

PROPRIETARY AND CONFIDENTIAL

Description

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1/4" Hose Barb,
Non-Valved In-Line Hose Barb Plug Coupling,
1/4" Flow,
Natural Acetal Body and Terminations
Buna-N O-Ring Seal

NAME	DATE
DRAWN BY: SCW	11-MAR-2016

PART#

40AC-PB2-04

REV
1

SHEET 1 OF 3

SCALE 3 : 1

DO NOT SCALE DRAWING

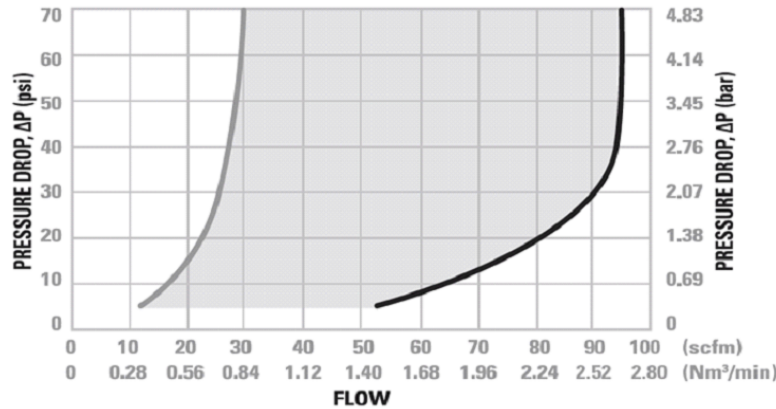


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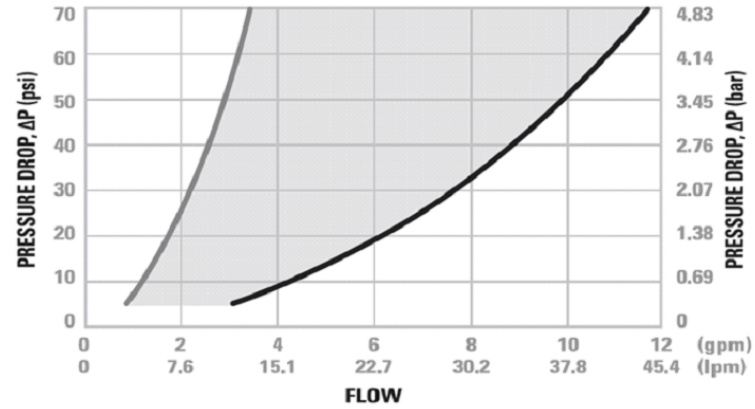
Specifications

Body and Termination Material	Natural Acetal (POM) - FDA and NSF Compliant for Food Contact
Seal Material Option	Buna-N O-ring - FDA and NSF Compliant for Food Contact O-rings lubricated with Dow Corning 200 food grade silicone oil.
Operating Pressure Range	Vacuum to 120 psi (8.3 bar)
Operating Temperature Range	-40° F to 180° F (-40° C to 82° C)
Flow Capacity	1/4" Size
Barb Size	1/4" ID Tube Size (6.4mm ID)
Compatibility Statement	<p>It is the sole responsibility of the system designer and user to select products suitable for their specific application requirements and to ensure proper installation, operation, and maintenance of these products.</p> <p>Material compatibility, product ratings and application details should be considered in the selection. Improper selection or use of products described herein can cause personal injury or product damage.</p>

40AC Series Air Flow



40AC Series Water Flow



These graphs are intended to give you a general idea of the performance capabilities of the product line.

Specific coupling combination flow rates can be determined by using this formula:	$Q = C_v \times \text{SQRT}(\Delta P/S)$
	SQRT = Square root
	Q = Flow rate in gallons per minute
	C_v = Average flow rate (see chart)
	ΔP = Pressure drop across coupling (psi)
	S = Specific gravity of liquid

C_v Values for the 40AC-PB2-04

Non-Valved In-Line Hose Barb Plug Coupling

Sockets:	40ACV-SB2-04	40AC-S2-04	40ACV-SB2-06	40AC-S2-06	40ACV-SB3-04	40AC-SB3-04
40AC-PB2-04	0.58	0.95	0.63	0.95	0.58	0.95

Sockets:	40ACV-SB3-06	40AC-S3-06	40ACV-SB1-04	40AC-S1-04	40ACV-SB1-06	40AC-S1-06
40AC-PB2-04	0.63	0.95	0.65	0.84	0.70	0.84