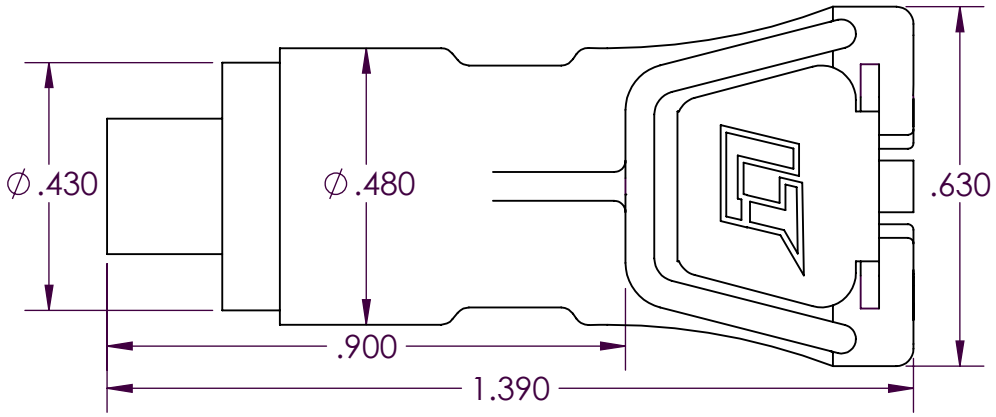
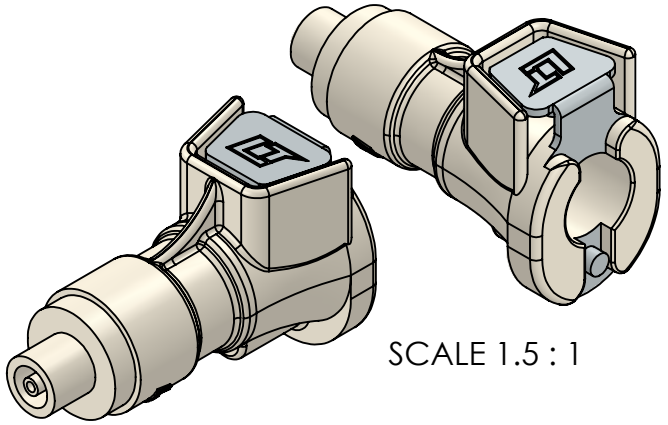
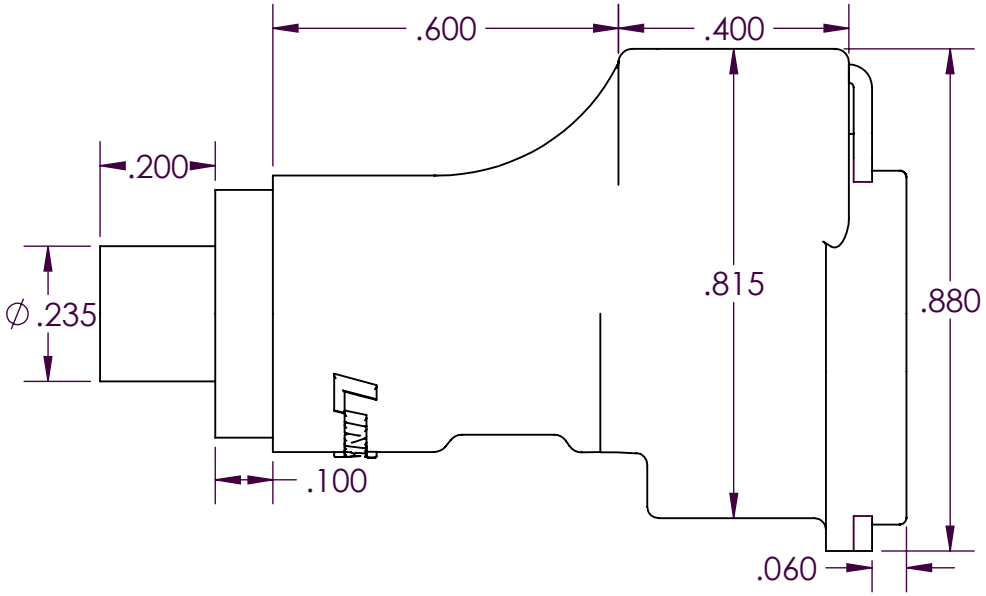
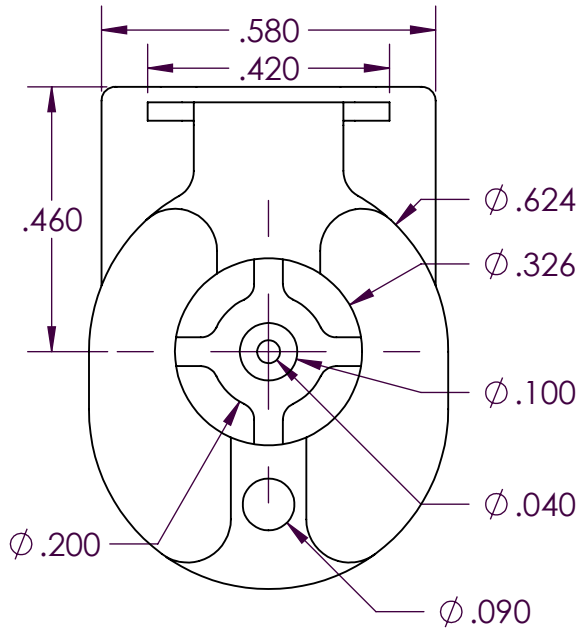




