

Bag Valve Masks

& Accessories Guide



Bag Valve Masks

QUALITY, RELIABILITY AND VALUE.

Life Support Products (LSP) has always been sensitive to the demands of the healthcare professional. We've listened and responded with our new, more affordable, improved Bag Valve Mask (BVM). Now LSP is pleased to offer you our full line of Latex-free disposable and reusable BVMs and accessories.

LSP continues its tradition of quality products at an affordable price. By providing you with additional features, LSP becomes your obvious choice for bag valve masks.

THE L770 LATEX-FREE DISPOSABLE BAG VALVE MASK

POSITIONAL EXHALATION PORT

Standard on all disposable BVMs. Also serves as PEEP or exhalation filter connection.

CORRUGATED EXTENSION TUBING

Standard on all L770 BVMs. Separates the bag from the patient valve, while maintaining a tight seal when a mask is in use. Also avoids dislodging the ET tube when bagging intubated patients.

HANDLE/STRAP

Provides the caregiver with a counterforce to assist in one-handed ventilation.

SWIVEL CONNECTOR
Standard on all L770 BVMs. Allows the caregiver to change position without disconnection from airway.

DISPOSABLE CUFFED MASK
Provides gas-tight seal.

MANOMETER PORT
Disposable Manometer measures airway pressure from 0-60 cm H₂O.

CLIMATE COMPATIBLE DURABLE TEXTURED BAG
Because the bag is made of Latex-free thermoplastic rubber, it will return to its normal shape regardless of temperature extremes or how it is stored. This also ensures that the bag will recoil quickly.

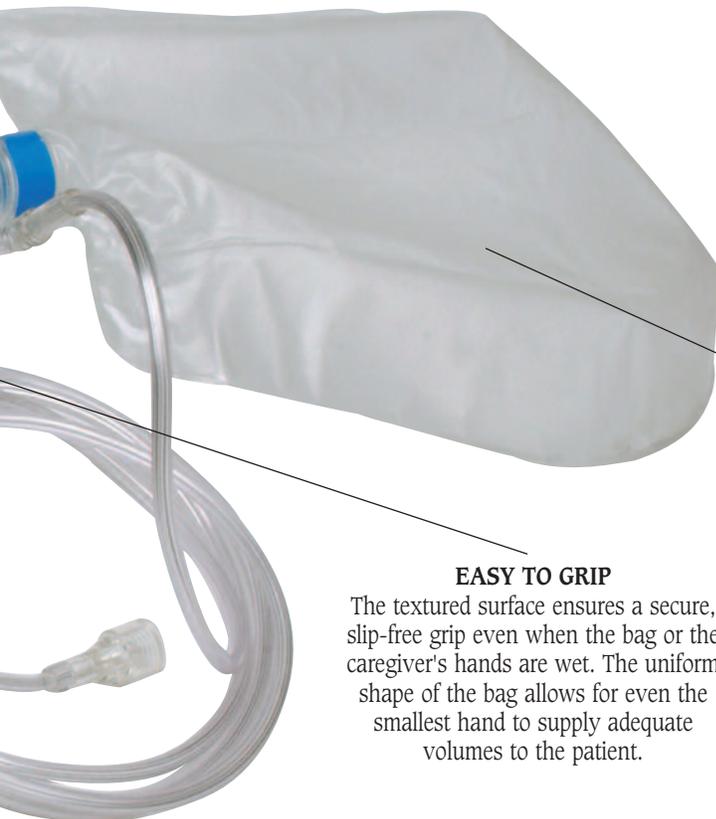
L770 BAG VALVE MASK: *The Evolution of Resuscitation Continues.*

We realize that in many cases only one person is available to ventilate the patient. The addition of corrugated tubing between the bag and the patient valve allows the caregiver to perform ventilation with one hand while transporting the patient.



We also realize the severe injuries that often happen to emergency services personnel while in transit. The L770 allows the caregiver to remain safely seated and secured in the ambulance while ventilating the patient. If the ambulance is involved in an accident, the caregiver won't be thrown about.

THE L770 BAG VALVE MASK: *Created with patient and caregiver in mind.*



EASY TO GRIP

The textured surface ensures a secure, slip-free grip even when the bag or the caregiver's hands are wet. The uniform shape of the bag allows for even the smallest hand to supply adequate volumes to the patient.

OXYGEN RESERVOIR

Ensures delivery of high FIO₂.

