



NEW

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

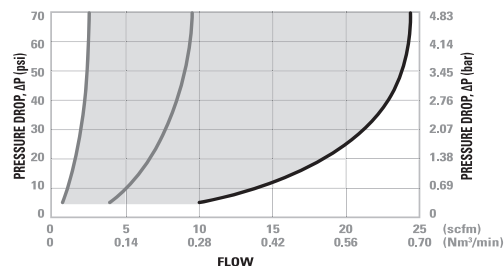
MATERIALS & CONSTRUCTION

- 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.

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



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

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	
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)