



## Venturi valve Intersurgical EcoLite™ mask kits

The lightest and most comfortable mask available



**Oxygen and Aerosol Therapy** ▪ Fixed Oxygen Concentration (High Flow)



## Intersurgical EcoLite™ venturi valves and mask kits

Introducing a comprehensive range of venturi valves available individually or in kits. These products are designed to meet the requirements of BS EN 13544-3: 2001 and colour coded for easy identification.

### Optimum flow rates

The flow printed on the valves ensures that the patient receives a total flow of approximately 40 L/min<sup>3</sup>. This is designed to meet the patient's 'normal' peak flow requirements.

If the patient is hyperventilating then their peak flow requirements may exceed 40L/min<sup>3</sup>. The oxygen flow can be increased leading to a higher total flow (see table) with no significant change in delivered oxygen concentration<sup>4</sup>.

### Flow rates

Oxygen flow meter - litres per minute (L/min)

	2	3	4	5	6	7	8	9	10	11	12	15
24%	<b>52</b>	78	104	130	156	181	207	233	259	285	311	389
28%	<b>22</b>	<b>34</b>	<b>45</b>	56	67	78	90	101	112	123	135	168
31%	<b>16</b>	<b>24</b>	<b>31</b>	<b>39</b>	<b>47</b>	55	63	71	79	87	94	118
35%	<b>11</b>	<b>17</b>	<b>23</b>	<b>28</b>	<b>34</b>	<b>39</b>	<b>45</b>	51	56	62	68	84
40%	<b>8</b>	<b>12</b>	<b>17</b>	<b>21</b>	<b>25</b>	<b>29</b>	<b>33</b>	<b>37</b>	<b>41</b>	46	50	62
60%	<b>4</b>	<b>6</b>	<b>8</b>	<b>10</b>	<b>12</b>	<b>14</b>	<b>16</b>	<b>18</b>	<b>20</b>	<b>22</b>	<b>24</b>	<b>30</b>

Total flow rate to patient  
litres per minute (L/min)

NOTE: Figures in white indicate total gas flows which may be less than the patient's peak inspiratory flow.  
Figures in **bold** indicate total flow rate to patient when using recommended oxygen flow.

References

1. Adult Eco Mask with Venturi Valve environmental evaluation, IQR159 - 15630 N.Goodman, August 2008.
2. 2006 SimaPro Version 6, Pre Consultants bv, Plotterweg 12, 3821 BB Amersfoort, The Netherlands
3. Clinical Practice in Respiratory Care. James B.Fink. P277
4. JWA OA Venturi Oxygen Concentration Marketing1. April 2014



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

### Incurved nose seal

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

### No metal nose clip

MRI compatible

### Soft face seals

Increased patient comfort

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

Below ear position eliminates trauma to top of ears

### Improved sealing

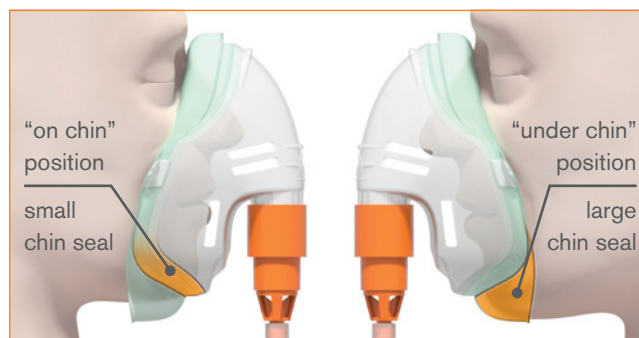
Higher oxygen concentrations

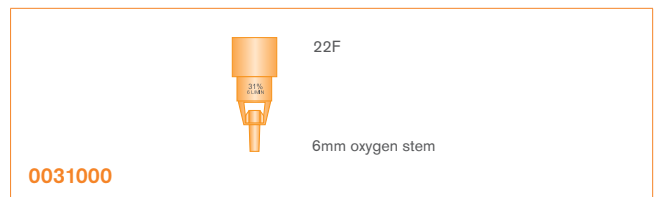
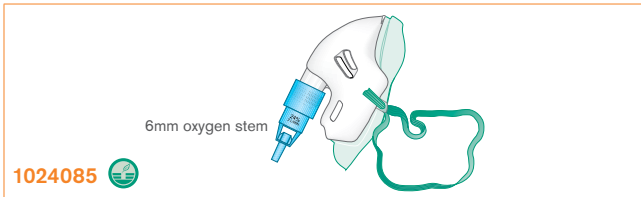
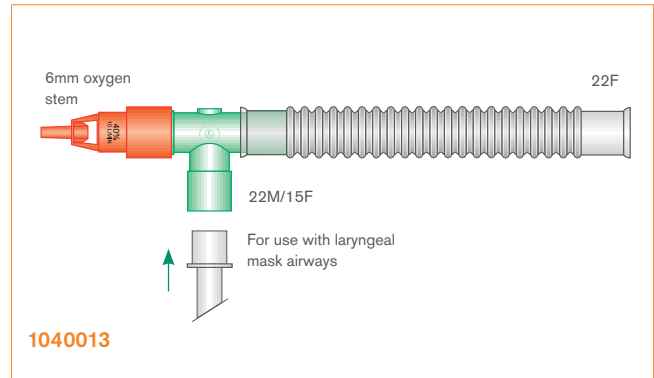
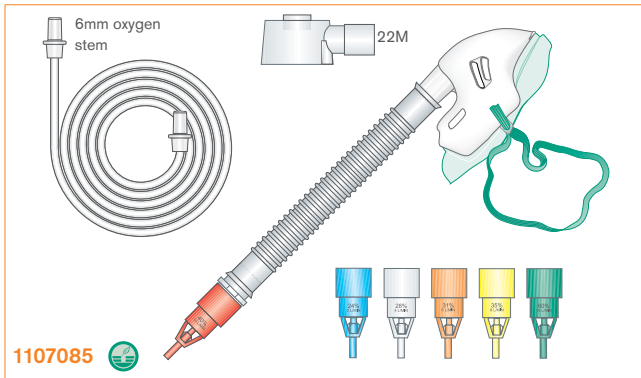
Accurate oxygen concentrations in compliance with ISO Standard EN 13544-3:2001



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

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





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

Code	Description	Box Qty.
0060000	Venturi valve 60% oxygen, green	50
0070000	Venturi valve 50% oxygen, pink	50
0040000	Venturi valve 40% oxygen, red	50
0035000	Venturi valve 35% oxygen, yellow	50

Code	Description	Box Qty.
0031000	Venturi valve 31% oxygen, orange	50
0028000	Venturi valve 28% oxygen, white	50
0024000	Venturi valve 24% oxygen, blue	50
1040013	Oxygen recovery kit, 40% oxygen	40

Make an enquiry

Lower environmental impact product



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The manufacturer Intersurgical Ltd is certified to ISO 9001:2015, ISO 13485:2003 and ISO 14001:2015

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