



Intersurgical EcoLite™ range

Comfortable for the patient
Comfortable for the environment



Greener ▪ Lighter ▪ More Comfortable

Intersurgical EcoLite™ the lightest and most comfortable range of oxygen and aerosol masks

Welcome to the Comfort Zone

The unique design and materials used to manufacture the Intersurgical EcoLite mask provides improved patient comfort and a reduced environmental impact.

Comfortable for the Patient

Improved patient comfort has been key to the development of the Intersurgical EcoLite mask. The latest manufacturing technology has enabled us to combine two non-PVC materials in the same product, the polypropylene material forming the body of the Intersurgical EcoLite mask is clear, lightweight and rigid enough to maintain the masks shape, whilst the second softer TPE material is utilised in the seal, which is in contact with the patients face.

Comfortable for the Environment

The Intersurgical EcoLite mask is an important part of our Eco range, designed as part of our ongoing focus on sustainable development. Various groups have questioned the use of PVC in medical products and its impact on the environment. The utilisation of alternative materials has resulted in the elimination of PVC from the Intersurgical EcoLite mask, reducing the environmental impact.



www.intersurgical.nl/info/eco

Incurved nose seal

Conforms to different nose shapes designed to prevent oxygen entering patient's eyes

No metal nose clip

MRI compatible

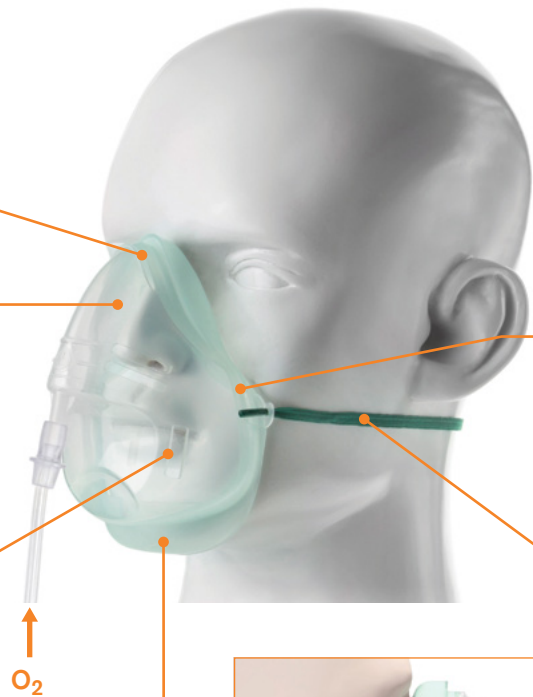
Exhalation ports

Designed to minimise the amount of rebreathed carbon dioxide

A choice of "under chin" or "on chin" positions

Provides a better fit on a wider range of patient face shapes

Video available at www.intersurgical.nl



Soft face seals

Increased patient comfort

Elastic can be positioned under or over the ears

Below ear position eliminates trauma to top of ears







Medium concentration oxygen mask

The Intersurgical EcoLite™ medium concentration adult oxygen mask provides a comfortable lightweight option, which is suitable for a wide range of face shapes.




Code	Description	Tube length	Box Qty.
1136015	Intersurgical EcoLite, adult, medium concentration oxygen mask		55 
1135015	Intersurgical EcoLite, adult, medium concentration oxygen mask with tube	2.1m	40 

Make an enquiry

FiltaMask™

The FiltaMask combines an oxygen delivery system with a filter media covering the exhalation ports. FiltaMask is intended for use on patients who may be a source of aerosolised infectious pathogens and who also require supplementary oxygen.






Code	Description	Tube length	Box Qty.
1145000	FiltaMask, Eco, adult, medium concentration oxygen mask with tube	2.1m	15 

Make an enquiry

Sentri™ ETCO₂ mask

The Sentri Mask is an adult, medium concentration Intersurgical EcoLite oxygen mask with a Luer lock connector enabling the connection of a monitoring line, the other end of which is connected to a capnometer. The Sentri mask is used for measuring end-tidal CO₂ (ETCO₂) in expired gases while supplying oxygen to the patient.



