



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

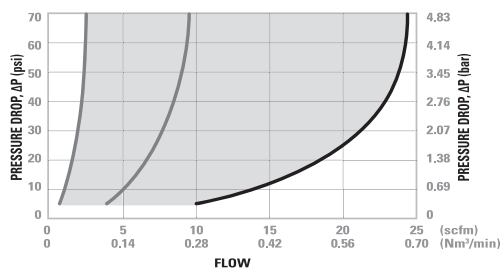
MATERIALS & CONSTRUCTION

- 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.

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



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-S9-02S	20ACV-SB9-02S	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)

Interchangeable with
CPC® Colder PMC Series



PANEL MOUNT PTF SOCKET

NON-VALVED	VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
20AC-S8-02S	20ACV-SB8-02S	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-S8-02SGS	20ACV-SB8-02SGS	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

|
 FLOW SIZE OR
 LATCH TYPE

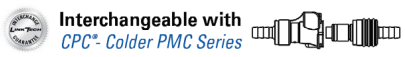
|
 MATERIAL

|
 VALVE

|
 CONFIG.
 AND
 O-RING

|
 TYPE

|
 CONNECTION
 SIZE



NON-VALVED



MALE THREAD PLUG

NON-VALVED	THREAD SIZE	LENGTH	WIDTH	HEIGHT
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	.78" (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

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



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	1.18" (30mm)	.50" (13mm)	.95" (24mm)
20ACV-PB4-04	1/4" ID	6.4mm ID	1.18" (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)