




## 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

The Intersurgical EcoLite range of oxygen and aerosol therapy products is an important part of the Eco range  designed as part of our ongoing focus on sustainable development.

Improved patient comfort has been key to the ongoing development of the range. 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 mask's shape, whilst the second softer TPE material is utilised in the seal, which is in contact with the patient's face.

The use of these materials and the unique design of the masks have resulted in a range of oxygen and aerosol therapy products which provide improved patient comfort and a reduced environmental impact. 12345

All of the Intersurgical EcoLite face masks share the following key features and benefits:

- Soft chin, nose and side seals ensure exceptional levels of patient comfort
- Lighter than PVC masks, more comfortable for the patient
- Incurred nose seal eliminates the need for a separate nose clip, designed to prevent oxygen and aerosolised drugs entering the patient's eyes
- MRI compatible
- Lower environmental impact

In addition the following features and benefits are product specific:

### Adult oxygen and aerosol masks

- 50% lighter than a PVC mask, which is more comfortable for the patient
- 69% reduction in environmental impact

### Incurved nose seal

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

### No metal nose clip

MRI compatible

### Exhalation ports

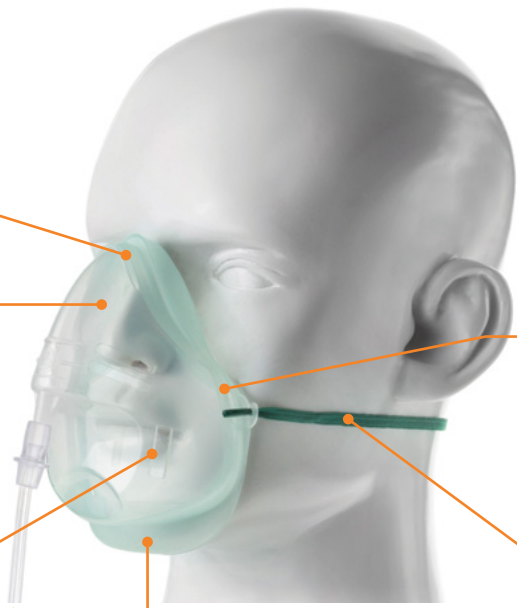
Designed to minimise the amount of rebreathed carbon dioxide

O<sub>2</sub>

### 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.com](http://www.intersurgical.com)

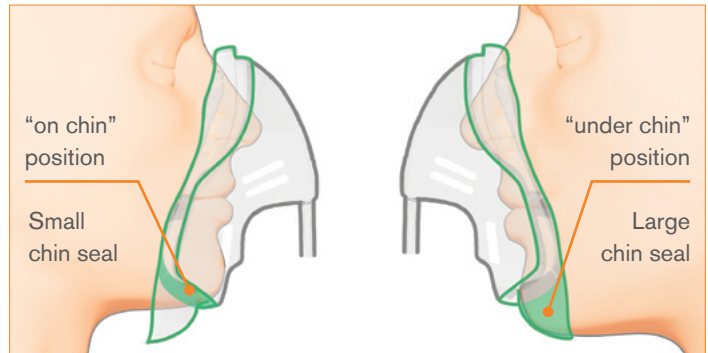


### Soft face seals

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™ ETCO<sub>2</sub> 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 CO<sub>2</sub> (ETCO<sub>2</sub>) in expired gases while supplying oxygen to the patient.



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

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.

Make an enquiry



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

## Venturi valve Intersurgical EcoLite™ mask kits

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

Make an enquiry



Code	Description	Box Qty.
1060085	Intersurgical EcoLite, adult, oxygen mask with 60% venturi valve, green	40
1040085	Intersurgical EcoLite, adult, oxygen mask with 40% venturi valve, red	40
1035085	Intersurgical EcoLite, adult, oxygen mask with 35% venturi valve, yellow	40
1031085	Intersurgical EcoLite, adult, oxygen mask with 31% venturi valve, orange	40
1028085	Intersurgical EcoLite, adult, oxygen mask with 28% venturi valve, white	40
1024085	Intersurgical EcoLite, adult, oxygen mask with 24% venturi valve, blue	40

## 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.

Make an enquiry



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



## 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.com](http://www.intersurgical.com)



### 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

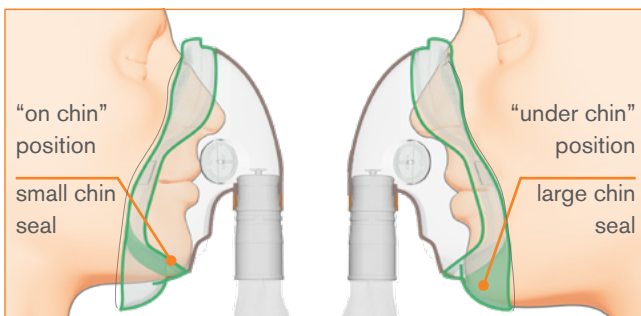
### Elastic can be positioned under or over the ears

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

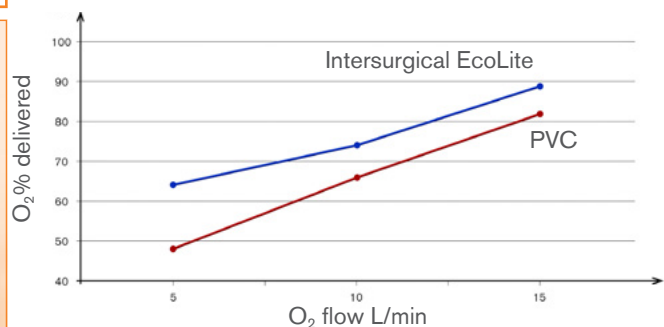
Make an enquiry



### Improved sealing

Higher oxygen concentrations

### Intersurgical EcoLite compared to PVC high concentration masks



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

## 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.com](http://www.intersurgical.com)



Code	Description	Connectors	Box Qty.
1200050	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.com](http://www.intersurgical.com)






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

## 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 

Make an enquiry

 Lower environmental impact product

## 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.

### Intersurgical EcoLite™ range

Intersurgical EcoLite range of products are more comfortable for the patient and for the environment

[www.intersurgical.com/info/IntersurgicalEcoLite](http://www.intersurgical.com/info/IntersurgicalEcoLite)



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