Latex-Free Disposable Bag Valve Mask



The L770 improved Disposable Bag Valve Mask (BVM) is a single patient use system for manual ventilation. The L770 BVM offers accurate, dependable operation coupled with the ability to manually feel a patient's respiratory response, all in a tamper-proof package for single patient use.

With the addition of 3 feet of corrugated extension tubing separating the bag from the patient valve, the forces created by squeezing the bag are no longer transferred to the mask or ET tube. This helps to keep a tight seal when using a mask, and helps prevent dislodging the ET tube when bagging intubated patients. The added tubing does not affect dead space, delivered tidal volume, or oxygen concentration.

The separation also allows the person bagging to walk alongside the patient during transport, ensuring more consistent delivery of tidal volumes to the patient, and allowing the transporters to move more quickly. Using a remote bag creates more space around the patient's head, yet you can still see the chest rise and fall.

Every L770 BVM comes assembled with a bag, patient valve, 7 feet of oxygen tubing and 3 feet of corrugated extension tubing. Infant BVMs come with a 45 cm H₂O pop-off relief valve, which can be overridden by the operator.

When specific repeatable concentrations of oxygen are required, the bag refill valve (L471) can be employed in conjunction with a blender. When used as an oxygen supplemented source, this device also ensures high FIO₂ concentrations on every bag compression — no matter which clinical rate is employed. It will also conserve gas in the process by operating only while the bag refills.

SPECIFICATIONS

BAG VOLUME:

Adult: 1488 ml Child: 665 ml Infant: 258 ml

PATIENT VALVE DEAD SPACE: 7.8 ml (*not including mask*)

PATIENT CONNECTION:

22 mm outside diameter, 15 mm inside diameter

PEEP CONNECTION: 30 mm outside diameter

OPERATING TEMPERATURE: -30°F to 125°F

STORAGE TEMPERATURE: -40°F to 160°F

MATERIALS:

Bag: Thermoplastic Rubber (a Latex-free synthetic material)

Mask: Alpha PVC 3006-95

Deflector: High density polyethylene

Valve and Oxygen Enrichment Ports: Phillips 66 KRO3

Single Use Packaging: Tamper-proof polybag

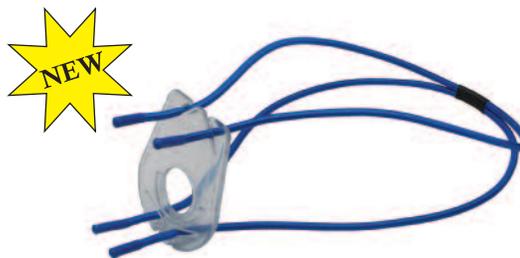
BAG SIZE VS. PATIENT MASS:

Adult (>40 Kg.) Child (10 to 20 Kg.) Infant (<10 Kg.)

L770	Disposable Cuffed Mask Size	Bag Reservoir	Pop-Off Pressure Relief Valve
Adult (6 per case)			
L770-040*	A	x	
Child (6 per case)			
L770-100*	C	x	x
L770-101*	C	x	
Infant (6 per case)			
L770-200*	I	x	x
L770-202*	I & N	x	x

Disposable Cuffed Mask Sizes: A=Adult, C=Child, I=Infant, N=Neonate

*CE 0543



With the new Mask Restraint System (890113), only one caregiver is needed to bag a patient. During transport, the mask is held firmly in place, eliminating the need for a second person to hold the mask in place while walking alongside the patient, or during patient transport.



The new Disposable Manometer (890060) provides accurate airway pressure monitoring from 0-60 cm H₂O.

Latex-Free Disposable Bag Valve Mask



SPECIFICATIONS

BAG VOLUME:

Adult: 1488 ml Child: 665 ml Infant: 258 ml

PATIENT VALVE DEAD SPACE: 7.8 ml (*not including mask*)

PATIENT CONNECTION:

22 mm outside diameter, 15 mm inside diameter

PEEP CONNECTION: 30 mm outside diameter

OPERATING TEMPERATURE: -30°F to 125°F

STORAGE TEMPERATURE: -40°F to 160°F

MATERIALS:

Bag: Thermoplastic rubber (a Latex-free synthetic material)

Mask: Alpha PVC 3006-95

Deflector: High density polyethylene

Valve and Oxygen Enrichment Ports: Phillips 66 KRO3

Single Use Packaging: Tamper-proof polybag

BAG SIZE VS. PATIENT MASS:

Adult (>40 Kg.) Child (10 to 20 Kg.) Infant (<10 Kg.)