Code	Description	Tube length	Box Qty.
1142015	Sentri Intersurgical EcoLite, adult, mask with CO ₂ monitoring line and tube	2.1m	30 
1143015	Sentri Intersurgical EcoLite, adult, mask with CO ₂ monitoring line, filter and tube	2.1m	30 
1141015	Sentri Intersurgical EcoLite, adult, mask with tube	2.1m	30 

Make an enquiry

Adult high concentration oxygen mask

- Two integral chin seals ensure that the mask fits a wider range of face shapes
- These design features combine to provide an improved seal on the patient's face, which in turn, results in higher oxygen concentrations as less ambient air enters the mask
- Low resistance safety valves allow the patient to breathe air should the oxygen supply fail or be inadequate to meet peak flow requirements

The Intersurgical EcoLite™ high concentration mask can provide oxygen concentrations greater than 80%, at flows of 10–15 L/min (these values are approximate and depend on the patient's breathing pattern).

▶ Video available at www.intersurgical.nl



Incurved nose seal

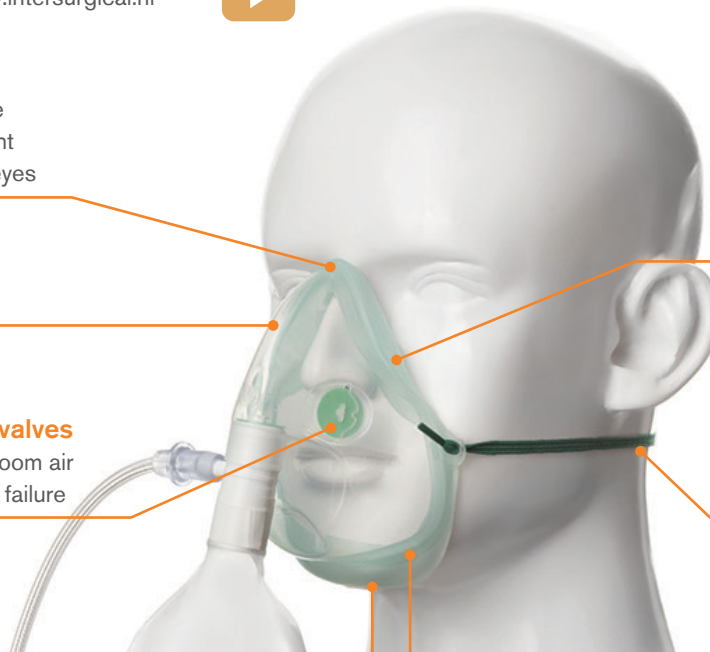
Conforms to different nose shapes designed to prevent oxygen entering patient's eyes

No metal nose clip

MRI compatible

Two integrated safety valves

Allows patient to breathe room air in the event oxygen supply failure



Soft face seals
Increased patient comfort

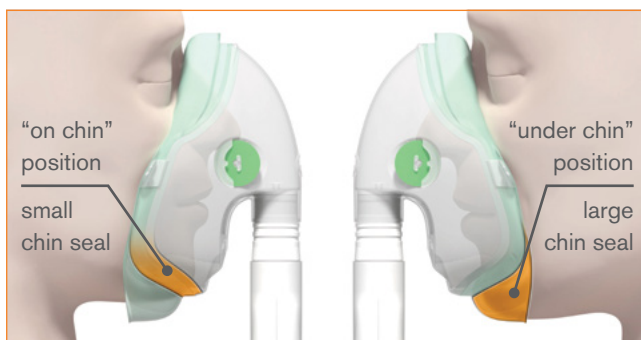
Elastic can be positioned under or over the ears
Below ear position eliminates trauma to top of ears

A choice of "under chin" or "on chin" positions

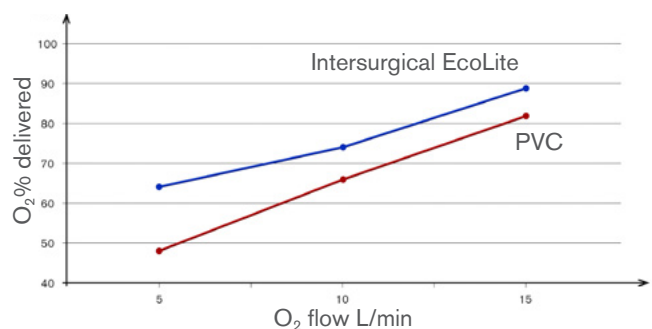
Provides a better fit on a wider range of patient face shapes

