



## TELEFLEX SURE SEAL® LARYNGEAL MASK

At last, a Laryngeal Mask with Science



# SAFE CUFF INFLATION IS ABOUT PRESSURE NOT VOLUME

**TELEFLEX IS PROUD TO INTRODUCE ITS NEW SURE SEAL® LARYNGEAL MASK WITH THE WORLD'S FIRST INTEGRATED CUFF PRESSURE INDICATOR: THE CUFF PILOT™.**

The Cuff Pilot constantly monitors the pressure in the cuff, detecting changes due to temperature, nitrous oxide levels and movement within the airway. The integrated device provides at-a-glance feedback, alerting you instantly to changes before they affect patient safety.

Development of the Cuff Pilot has been prompted by the weight of evidence that suggests that cuff pressures in laryngeal masks should always be monitored. Scientific papers have shown an increasing number of adverse effects from over inflation that could lead to injury.<sup>1</sup>

The integrated device has a valve for inflation and contains four zones. The “green zone” indicates optimal cuff pressure, the “yellow zone” indicates possible underinflation or decreased cuff pressure, the clear zone between green & red indicates minimal overinflation, and the “red zone” possible overinflation or increased cuff pressure. Optimal maximum cuff pressure as recommended for laryngeal masks is 60 cmH<sub>2</sub>O.<sup>2</sup>



(1) Impact of laryngeal mask airway cuff pressures on the incidence of sore throat in children. Paediatr Anaesth. 2009 Mar 5.

Wong JG, Heaney M, Chambers NA, Erb TO, VON Ungern-Sternberg BS.

Department of Anaesthesia, Princess Margaret Hospital for Children, Subiaco, WA, Australia.

(2) for adults

The Cuff Pilot is a guide to the intracuff pressure. Physicians should always use their best clinical judgement in regard to the appropriate level of inflation of the laryngeal mask.

# SURE SEAL<sup>®</sup> LARYNGEAL MASKS BY TELEFLEX

Because we care about your patients, we have come up with a comprehensive range of high-quality, finely designed laryngeal masks, to fit all your needs. On top of the unique safety feature brought to you by Cuff Pilot, our products include the essential characteristics to answer most of your concerns.



SURE SEAL LARYNGEAL MASK

size	id mm	od mm	description & weight capacity	cuff volume
single use and reusable				
1	5.3	8	Neonates/Infants up to 5 kg	< 4 ml
1.5	6.1	10	Infants 5-10 kg	< 7 ml
2	7.0	11	Infants/Children 10-20 kg	< 10 ml
2.5	8.4	13	Children 20-30 kg	< 14 ml
3	10	15	Children 30-50 kg	< 20 ml
4	10	15	Adults 50-70 kg	< 30 ml
5	11.5	17	Adults 70-100 kg	< 40 ml
6	11.5	17	Adults > 100 kg	< 50 ml
reinforced single use and reusable				
1	5	7	Neonates/Infants up to 5 kg	< 4 ml
1.5	5	7	Infants 5-10 kg	< 7 ml
2	5.1	9	Infants/Children 10-20 kg	< 10 ml
2.5	6.1	10	Children 20-30 kg	< 14 ml
3	7.6	11	Children 30-50 kg	< 20 ml
4	7.6	11	Adults 50-70 kg	< 30 ml
5	8.7	12	Adults 70-100 kg	< 40 ml
6	8.7	12	Adults > 100 kg	< 50 ml

**YOU ARE EXTREMELY CONCERNED ABOUT CROSS CONTAMINATION?** Within our extensive range, our SINGLE USE laryngeal masks are what you need! From standard product to reinforced, with Cuff Pilot or standard pilot balloon, made of the finest silicone or a mix of silicone/PVC, we know, one of them will fit your needs.

**YOU LIKE THE TOUCH & FEEL OF THE REUSABLE LARYNGEAL MASK – STILL, PATIENT SAFETY IS YOUR FIRST CONCERN?** We can offer what you are looking for: A 100% SILICONE SINGLE USE laryngeal mask – Silicone is the best material to provide a good seal, in no time & with minimal trauma to patient.

