2008 REGISTERED COMPANY

INTERCHANGE LINKTECH GUARANTEE

Interchangeable with all other thumb-latch couplings in the marketplace.

2016 CATALOG