SCALE 1.5 : 1





PROPRIETARY AND CONFIDENTIAL	Description		NAME	DATE	PART# 20PPV-SE2-01MALD
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INDUSTRIAL SPECIALTIES MFG. AND IS MED SPECIALITES. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF INDUSTRIAL SPECIALTIES MFG. AND IS MED SPECIALITES IS PROHIBITED.	1/16" Shrouded Hose Barb, Valved In-Line HOse Barb Socket Thumb-Latch Type Coupling, 1/8" Flow, Almond Polypropylene Body and Terminations, Stainless Steel Thumb-Latch, Springs and Pins	DRAWN BY:	SCW	08-Dec-14	REV 1
		SHEET 1 OF 3			
		SCALE 3:1			
		DO NOT SCALE DRAWING			Industrial Specialties Mfg. IS Med Specialties

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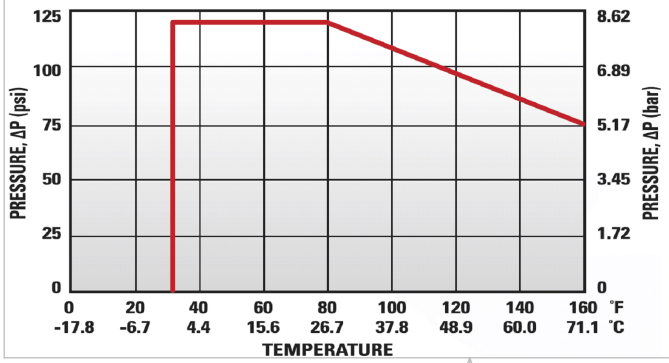
Specifications

Body and Termination Material	Medical Grade Polypropylene
Internal Valve Material	Medical Grade Polypropylene
Seal Material Option	Peroxide-cured EPDM O-ring Seal
Standard Color Option	Almond
Internal Valve Spring Material	316 Stainless Steel
Thumb-latch Material	301 Stainless Steel
Thumb-latch Spring Material	304 Stainless Steel
Pin Material	316 Stainless Steel
Pin Spring Material	302 Stainless Steel
Operating Pressure Range	Vacuum to 120 psi (8.3 bar)
Operating Temperature Range	32° F to 160° F (0° C to 71° C)
Flow Capacity	1/8" Size
Tube Size	1/16" ID, 1.6mm ID
Sterilization	Gamma; 50 kGy irradiation max
Compatibility Statement	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. 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.

20PP Series Temperature

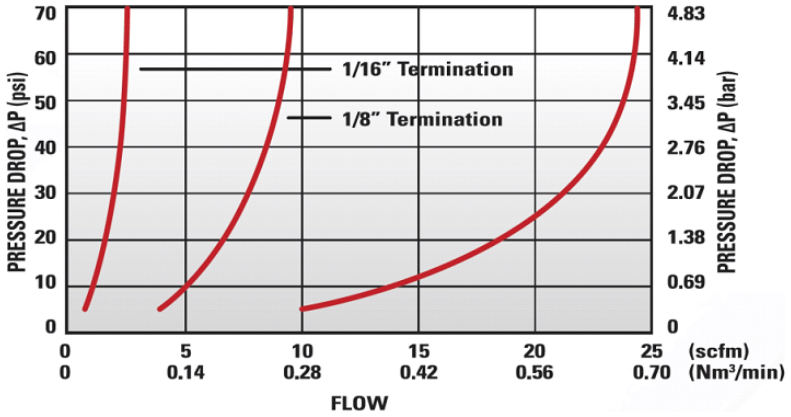


20PP Series Medical Grade Polypropylene Sterilization and Disinfectant Compatibility

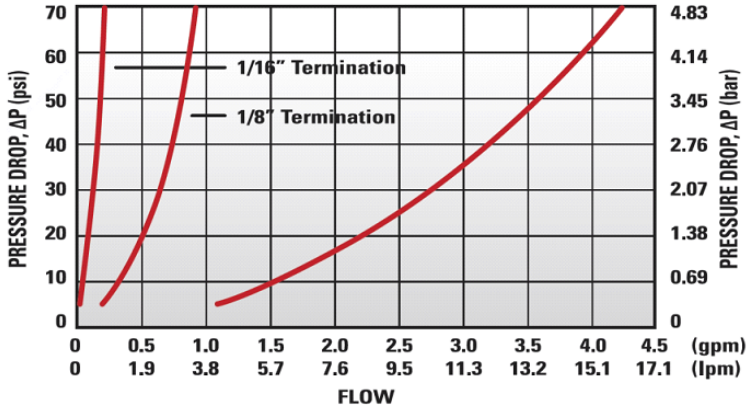
Formalin	Isopropyl Alcohol	Ethyl Alcohol	Ethylene Oxide (EtO)
Excellent	Excellent	Excellent	Excellent

Autoclave	E-Beam (50 kGy)	Gamma 5 Mrad (50kGy)	Dry Heat (250° F)
Do Not Use	Excellent	Excellent	Do Not Use

20PP Series Air Flow



20PP 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:	$Q = C_v \times SQRT(\Delta P/S)$ 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 20PPV-SE2-01MALD Valved In-Line Hose Barb Socket Coupling

Plugs:	20PPV-PE2-01	20PP-PE2-01	20PPV-PE2-02	20PP-PE2-02	20PPV-PE2-04	20PP-PE2-04
20PPV-SE2-01MALD	0.02	0.02	0.03	0.03	0.03	0.03

Plugs:	20PPV-PE9-04	20PPX-PE9-04	20PPv-PE1-02	20PPX-PE1-02	20PPV-PE4-04	20PPX-PE4-04
20PPV-SE2-01MALD	0.03	0.03	0.03	0.03	0.03	0.03