



MAKERS OF RESPIRATORY VALVES SINCE 1938

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# Data Sheet

## MOUTHPIECES, NOSE CLIPS, SAMPLING PORTS, COUPLERS, TUBING & ACCESSORIES

### Product Description & Intended Use

#### Mouthpieces Series 9060

Mouthpieces are available in two different designs:

- standard type with full mouth bite and outlet port connection
- hybrid type with full mouth bite, outlet port connection and with integral saliva trap tube.

Mouthpieces are molded of a durable flexible silicone rubber for bite resistance and port connection flexibility and sealing. There are three sizes of each of the two mouthpiece types that vary in sizes of the mouth bite section and port connection diameters. Large bite block design optimizes use in high flow applications reducing the resistance to flow through the subject's mouth. Sizes are designed for adults and large pediatric subjects for attachment to valves used during pulmonary function testing, exercise testing, spirometry and respiratory research.

#### Nose Clips Series 9014 & 9015

Nose Clips are available in two different designs:

- Disposable
- Reusable

Nose Clips are designed for clamping on the subject's outer nose to occlude and seal off the nose from breathing. The two types reflect the cost of materials used in the construction of the nose clips with one a disposable type and the other a reusable type. Sizes are designed for adults and large pediatric subjects for use during pulmonary function testing, exercise testing, spirometry and respiratory research.

#### Sampling Ports and Couplers Series 1900

Sampling ports are available in two basic designs:

- Hose Barb with Male thread
- Female Luer with Male thread

Coupler ports are available in two basic designs:

- Hose Barb with Female Luer
- Hose Barb with Male Luer

Sampling ports and couplers are molded in plastic materials and used for installation in valves or valve ports or in-line for sampling tubing connections for pressure or gas concentration measurements. Hose barbs are available in a variety of sizes for all the common tubing diameters. Male and Female Luer conical fittings meet the requirements of the standard 6% luer taper for medical equipment.

#### Specifications Materials

Description	Materials
Mouthpiece Standard	Silicone Rubber
Mouthpiece Hybrid with Saliva Trap	Silicone Rubber, Polysulfone thermoplastic
Nose Clip Disposable	Polypropylene thermoplastic, EVA Foam
Nose Clip Reusable	Styrenic Thermoplastic Elastomer, Neoprene Foam, Stainless Steel
Sampling Ports & Couplers	Polyamide & Polypropylene thermoplastics

#### Cleaning & Disinfection Reusable Mouthpieces & Nose Clip

Refer to the Instructions for Use 691207 shipped with the product for cleaning, disinfection and maintenance of the mouthpieces and nose clip.

#### Caution

Mouthpieces and Nose Clips: Federal law restricts this device to sale by or on the order of a physician.

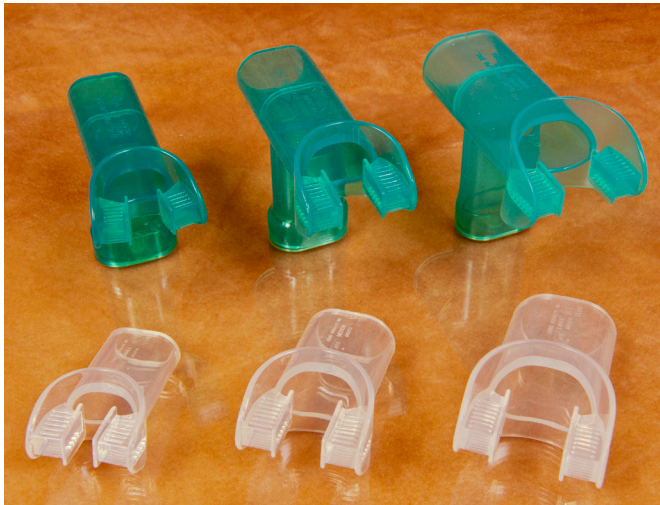
#### Warnings & Risks

Refer to the Instructions for Use 691207 shipped with the product

#### Ambient Conditions

Temperature range: 5° - 40° C

Humidity range: 0-95% RH



Mouthpieces. See table (A & B) for details.



