



## Venturi valve Intersurgical EcoLite™ mask kits



**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. The venturi valves are designed to meet the requirements of BS EN 13544-3:2001+A1:2009 and are color coded for easy identification.

### Optimum flow rates

The flow printed on the valves ensures that in most cases, the patient receives a total flow of approximately 40 L/min. This is designed to meet the patient's 'normal' peak flow requirements.

In situations where a patient's peak flow requirements may exceed 40L/min, the oxygen flow can be increased leading to a higher total flow (see table) with no significant change in delivered oxygen concentration.

### Flow rates

Oxygen flow meter — Liters per minute (L/min)

|     | 2         | 3  | 4         | 5  | 6         | 7  | 8         | 9  | 10        | 11 | 12 | 15        |
|-----|-----------|----|-----------|----|-----------|----|-----------|----|-----------|----|----|-----------|
| 24% | <b>52</b> | 78 | 104       |    |           |    |           |    |           |    |    |           |
| 28% |           |    | <b>45</b> | 56 | 67        | 79 | 90        |    |           |    |    |           |
| 31% |           |    |           |    | <b>47</b> | 55 | 63        | 71 | 79        | 87 |    |           |
| 35% |           |    |           |    |           |    | <b>45</b> | 51 | 56        | 62 | 68 | 84        |
| 40% |           |    |           |    |           |    |           |    | <b>42</b> | 46 | 50 | 62        |
| 60% |           |    |           |    |           |    |           |    |           |    |    | <b>30</b> |

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

NOTE: Figures in **bold** indicate total flow rate to patient when using recommended oxygen flow.

References

1. Clinical Practice in Respiratory Care, James B. Fink & Gerald E. Hunt, 1999
2. British Thoracic Society Guideline for oxygen use in adults in healthcare and emergency settings, O'Driscoll BR, et al. Thorax 2017
3. IQR 226993
4. IQR 319281



### 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, while the second softer TPE material is utilized 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. The use of PVC in medical products has been questioned and its impact on the environment. The utilization of alternative materials has resulted in the elimination of PVC from the Intersurgical EcoLite mask, reducing the environmental impact.

### Intersurgical EcoLite™

Further information available at [us.intersurgical.com/info/IntersurgicalEcoLite](http://us.intersurgical.com/info/IntersurgicalEcoLite)

### Eco range

Further information available at [us.intersurgical.com/info/Eco](http://us.intersurgical.com/info/Eco)



### Incurved nose seal

Conforms to different nose shapes designed to reduce the risk of oxygen entering patient's eyes

### No metal nose clip

MRI compatible

### Soft face seals

Increased patient comfort

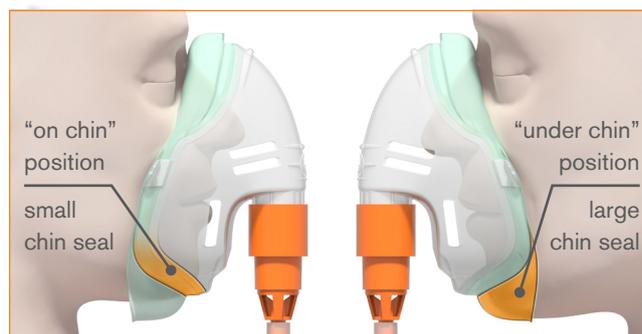
### Elastic can be positioned under or over the ears

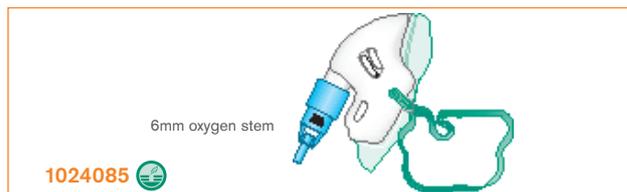
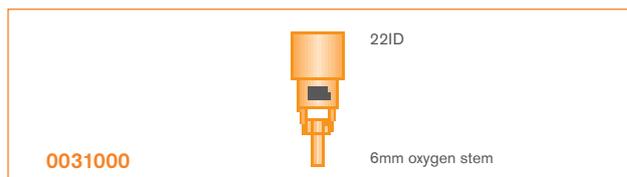
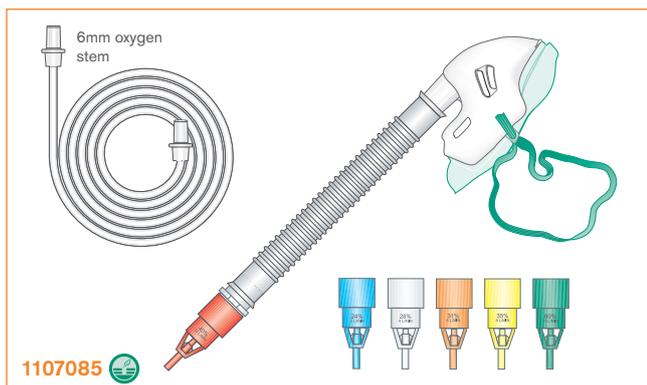
Below ear position eliminates trauma to top of ears



### 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 |
| ● 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 |
| 1107085   | Intersurgical EcoLite, adult, venturi mask kit                           | 1.8m | 25 |

| 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 |