Improved sealing
Higher oxygen concentrations

Make an enquiry



Oxygen percentage delivered Intersurgical EcoLite™ compared to PVC high concentration masks



Code	Description	Tube length	Box Qty.
1181015	Intersurgical EcoLite, adult, high concentration oxygen mask with tube	2.1 m	24




Silente™, Intersurgical EcoLite™ adjustable venturi mask kit

The Silente Intersurgical EcoLite kit has been designed to operate at a very low noise level, with the large diameter body providing space for clear, widely spaced calibration and incorporates a "pull-twist" action to prevent accidental adjustment.

The concentration delivered is unaffected by the patient's breathing pattern provided that the optimum flow indicated on the valve is set on the oxygen flow meter.



Code	Description	Tube length	Box Qty.
1137015 NEW	Silente, Intersurgical EcoLite, adult, adjustable venturi mask kit with tube	1.8m	30 


[Make an enquiry](#)

MultiOx™, Intersurgical EcoLite™ adjustable venturi mask kit

The MultiOx Intersurgical EcoLite kit provides a lower cost option to the top of the range Silente Intersurgical EcoLite whilst maintaining the same levels of accuracy.

The concentration delivered is unaffected by the patient's breathing pattern provided that the optimum flow indicated on the valve is set on the oxygen flow meter.



Code	Description	Tube length	Box Qty.
1117015	MultiOx, Intersurgical EcoLite, adult, adjustable venturi mask kit with tube	1.8m	80 

[Make an enquiry](#)

Intersurgical EcoLite™ mask venturi kit

A complete kit comprised of five valves, an adult or paediatric Intersurgical EcoLite aerosol mask, oxygen tube and humidification cup. The flow printed on the valves ensures that the patient receives a total flow of approximately 40 L/min. This is designed to meet the patients normal peak flow requirements.



Code	Description	Box Qty.
1107085	Intersurgical EcoLite, adult, venturi mask kit	25 

[Make an enquiry](#)

Venturi valve Intersurgical EcoLite™ mask kits

These kits incorporate the Intersurgical EcoLite masks providing an unprecedented level of comfort and a reduced environmental impact.



Code	Description	Tube length	Box Qty.
1060085	Intersurgical EcoLite™, adult, oxygen mask with 60% venturi valve, green		40
1060081 <i>NEW</i>	Intersurgical EcoLite, adult, oxygen mask with 60% venturi valve, green and tube	1.8m	40
1040085	Intersurgical EcoLite, adult, oxygen mask with 40% venturi valve, red		40
1040081 <i>NEW</i>	Intersurgical EcoLite, adult, oxygen mask with 40% venturi valve, red and tube	1.8m	40
1035085	Intersurgical EcoLite, adult, oxygen mask with 35% venturi valve, yellow		40
1035081 <i>NEW</i>	Intersurgical EcoLite, adult, oxygen mask with 35% venturi valve, yellow and tube	1.8m	40
1031085	Intersurgical EcoLite, adult, oxygen mask with 31% venturi valve, orange		40
1031081 <i>NEW</i>	Intersurgical EcoLite, adult, oxygen mask with 31% venturi valve, orange and tube	1.8m	40
1028085	Intersurgical EcoLite, adult, oxygen mask with 28% venturi valve, white		40
1028081 <i>NEW</i>	Intersurgical EcoLite, adult, oxygen mask with 28% venturi valve, white and tube	1.8m	40
1024085	Intersurgical EcoLite, adult, oxygen mask with 24% venturi valve, blue		40
1024081 <i>NEW</i>	Intersurgical EcoLite, adult, oxygen mask with 24% venturi valve, blue and tube	1.8m	40

Make an enquiry

Intersurgical EcoLite™ aerosol face masks and nebulisers

The Intersurgical EcoLite™ aerosol mask is available alone or with the Cirrus™2 or HOT Top™2 nebulisers.



