

# 60PS SERIES

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

HIGH TEMP  
BRIGHT WHITE  
COLOR



See our  
website for  
Solid Models

## 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

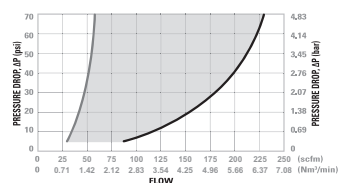


## PERFORMANCE RATINGS

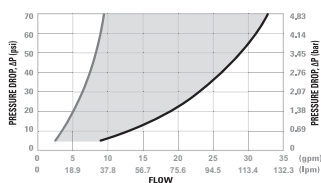
- Operating Pressure: Vacuum to 125 psi; (8.6bar)
- Temperature: -40°F to 280°F (-40°C to 138°C)
- Flow Capacity: 3/8" Size

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.

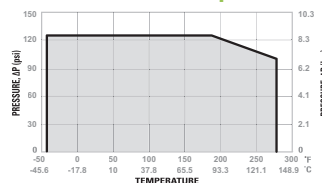
60PS Series Air Flow



60PS Series Water Flow



60PS Series Temperature



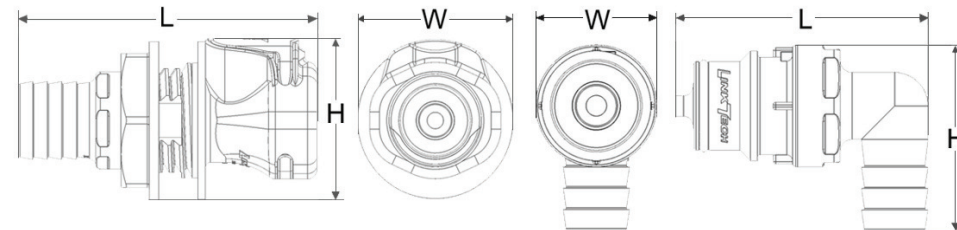
Valved Socket & Plug



Valved & Non-Valved Coupling Set



Non-Valved Socket & Plug



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"               |

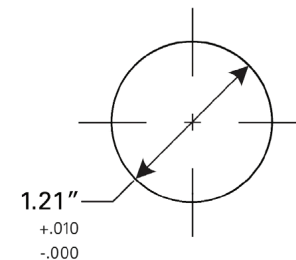
### PANEL NUT HEX SIZE

1.375"

PART NUMBER GUIDE EXAMPLE:

60 PS V - PE 2 - 06

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).

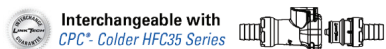
Specific coupling combination flow rates can be determined by using this formula:

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

Q = Flow rate in gallons per minute  
C<sub>v</sub> = Average flow rates (see chart)  
ΔP = Pressure drop across coupling (psi)  
S = Specific gravity of liquid.

## C<sub>v</sub> 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         |



# 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**

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



## 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) |