

60PS Series Couplings

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



Produced in high performance thermoplastic 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.

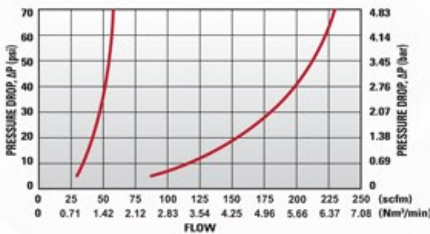
Performance Ratings:

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

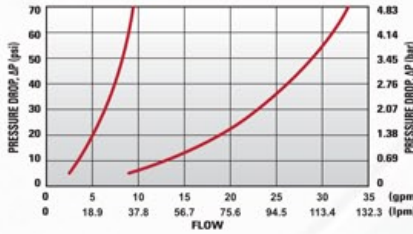
Materials & Construction:

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

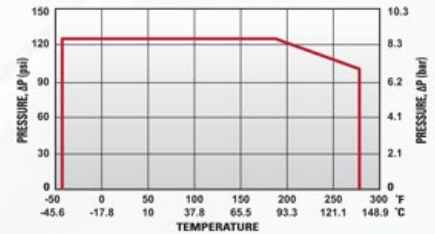
60PS Series Air Flow



60PS Series Water Flow



60PS Series Temperature



FLOW RATES

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

C_v Values for 60PS Series Couplings

SOCKETS	60PS-PE2-06	60PSV-PE2-06	60PS-PE2-08	60PSV-PE2-06	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

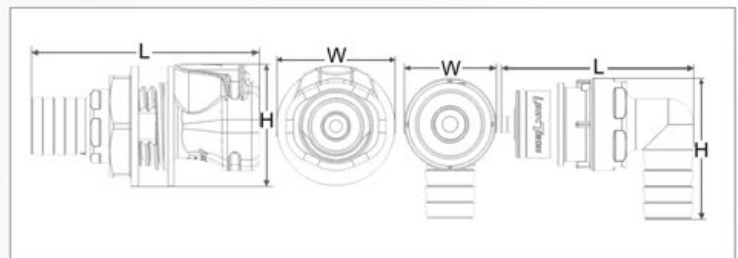
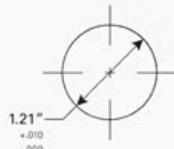
Specific coupling combination flow rates can be determined by using this formula:

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

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.

	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"



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

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

60PS Series Sockets



MALE THREAD SOCKET

Non-Valved	Valved	Thread Size	Length	Width	Height
60PS-S1-06	60PSV-SE1-06	3/8" NPT	2.78"	1.36"	1.44"
60PS-S1-08	60PSV-SE1-08	1/2" NPT	2.93"	1.36"	1.44"



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"	1.36"	1.44"
60PS-S2-08	60PSV-SE2-08	1/2" ID	12.7mm ID	2.92"	1.36"	1.44"
60PS-S2-12	60PSV-SE2-12	3/4" ID	19.0mm ID	2.97"	1.36"	1.44"



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"	1.62"	1.65"
60PS-S3-08	60PSV-SE3-08	1/2" ID	12.7mm ID	3.07"	1.62"	1.65"
60PS-S3-12	60PSV-SE3-12	3/4" ID	19.0mm ID	3.12"	1.62"	1.65"



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"	1.62"	1.73"
60PS-S22-08	60PSV-SE22-08	1/2" ID	12.7mm ID	2.96"	1.62"	1.83"



PANEL MOUNT SEALING GASKET

Part No.	Material	Diameter	Thickness
C11416	EPDM	1.62" OD	0.06"

60PS Series Plugs

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



MALE THREAD PLUG

Non-Valved	Valved	Thread Size	L(nv/v)	Width	Height
60PS-PE1-06	60PSV-PE1-06	3/8" NPT	2.82"/2.92"	1.14"	1.00"
60PS-PE1-08	60PSV-PE1-08	1/2" NPT	2.82"/2.92"	1.14"	1.00"



IN-LINE HOSE BARB PLUG

Non-Valved	Valved	Tube Size	Metric Tube	L(nv/v)	Width	Height
60PS-PE2-06	60PSV-PE2-06	3/8" ID	9.5mm ID	1.91"/2.05"	1.00"	1.00"
60PS-PE2-08	60PSV-PE2-08	1/2" ID	12.7mm ID	2.01"/2.15"	1.00"	1.00"
60PS-PE2-12	60PSV-PE2-12	3/4" ID	19.0mm ID	2.01"/2.20"	1.00"	1.00"



PANEL MOUNT HOSE BARB PLUG (GASKET SEAL INCLUDED)

Non-Valved	Valved	Tube Size	Metric Tube	L(nv/v)	Width	Height
60PS-PE3-06	60PSV-PE3-06	3/8" ID	9.5mm ID	2.78"/2.92"	1.62"	1.62"
60PS-PE3-08	60PSV-PE3-08	1/2" ID	12.7mm ID	2.88"/3.02"	1.62"	1.62"
60PS-PE3-12	60PSV-PE3-12	3/4" ID	19.0mm ID	2.93"/3.07"	1.62"	1.62"



PANEL MOUNT HOSE BARB ELBOW PLUG (GASKET SEAL INCLUDED)

Non-Valved	Valved	Tube Size	Metric Tube	L(nv/v)	Width	Height
60PS-PE22-06	60PSV-PE22-06	3/8" ID	9.5mm ID	2.86"/3.00"	1.62"	1.73"
60PS-PE22-08	60PSV-PE22-08	1/2" ID	12.7mm ID	2.86"/3.00"	1.62"	1.83"



ELBOW HOSE BARB PLUG

Non-Valved	Valved	Tube Size	Metric Tube	L(nv/v)	Width	Height
60PS-PE4-06	60PSV-PE4-06	3/8" ID	9.5mm ID	1.98"/2.12"	1.00"	1.43"
60PS-PE4-08	60PSV-PE4-08	1/2" ID	12.7mm ID	1.98"/2.12"	1.00"	1.53"