Code	Description	Box Qty.
1188015	Intersurgical EcoLite, adult, aerosol mask	50
1453015	Cirrus2 nebuliser, adult, Intersurgical EcoLite mask kit with tube, 2.1m	30
1463015	HOT Top2 nebuliser, adult, Intersurgical EcoLite mask kit with tube, 1.8m	30

Make an enquiry




Adult tracheostomy mask

- The quick release elastic system ensures that the adult tracheostomy mask can be removed and refitted easily, simplifying hygiene procedures
- 60% lighter than a PVC mask, more comfortable for the patient
- 82% reduction in environmental impact

The Intersurgical EcoLite tracheostomy mask is high quality, lightweight mask with a quick-release elastic for ease of use.

▶ Video available at www.intersurgical.nl



Code	Description	Connectors	Box Qty.
120050	Intersurgical EcoLite, adult, tracheostomy mask	22M	30 

Make an enquiry

Paediatric oxygen and aerosol masks

We also provide a range of paediatric Intersurgical EcoLite™ options.

- The shape and position of the exhalation ports have been designed to minimise the amount of rebreathed carbon dioxide
- 50% lighter than a PVC mask, which is more comfortable for the patient
- 59% reduction in environmental impact

Incurved nose seal

Improving the fit and eliminating the need for a separate nose clip. Designed to prevent oxygen or aerosolised drugs entering the patient's eyes

Soft face seal

For improved patient comfort

A choice of "under chin" or "on-chin" positions

Provides a better fit on a wider range of patient face shapes





The material forming the body of the mask is clear, permitting visualisation of the patient's nose and lips. It is also rigid enough to maintain the mask's shape during transportation and use

Paediatric medium concentration oxygen mask

The Intersurgical EcoLite is the lightest and most comfortable paediatric mask available.

▶ Video available at www.intersurgical.nl



Code	Description	Tube length	Box Qty.
1190015	Intersurgical EcoLite, paediatric, medium concentration oxygen mask		42 
1196015	Intersurgical EcoLite, paediatric, medium concentration oxygen mask with tube	2.1m	40 

Make an enquiry

 Lower environmental impact product

Paediatric adjustable venturi mask kits

The Intersurgical EcoLite™ paediatric adjustable venturi mask kits, available with the Silente™ and MultiOx™ adjustable venturis.



Code	Description	Tube length	Box Qty.
1138015	Silente, Intersurgical EcoLite, paediatric, adjustable venturi mask kit with tube	1.8m	40
1118005	MultiOx, Intersurgical EcoLite, paediatric, adjustable venturi mask kit with tube	1.8m	40

Make an enquiry

Paediatric aerosol face masks and nebulisers

The Intersurgical EcoLite paediatric aerosol mask is available alone or with Cirrus™2 or HOT Top™2 nebuliser.



Code	Description	Tube length	Box Qty.
1198015	Intersurgical EcoLite, paediatric, aerosol mask		42
1454015	Cirrus2 nebuliser, paediatric, Intersurgical EcoLite mask kit and tube	2.1m	36
1468015	HOT Top2 nebuliser, paediatric, Intersurgical EcoLite mask kit with tube	1.8m	36

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Intersurgical EcoLite™ range



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www.intersurgical.com/info/IntersurgicalEcoLite

References:

1. E.M.Gotlib, Composition of incineration products of plasticed PVC. Materials Reactive & Functional Polymers 48 (2001) 209-213.
2. B. Jacquinot, The Influence of PVC on the Quantity and Hazardousness of Flue Residues from Incineration, Bertin Technologies Tarnos, April 2000.
3. M. Wey, The Influence of Heavy Metals on the Formation of Organics and HCl During Incinerating of PVCcontaining Waste, Journal of Hazardous Materials 60_1998, 259-270.
4. D.Wang, Polychlorinated Naphthalenes and Other Chlorinated Tricyclic Aromatic Hydrocarbons Emitted from Combustion of Polyvinyl Chloride, Journal of Hazardous Materials, 2006.
5. A Greenpeace Brief on the Report, The Influence of PVC on the Quantity and Hazardousness of Flue Gas Residues from Incineration, European Commission, April 2000.

Lower environmental impact product



Intersurgical Benelux B.V. Vluchtoord 28, 5406 XP, Uden, Nederland
T: +31 (0)413 243 860 F: +31 (0)413 243 869 info@intersurgical.nl www.intersurgical.nl



The manufacturer Intersurgical Ltd is certified to ISO 9001:2015, ISO 13485:2016 and ISO 14001:2015

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