The L670 Disposable Bag Valve Mask is a single patient use system for manual ventilation. The BVM offers accurate, dependable operation coupled with the ability to manually feel a patient's respiratory response, all in a tamper-proof package for single patient use.

Every BVM comes with a bag, patient valve, and 7 feet of oxygen tubing.

Most child and all infant bags come with a pop-off relief valve, which pops off at 45 cm H₂O max and can be overridden by the operator.

When specific repeatable concentrations of oxygen are required, the bag refill valve (L471) can be employed in conjunction with a blender. When used as an oxygen supplemented source, this device also ensures high FIO₂ concentrations on every bag compression — no matter which clinical rate is employed. It will also conserve gas in the process by operating only while the bag refills.

L670	Disposable Cuffed Mask Size	Bag Reservoir	Aerosol Reservoir	Disposable Pressure Manometer	Pop-Off Pressure Relief Valve
Adult (6 per case)					
L670-040*	A	x			
L670-050*		x			
L670-060*	A		x		
Child (6 per case)					
L670-100*	C	x			x
L670-101*	C	x			
L670-120*			x		x
Infant (6 per case)					
L670-200*	I	x			x
L670-200M	I	x		x	x
L670-202	I & N	x			x
L670-210*		x			x
L670-220*	I		x		x
L670-222	I & N		x		x
Disposable Cuffed Mask Sizes: A=Adult, C=Child, I=Infant, N=Neonate					

*CE 0543

L770 and L670 DELIVERED OXYGEN CONCENTRATION FIO₂ (PER ASTM F920 PROCEDURE)

	Adult	Child	Infant
5 LPM	73%	80%	95%
8 LPM	75%	95-97%	95-97%
10 LPM	97-100%	97-100%	97-100%
15 LPM	97-100%	97-100%	97-100%
20 LPM	97-100%	97-100%	97-100%
25 LPM	97-100%	97-100%	97-100%

Latex-Free Reusable Bag Valve Masks



L554 Reusable Bag Valve Masks are available in rear-fill and front-fill systems. These BVMs offer low cost, portability and ease of maintenance coupled with the ability to manually feel a patient's respiratory response.

The complete bag valve mask has three basic modular components: a Latex-free silicone bag in adult, child and infant sizes; a patient valve that works with all sizes of bags; and a mask in adult, child and infant sizes.

The rear-fill assembly can deliver high FIO₂ concentrations depending on the oxygen flow. A bag refill valve may be connected to ensure high FIO₂ concentrations.

The infant bag comes with a pop-off relief adapter, which pops off at 45 cm H₂O and can be over-riden by the operator. All infant bag valve mask configurations come with mask sizes 0, 1 & 2.

The bag valve masks are available in a variety of configurations. The adult, child and infant size BVMs with masks can be ordered together or packaged separately, in either a cardboard box or plastic carrying case. Available options include the oxygen enrichment assembly, airways, replacement masks and bag refill valves.

L554	Cuffed Mask Size	Silicone Cuffed Mask Size	O ₂ Reservoir Bag	O ₂ Supply Hose	Pop-Off Relief Adapter
Adult					
L554-000*	5				
L554-005	5		x	x	
Child					
L554-100*	2				
L554-105	2		x	x	
L554-110*	2				x
L554-020*	2 & 5		x	x	x
Infant					
L554-200		0, 1 & 2			x
L554-210*		0, 1 & 2	x	x	x
L040081	Replacement orange carrying case for L554 Reusable Bag Valve Mask (order separately)				

*CE 0543



The L238 Reusable Bag Valve Mask is a front-fill system for manual ventilation. These BVMs offer low cost, portability and ease of maintenance coupled with the ability to manually feel a patient's respiratory response.

L238 Reusable Bag Valve Masks are Latex-free.

