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Description

1/2" Hose Barb, Valved Thumb-Latch Type In-Line Hose Barb Socket Coupling with Latch Guard, 3/8" Flow, Medical Grade Black Polypropylene Body and Terminations, Internal Valve and Thumb Latch, Stainless Steel Internal Valve and Latch Springs, Peroxide-Cured EPDM O-Ring Seal

DRAWN BY:

NAME

SCW

DATE

12-JAN-2017

PART#

60PPV-SE2-08BLK

REV

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SCALE 3 : 2

DO NOT SCALE DRAWING

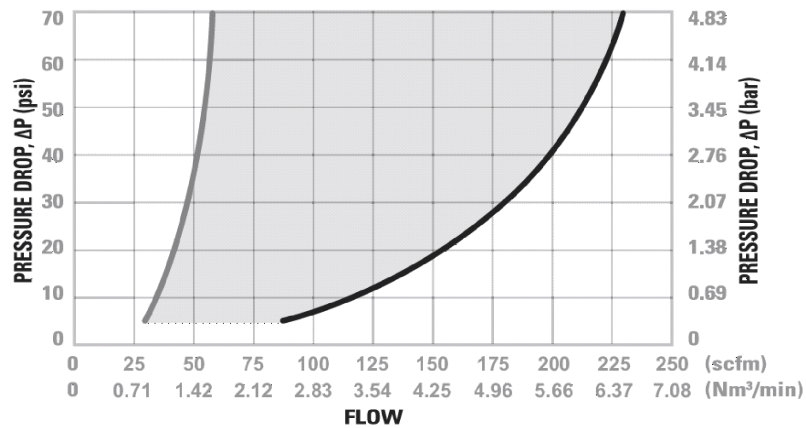


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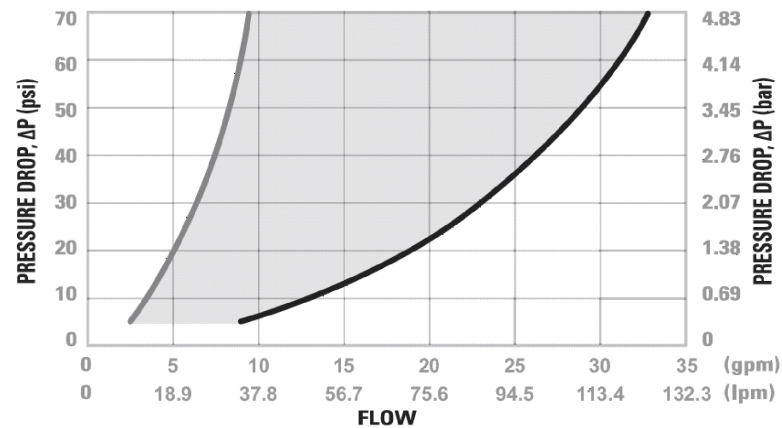
Specifications

Body and Termination Material	Black-Out UV-Resistant Medical Grade Polypropylene
Seal Material Option	Peroxide-cured EPDM
Thumb Latch Material	Black-Out UV-Resistant Medical Grade Polypropylene
Thumb Latch Spring Material	304 Stainless Steel
Internal Valve Material	Black-Out UV-Resistant Medical Grade Polypropylene
Internal Valve Spring Material	316 Stainless Steel
Operating Pressure Range	Vacuum to 60 psi (4.2 bar)
Operating Temperature Range	32° F to 160° F (0° C to 71° C)
Flow Capacity	3/8" Size
Barb Size	1/2" ID, 12.7mm 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>

60PP Series Air Flow



60PP 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)
 ΔP = Pressure drop across coupling (psi)
 S = Specific gravity of liquid

C_v Values for the 60PPV-SE2-08BLK

Valved Black-Out In-Line Hose Barb Socket Coupling

Plugs:	60PPV-PE2-06	60PPV-PE2-06	60PPV-PE2-08	60PPV-PE2-06	60PPV-PE4-06	60PPV-PE4-06	60PPV-PE4-08
60PPV-SE2-08	1.25	1.23	1.61	1.52	1.13	1.11	1.45

Plugs:	60PPV-PE4-08	60PPV-PE1-06	60PPV-PE1-06	60PPV-PE1-08	60PPV-PE1-08	60PPV-PE2-12	60PPV-PE2-12
60PPV-SE2-08	1.37	1.79	1.60	1.68	1.56	-	-

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Sterilization and Disinfectant Compatibility

Material	Formalin	Isopropyl Alcohol (IPA)	Ethyl Alcohol	Ethylene Oxide (EtO)	Autoclave	E-Beam (50 kilorays)	GAMMA 5 (50 kilograys)	Dry Heat (250° F)
Polypropylene	Y	Y	Y	Y	N	Y	Y	N

Key: Y = Excellent, Recommended, N = Not Recommended

Sterilization Methods:

Disinfectants: Sterilized coupled or uncoupled at 70°F (20°C)

Ethylene Oxide, EtO: Sterilized coupled or uncoupled, up to 5 repetitions, 4 hours maximum, 100% EtO at 110°F (43°C)

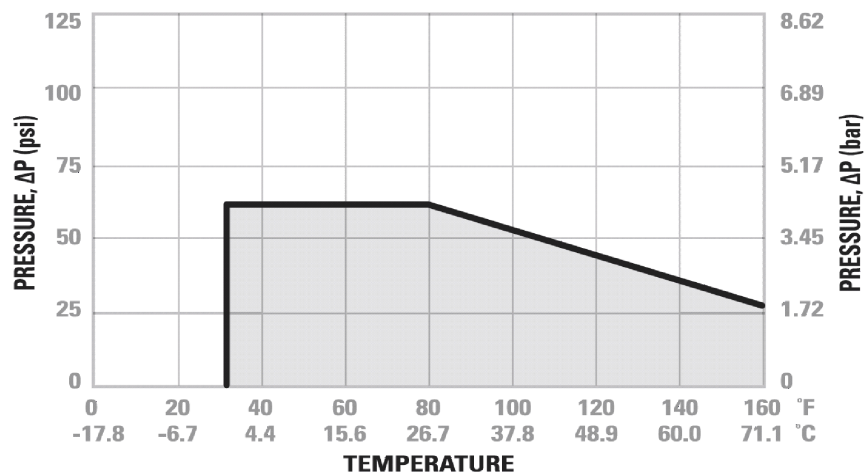
Autoclave: Sterilize uncoupled only, 30 minutes Max, 10 repetitions maximum, 250°F (121°C) maximum

Electron Beam (E-Beam): Sterilize coupled or uncoupled, 50 kilograys maximum cumulative exposure

GAMMA: Sterilize coupled or uncoupled, 50 kilograys maximum cumulative exposure

Dry Heat: Sterilize uncoupled only, 250°F (121°C) 12 hours maximum

60PP Series Temperature



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