# Eco Oxygen Mask

Improved non-pvc design, low environmental impact

# Introducing a major breakthrough in oxygen mask design

Within the medical device industry environmental issues have been raised from pressure groups that have questioned the use of PVC in medical products. There is particular concern with the disposal of PVC products especially when it involves incineration, due to potential release of harmful gases[1,2,3,4,5].

As part of our continual improvement process, Intersurgical aims to reduce the environmental impact of its products and processes. This has resulted in a long search for alternative materials to PVC to address these concerns.

### Innovation

Utilisation of the latest manufacturing technology has enabled us to combine two non-PVC materials in the same mask. The material forming the body of the mask is clear and rigid enough to maintain the masks shape while a second, softer material is utilised in the manufacture of the seal, which is in contact with the patients face.

### Lower environmental impact

The use of these materials has resulted in an oxygen mask with an environmental impact score of 4 milli ecopoints when compared to the equivalent PVC mask which has an environmental impact score of 15 milli ecopoints. A 73% reduction![6,7]. The result is the new Intersurgical Eco Oxygen mask providing a much improved product with a reduced environmental impact.

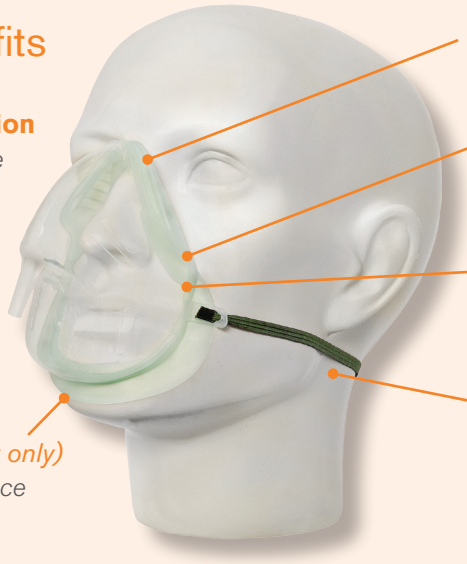
## Features and benefits

**Non-PVC construction**
*Reduced impact on the environment*

**Clear rigid shell**
*Resists deformation*

**50% lighter than conventional mask**
*Patient comfort*

**'On-chin' positioning** *(adult only)*
*Better fit on a wider range of face shapes*



**Integral 'nose-clip'**
*Improved seal*

**Soft seal material**
*Improved level of comfort*

**Incurved seal design**
*Improved seal*

**Low elastic position** *(adult only)*
*Eliminates trauma to the patient's ears*

## Ordering information

| | | |
|---|---|---|
| **1135** | Adult Eco Oxygen Mask with 2.1m oxygen tube | 50 |
| **1136** | Adult Eco Oxygen Mask | 70 |
| **1190015** | Paediatric Eco oxygen mask | 42 |
| **1196015** | Paediatric Eco oxygen mask with tube | 40 |


Clinical references:

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3. M. Wey, The Influence of Heavy Metals on the Formation of Organics and HCl During Incinerating of PVC-containing Waste, Journal of Hazardous Materials 60_1998, 259–270.
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7. 2006 SimaPro Version 6, Pre Consultants bv, Plotterweg 12, 3821 BB Amersfoort, The Netherlands


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