Nose Clips. See table (C & D) for details.



Sampling Ports. See table (E) for details.



Couplers. See table (F) for details.

Mouthpiece Saliva Trap Type (Green) <b>A</b>			
Reusable Series 9060			
Silicone Rubber		Instructions for Use 691207	
Part Number	Bite Size	Port Size Range Diameter (mm)	Dead Space (ml)
602077	Large	35-38	93
602078	Medium	28-34	66
602079	Small	22-27	44

Mouthpiece Standard Type (Clear) <b>B</b>			
Reusable Series 9060			
Silicone Rubber		Instructions for Use 691207	
Part Number	Bite Size	Port Size Range Diameter (mm)	Dead Space (ml)
602070	Large	35-38	39.5
602073	Medium	28-34	23
602076	Small	22-27	12.5

Nose Clip Reusable Series 9015 <b>C</b>	
Styrenic Thermoplastic Elastomer, Neoprene Foam, Stainless Steel	
Instructions for Use 691207	
Part Number	Unit of Measure
112571	Each

Nose Clip Disposable Series 9014 <b>D</b>	
Polypropylene Plastic, EVA Foam	
Part Number	Unit of Measure
201403	Each (50 Piece Minimum)

Sampling Ports (Hose Barb & Female Luer Types) Series 1900 <b>E</b>				
Nylon Plastic				
Part Number	Hose Barb (B) Female Luer (L)	Barb Fits Tubing ID mm (in)	Plug or Cap Part Number	Installation Part Number
171179	L	Male Luer	171180	200123
171163	B	3.2 (.125)	669021	200122
171095	B	2.4 (.093)	669023	200121
171161	B	1.6 (.062)	669023	200120

Couplers (Male or Female Luer with opposite end Hose Barb) Series 1900 <b>F</b>		
Nylon Plastic		
Part Number	Male Luer (M) Female Luer (F)	Barb Fits Tubing ID mm (in)
171210	M	1.6 (.062)
171211	M	2.4 (.093)
171212	M	3.2 (.125)
171269	F	1.6 (.062)
171270	F	2.4 (.093)
171271	F	3.2 (.125)

Tubing Flexible (Pneumatics and gas sampling lines) <b>G</b>				
Silicone, Polyurethane				
Part Number	Material	Size OD / ID mm (in)	Color	Pressure Rating Bar (PSI)
666216	Silicone	3.2 (.125) / 1.6 (.062)	ST	2 (30)
666217	Silicone	5.5 (.218) / 2.4 (.093)	ST	3.1 (45)
666005	Silicone	6.4 (.250) / 3.2 (.125)	ST	1.4 (20)
666293	Silicone	9.5 (.375) / 8.4 (.187)	ST	4.1 (60)
666019	Silicone	9.5 (.375) / 6.4 (.250)	ST	1 (15)
666025	Polyurethane	6.4 (.250) / 3.2 (.125)	Blue	6.9 (100)
666016	Polyurethane	9.5 (.375) / 6.4 (.250)	Gray	6.9 (100)

Accessories Miscellaneous <b>H</b>		
Item # See Photo	Part Number	Description
1	990001	Calipers 6"
2	990002	Allen Wrench Set 10 Piece
3	901000	Drill & Tap Set #6-32
3	901001	Drill & Tap Set #8-32
3	901002	Drill & Tap Set #10-32
4	171218	Retaining Ring Pliers (Balloon Valves)
5	905000	Oring Removal Tool (pic)
6	905001	Wrench 1/4" Box & Open End
7	667009	Adhesive Cyanoacrylate 1oz
8	660170	Silicone Lubricant for Valves 2 oz.
Not Shown	660197A	Silicone Lubricant for Syringes (1/2, 1, 3, & 7 Liter) 2 oz.
9	871002	Teflon Tape Roll 1/4" width (threads)
10	602032	Component Grip Pad



Miscellaneous Accessories. See table (H) for details.