



LMA® Unique™ Airway Portfolio



LMA® Unique™ (Silicone Cuff)

Airway with Cuff Pilot™ Technology

The Single-Use LMA® Airway Designed for Patient Comfort

The LMA® Unique™ (Silicone Cuff) Airway from Teleflex is a versatile, single-use, laryngeal mask with the added benefit of a silicone cuff. Designed for patient comfort, the cuff remains soft and flexible at clinical temperatures and conforms to the anatomy, creating a comfortable, non-irritant, and effective oropharyngeal seal.^{1,2} The LMA® Unique™ (Silicone Cuff) Airway is available with or without Cuff Pilot™ Technology – an integrated cuff pressure indicator designed to help prevent morbidity associated with cuff hyperinflation.³⁻⁷ **Supplied sterile for single use only.**



At a Glance

Reduce the Risk of Airway Trauma:

- Soft silicone cuff for patient comfort
- Cuff Pilot™ Technology for integrated cuff pressure monitoring

Benefits of a Silicone Cuff:

- Effective and secure seal without compromising patient comfort¹
- Highly resistant to punctures and tearing¹
- Remains soft and flexible at clinical temperatures¹
- May achieve higher seal pressures vs. PVC cuffs⁸

“Silicone is probably the preferred cuff material over PVC. It is soft and flexible, and remains as such at clinical temperatures, creating a comfortable, non-irritant, inert, but effective and safe sealing surface in the patient’s airway, while it is also highly resistant to punctures and tearing.”¹

van Zundert T, 2015.

LMA® Unique™ (Silicone Cuff) Airway with Cuff Pilot™ Technology

PRODUCT CODE LMA® UNIQUE™ (SILICONE CUFF) AIRWAY WITH CUFF PILOT™ TECHNOLOGY	PRODUCT CODE LMA® UNIQUE™ (SILICONE CUFF) AIRWAY, INFLATION VIA PILOT BALLOON	MASK SIZE	PATIENT WEIGHT IN KG	MAXIMUM CUFF VOLUME (AIR)* IN ML
105200-000010	105300-000010	1	Neonates/infants up to 5	4
105200-000015	105300-000015	1.5	Infants 5–10	7
105200-000020	105300-000020	2	Infants/children 10–20	10
105200-000025	105300-000025	2.5	Children 20–30	14
105200-000030	105300-000030	3	Children 30–50	20
105200-000040	105300-000040	4	Adults 50–70	30
105200-000050	105300-000050	5	Adults 70–100	40
105200-000060	105300-000060	6	Large adults over 100	50

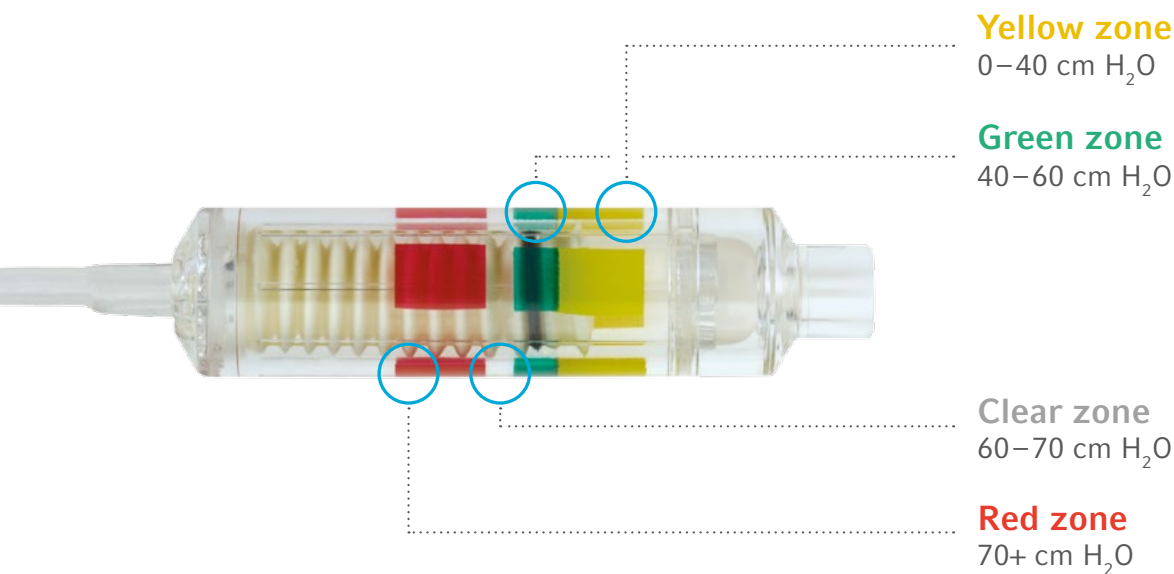
*These are maximum volumes that should never be exceeded. It is recommended that the cuff be inflated to a maximum of 60 cm H₂O intracuff pressure.