**YOU WANT A “NO-BRAINER” INSERTION?** Our laryngeal masks are designed to provide easy access, easy positioning & strong seal under all conditions – the tip is rigid enough, yet soft for the tissues to avoid falling back on itself or pushing down the epiglottis.

**YOUR PATIENTS COME IN VARIOUS SIZES?** So do our laryngeal masks! We offer 8 convenient sizes to fit all your patients from neonate to large adult.

**YOU WANT TO AVOID OBSTRUCTION RISKS?** All our masks come with epiglottic bars that help reduce the risk of the epiglottis obstructing the airway; our epiglottic bars being made of silicone (as the cuff), they are soft enough to accommodate for the passage of an endotracheal tube, should it be required.

**YOUR BUDGET IS A CONCERN BUT YOU ARE NOT PREPARED TO SACRIFICE PATIENT SAFETY?** We can offer an economical solution – our PVC laryngeal mask is built with a PVC tube and a silicone cuff; the silicone cuff, which is in contact with the patient's oropharyngeal space, is soft & conforms perfectly to the patient's anatomy.

**YOU PREFER TO USE REUSABLE LARYNGEAL MASKS?** We have a standard & a reinforced product, both come with their own serial number & follow-up-card for your referencing protocols.

The world's first integrated indicator that constantly provides at-a-glance feedback regarding pressure inside the cuff, alerting you instantly to changes before they affect patient safety.



### STEP-BY-STEP DESCRIPTION

#### GREEN ZONE:

The optimal cuff pressure is indicated by a green marking on the Cuff Pilot. Air is inserted into the cuff of the laryngeal mask (via the Cuff Pilot and airway line) until the black marking on the bellows reaches the "green" zone – this indicates optimal maximum cuff pressure from infants to adults of 40 to 60 cmH<sub>2</sub>O.

#### YELLOW ZONE:

During a procedure the bellows can and will move in either direction depending on cuff pressure changes. When the black marking on the bellows moves into the "yellow" zone, this indicates a possible decrease in pressure or under inflation. Pressure measurements typically experienced in the "yellow" zone range from 0 cmH<sub>2</sub>O through to 40 cmH<sub>2</sub>O.

#### CLEAR ZONE:

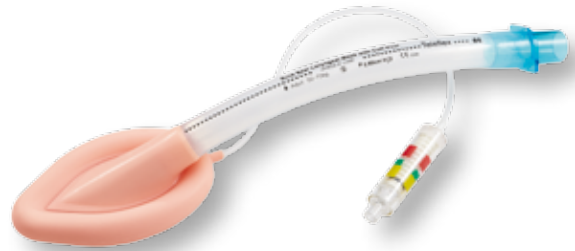
Clear Zone between Green & Red indicates a pressure around 60 to 70 cmH<sub>2</sub>O – it serves to optimize patient safety by alerting of probable initial pressure deviation.

#### RED ZONE:

The bellows moving in the opposite direction into the "red" zone indicate a possible increase in the cuff pressure over inflation. Pressure in the red zone is typically beyond 70 cmH<sub>2</sub>O, and it is recommended that it is released until the black bellows marking moves back into the "green" zone.

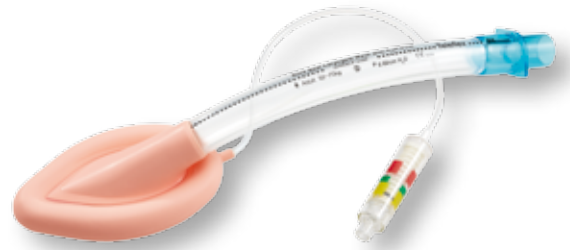
## SINGLE USE LARYNGEAL MASKS WITH CUFF PILOT™: OUR BEST-IN-CLASS LARYNGEAL MASK RANGE

It combines all the features you expect from a high-quality laryngeal mask & the unique cuff pressure monitoring device that helps you improve patient care & safety: the Cuff Pilot



