

100AC SERIES

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

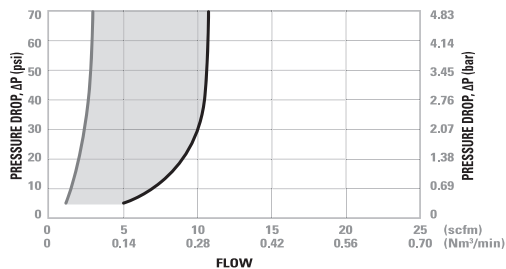


The new 100AC Series couplings offer 1/16" flow capacity and are produced in a durable natural Acetal (POM) thermoplastic making them resistant to most mild chemicals. These couplings feature an intuitive slide latch that easily connects and disconnects up to ten fluid lines, with or without valves on 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.

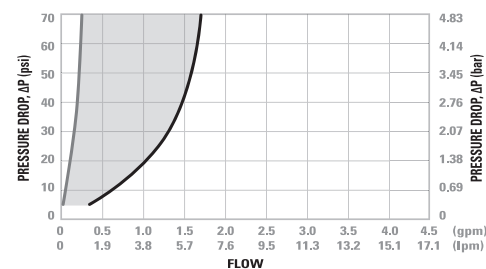
Panel Mount Dimensions

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

100AC Series Air Flow



100AC Series Water Flow



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.

Interchangeable with CPC® Colder Tentube® Series



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)

100AC SERIES SOCKETS/PLUGS