Cuff Pilot™ Technology

Integrated Cuff Pressure Monitoring

The LMA® Unique™ (Silicone Cuff) Airway and LMA® Unique™ PreCurved Airway are configured with Cuff Pilot™ Technology – an integrated, single-use cuff pressure indicator that constantly monitors cuff pressures, detecting changes resulting from fluctuations in temperature, nitrous oxide levels and movements within the airway. It provides at-a-glance feedback, alerting you instantly to changes before they affect patient safety. Cuff Pilot™ Technology was developed to support clinicians in avoiding the known risks of cuff hyperinflation, which include sore throat, dysphagia, an increased risk of aspiration due to leakage around the cuff, and hypoglossal, lingual or recurrent laryngeal nerve palsies due to pressure exerted on the laryngeal and pharyngeal structures.^{3,4}

Studies show that clinicians are overinflating the cuffs of laryngeal mask airways, impairing their function and giving half of patients sore throats.⁴ In some reports, 70% of laryngeal mask airways were overinflated and, in one, a staggering 97%.^{15,16} It has been shown repeatedly that injecting the maximum recommended volume of air results in cuff pressures approximately twice the maximum recommended and even as high as 200 cm H₂O.^{5,17} Multiple studies in tracheal tubes and laryngeal mask airways have shown that clinicians, regardless of experience and seniority, are poor at judging cuff pressures manually.^{4,18,19}



“The painful truth is that we clinicians are needlessly overinflating LMA® cuffs, impairing their function and giving half of our patients sore throats.”⁴

Bick E et al., 2014

LMA® Unique™ Airway

The Original Single-Use LMA® Airway

The LMA® Unique™ Airway from Teleflex is a single-use, first-generation laryngeal mask suitable for routine general anaesthesia procedures, emergency use, or as a resuscitation device.⁹⁻¹² The LMA® Unique™ Airway is designed to initiate a minimal hemodynamic response on insertion and facilitate smooth emergence from anaesthesia.¹³ **Supplied sterile for single use only.**

At a Glance

Highly Versatile:

- Seven sizes, from neonate to adult
- MRI compatible
- Part of the ASA difficult airway algorithm¹⁴

Suitable for:

- Paediatric anaesthesia
- Routine anaesthesia
- Pre-hospital airway management
- Resuscitation



“Advantages [of a laryngeal mask] over the endotracheal tube included: increased speed and ease of placement by inexperienced personnel; increased speed of placement by anesthesiologists; improved hemodynamic stability at induction and during emergence; minimal increase in intraocular pressure following insertion; reduced anesthetic requirements for airway tolerance; lower frequency of coughing during emergence; improved oxygen saturation during emergence; and lower incidence of sore throat in adults.¹³”

Brimacombe J, 1995.

LMA® Unique™ Airway

PRODUCT CODE LMA® UNIQUE™ AIRWAY. INFLATION VIA PILOT BALLOON	MASK SIZE	PATIENT WEIGHT IN KG	MAXIMUM CUFF VOLUME (AIR)* IN ML
125010	1	Neonates/infants up to 5	4
125015	1.5	Infants 5–10	7
125020	2	Infants/children 10–20	10
125025	2.5	Children 20–30	14
125030	3	Children 30–50	20
125040	4	Adults 50–70	30
125050	5	Adults 70–100	40

*These are maximum volumes that should never be exceeded. It is recommended that the cuff be inflated to a maximum of 60 cm H₂O intracuff pressure.

LMA® Unique™ PreCurved Airway with Cuff Pilot™ Technology

The Pre-Curved, Single-Use LMA® Airway Designed To Ease Insertion

The LMA® Unique™ PreCurved Airway from Teleflex is a single-use, first-generation laryngeal mask with a pre-curved, silicone, airway tube designed to facilitate finger-free, rapid insertion. The soft silicone cuff remains soft and flexible at clinical temperatures and conforms to the anatomy, creating a comfortable, non-irritant, and effective oropharyngeal seal.^{1,2} The LMA® Unique™ PreCurved Airway is available with or without Cuff Pilot™ Technology – an integrated cuff pressure indicator designed to help prevent morbidity associated with cuff hyperinflation.³⁻⁷ **Supplied sterile for single use only.**

At a Glance

Supports Ease of Insertion:

- Pre-curved airway tube designed for ease of insertion
- Finger-free insertion
- Suitable for: routine anaesthesia, pre-hospital airway management, resuscitation

Designed for Patient Comfort:

- Cuff Pilot™ Technology for integrated cuff pressure monitoring
- Soft silicone cuff
- Silicone airway tube
- Latex free



LMA® Unique™ PreCurved Airway with Cuff Pilot™ Technology

PRODUCT CODE LMA® UNIQUE™ PRECURVED AIRWAY WITH CUFF PILOT™ TECHNOLOGY	PRODUCT CODE LMA® UNIQUE™ PRECURVED AIRWAY. INFLATION VIA PILOT BALLOON	MASK SIZE	PATIENT WEIGHT IN KG	MAXIMUM CUFF VOLUME (AIR)* IN ML
142010	145010	1	Neonates/infants up to 5	4
142015	145015	1.5	Infants 5–10	7
142020	145020	2	Infants/children 10–20	10
142025	145025	2.5	Children 20–30	14
142030	145030	3	Children 30–50	20
142040	145040	4	Adults 50–70	30
142050	145050	5	Adults 70–100	40

*These are maximum volumes that should never be exceeded. It is recommended that the cuff be inflated to a maximum of 60 cm H₂O intracuff pressure.

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Teleflex is a global provider of medical technologies designed to improve the health and quality of people's lives. We apply purpose driven innovation – a relentless pursuit of identifying unmet clinical needs – to benefit patients and healthcare providers. Our portfolio is diverse, with solutions in the fields of vascular and interventional access, surgical, anesthesia, cardiac care, urology, emergency medicine and respiratory care. Teleflex employees worldwide are united in the understanding that what we do every day makes a difference. For more information, please visit teleflex.com.

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