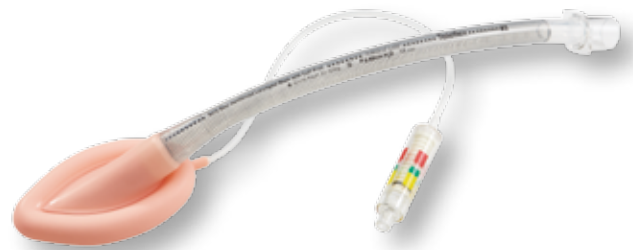
### LARYNGEAL MASK WITH CUFF PILOT , 100% SILICONE

REF.	SIZE 1	SIZE 1.5	SIZE 2	SIZE 2.5	SIZE 3	SIZE 4	SIZE 5	SIZE 6	
105210	-000010	-000015	-000020	-000025	-000030	-000040	-000050	-000060	
QTY	10							5	



### LARYNGEAL MASK WITH CUFF PILOT , SILICONE CUFF & PVC TUBE

REF.	SIZE 1	SIZE 1.5	SIZE 2	SIZE 2.5	SIZE 3	SIZE 4	SIZE 5	SIZE 6	
105200	-000010	-000015	-000020	-000025	-000030	-000040	-000050	-000060	
QTY	10							5	



### LARYNGEAL MASK WITH CUFF PILOT , 100% SILICONE REINFORCED

REF.	SIZE 1	SIZE 1.5	SIZE 2	SIZE 2.5	SIZE 3	SIZE 4	SIZE 5	SIZE 6	
105220	-000010	-000015	-000020	-000025	-000030	-000040	-000050	-000060	
QTY	10							5	

WHEN ORDERING, PLEASE ALWAYS INDICATE: **REF & SIZE**



Teleflex Incorporated (NYSE: TFX) is a diversified global company, distinguished by a significant presence in healthcare, with niche businesses that also serve the aerospace and commercial markets.

Teleflex Medical is committed to partnering with healthcare providers in anaesthesiology, critical care, urology and surgery to provide solutions that help reduce infections and improve patient and provider safety. The company also produces surgical instruments and devices, cardiac devices and other specialty products for device manufacturers.

The Teleflex Medical family of brands includes ARROW<sup>®</sup>, BEERE<sup>®</sup>, DEKNATEL<sup>®</sup>, GIBECK<sup>®</sup>, HUDSON RCI<sup>®</sup>, KMEDIC<sup>®</sup>, PILLING<sup>®</sup>, PLEUR-EVAC<sup>®</sup>, RÜSCH<sup>®</sup>, SHERIDAN<sup>®</sup>, SMD<sup>™</sup>, TAUT<sup>®</sup>, TFX OEM<sup>®</sup> and WECK<sup>®</sup>.

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#### **YOUR CONTACTS FOR EUROPE, MIDDLE EAST AND AFRICA (EMEA):**

##### **TELEFLEX MEDICAL HEADQUARTER EMEA, IRELAND**

Teleflex Medical Europe Ltd., IDA Business Park, Athlone, Co Westmeath  
Phone +353 (0)9 06 46 08 00 · Fax +353 (0)14 37 07 73  
orders.intl@teleflexmedical.com

**AUSTRIA** +43 (0)1 402 47 72  
**BELGIUM** +32 (0)2 333 24 60  
**CZECH REPUBLIC** +420 (0)495 759 111  
**FRANCE** +33 (0)5 62 18 79 40  
**GERMANY** +49 (0)7151 406 0  
**GREECE** +30 210 67 77 717  
**HUNGARY** +36 (0)1 475 13 60  
**ITALY** +39 0362 58 911  
**NETHERLANDS** +31 (0)88 00 215 00  
**PORTUGAL** +351 22 541 90 85  
**SLOVAK REPUBLIC** +421 (0)3377 254 28  
**SOUTH AFRICA** +27 (0)11 807 4887  
**SPAIN** +34 918 300 451  
**SWITZERLAND** +41 (0)31 818 40 90  
**UNITED KINGDOM** +44 (0)1494 53 27 61

For detailed information see [www.teleflexmedical.com/contact](http://www.teleflexmedical.com/contact)

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