L238	Tru-Fit Mask Size	O ₂ Enrichment Assembly	Plastic Carrying Case
Adult			
L238-220*	A		
Adult & Child			
L238-300*	A & C	x	x
Child			
L238-210*	C		
Infant			
L003482	Oxygen Enrichment Assembly (order separately)		
L040081	Replacement Orange Carrying Case for L554 Reusable Bag Valve Mask (order separately)		

*CE 0543

SPECIFICATIONS

BAG VOLUME:	<u>L554</u>	<u>L238</u>
	Adult: 1500 ml	Adult: 1700 ml
	Child: 750 ml	Child: 680 ml
	Infant: 240 ml	Infant: 370 ml

	<u>L554 and L238</u>
PATIENT VALVE DEAD SPACE:	8 ml (not including mask)
PATIENT CONNECTION:	22 mm outside diameter, 15 mm inside diameter
PEEP CONNECTION:	30 mm outside diameter
OPERATING TEMPERATURE:	-30°F to 125°F
STORAGE TEMPERATURE:	-40°F to 160°F

MATERIALS:	<u>L554</u>	<u>L238</u>
Bag:	Latex-free silicone rubber	Latex-free silicone rubber
Valve:	Polycarbonate	Polysulfone
Mask:	Polyvinyl chloride	Latex-free silicone rubber
Intake Housing:	GE Lexan	---
Bag Reservoir & Oxygen Hose:	Polyvinyl chloride	---

Accessories

MASK RESTRAINT SYSTEM



890113 Mask Restraint System

- Disposable
- 12/case

DISPOSABLE MANOMETER



890060 Manometer

- Disposable
- 12/case

DISPOSABLE PEEP VALVE WITH ADAPTER



LPEEP

- Optional disposable 30 mm PEEP with 19 mm valve adapter to complete your ventilation system
- Adjustable from 0-20 cm H₂O
- Fits easily on exhalation valve
- Can be used on all BVMs
- 12/case

BAG REFILL VALVE



The LSP Bag Refill Valve now makes it possible for bag valve masks to deliver 100% oxygen to the patient on a consistent basis. The LSP Bag Refill Valve has an adapter allowing it to connect into the intake port of a bag valve mask for the purpose of providing a high-flow source of 100% oxygen. It may also be used in conjunction with an oxygen blender to supply any percentage of oxygen desired.

SPECIFICATIONS

SUPPLY PRESSURE: 40–60 psig
OPERATING TEMPERATURE: –30°F to 125°F
STORAGE TEMPERATURE: –40°F to 160°F
INLET FITTING: 1/8 NPT female
FILTER: 25 Micron screen sintered stainless steel
MATERIALS:
 Housing and Plastic Parts: Polyester
 Moving and Adjusting Parts: Stainless steel
 Fasteners: All corrosion resistant
 Rubber Parts (except hose): Silicone

Bag Refill Valve	
L471	Fits Laerdal bag; adaptable to other bags with appropriate adapter
L034-525	With 6' pressure hose
L035-0023	Universal adapter

LATEX-FREE TRU-FIT MASK / CUFFED MASK / DISPOSABLE CUFFED MASK



TRU-FIT MASK

LSP's patented Tru-Fit masks mold to the patient's face while maintaining a secure fit. This flexible and durable mask retains its original shape. 10/case.

- L595060-020: Child
- L595060-050: Adult

CUFFED MASK

LSP's durable and transparent 099 Series reusable cuffed mask is designed for use with anesthesia and manual or mechanical ventilation.

- L099-000: Infant (Size 0)
- L099-002: Child (Size 2)
- L099-004: Adult (Size 4)
- L099-005: Large Adult (Size 5)

DISPOSABLE CUFFED MASK

Our disposable cuffed mask provides a gas-tight seal that is required during bag mask ventilation. This mask features a gas-filled pillow for patient comfort.

- L595158: Neonatal
- L595159-001: Infant
- L595162: Child
- L595161: Adult

More LSP Innovations

ResusciTIMER™



AutoVent™ 4000 Ventilator



Advantage® Portable Suction Unit



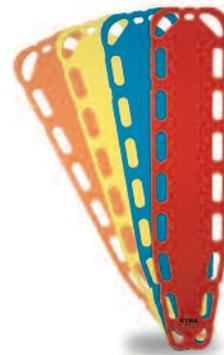
Rhino™ Oxygen Regulator



Pediatric Immobilization Board



XTRA® Backboard



Allied
HEALTHCARE PRODUCTS INC.
GLOBAL SUPPORT OF LIFE
**ISO 900 & 13485
CERTIFIED**

Allied Healthcare Products, Inc. • 1720 Sublette Avenue • St. Louis, Missouri 63110
314/771-2400 • 800/444-3954 • Fax: 314/771-0650 • www.alliedhpi.com
International offices in Europe, Asia and South America

U.S.
Toll Free: 800/225-4577
Fax: 800/477-7701

Canada & Mexico
Toll Free: 800/446-0552
Fax: 800/246-6201

International
Telephone: 314/268-1683
Fax: 800/771-5183