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1/8" BSPT Male Thread Non-Valved Plug Coupling,  
1/8" Flow,  
Natural Acetal Body and Terminations,  
Buna-N O-ring Seal

NAME DATE  
DRAWN BY: SCW 05-Nov-14

PART# REV  
20AC-PB1-02BSPT 1

SHEET 1 OF 3

SCALE 3:1

DO NOT SCALE DRAWING

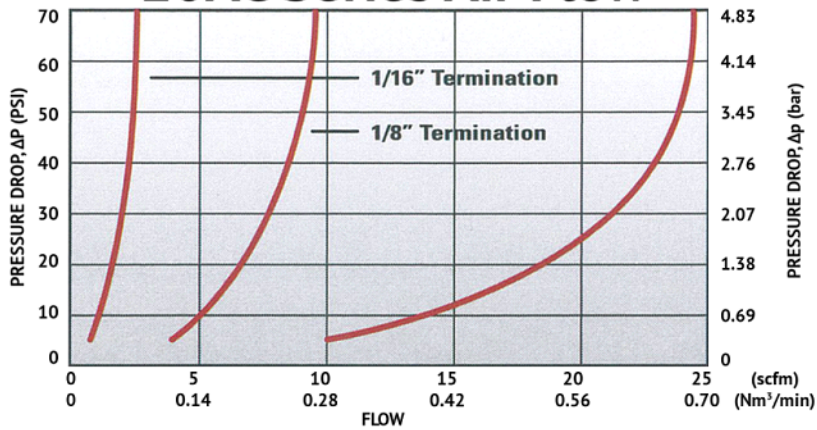


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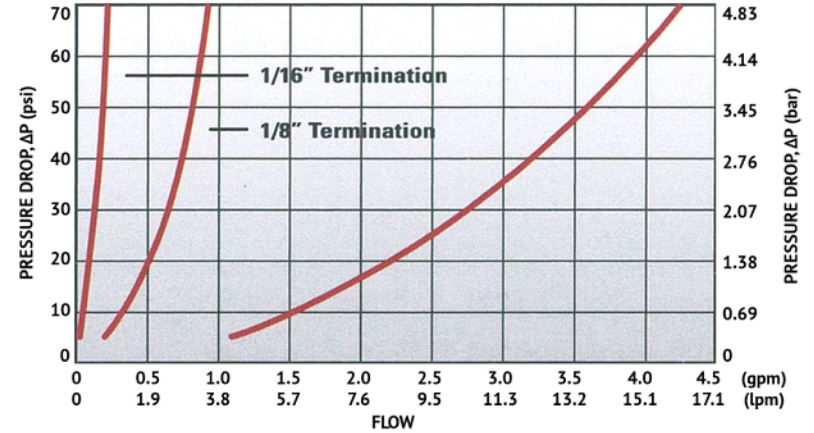
# Specifications

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	1/8" Size
Thread Size	1/8" BSPT
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>

## 20AC Series Air Flow



## 20AC Series Water Flow



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)

$\Delta P$  = Pressure drop across coupling (psi)

S = Specific gravity of liquid

### $C_v$ Values for the 20AC-PB1-02BSPT Male Thread Plug Coupling

Sockets:	20ACV-SB2-01	20AC-S2-01	20ACV-SB2-04	20AC-S2-04	20ACV-SB3-02	20AC-S3-02	20ACV-SB3-04
20AC-PB1-02BSPT	0.03	0.03	0.25	0.45	0.18	0.27	0.26

Sockets:	20AC-S3-04	20ACV-SB8-04	20AC-S8-04	20ACV-SB1-02	20AC-S1-02	20ACV-SB1-04	20AC-S1-04
20AC-PB1-02BSPT	0.45	0.21	0.40	0.26	0.50	0.27	0.50