

Non Rebreathing Masks

Product Data Sheet

PRODUCT: Non Rebreathing Masks



DESCRIPTION / FUNCTION

Flexicare's Non Rebreathing (NRB) Masks are designed to provide the highest possible fraction of inspired oxygen concentration (FiO_2) to patients who require a rapid increase in the concentration of oxygen contained in the functional residual capacity of the lungs. The Flexicare NRB Mask is intended for use in patients experiencing acute illness in which high levels of oxygen are required. The NRB Mask allows the delivery of higher concentrations of oxygen and also provides a visual indication of the patient's respiratory profile.

The Mask comprises a face mask with one way exhalation ports and a Non Rebreathing connector featuring a one-way inlet valve. The Non Rebreathing connector is attached to an oxygen reservoir bag and has an oxygen inlet spout that enables oxygen tubing (optionally supplied) to be connected. During inhalation, the one-way inlet valve within the Non Rebreathing connector allows oxygen to flow into the mask from the oxygen supply and reservoir bag. During exhalation, the one-way inlet valve closes. This diverts oxygen supply into the reservoir bag and exhaled air through the exhalation ports on the mask. The reservoir bag allows for an inspiratory effort of which a larger portion is fresh gas. This minimises entrainment and mixing and thus ensures that the patient receives the highest possible levels of FiO_2 .

Masks are supplied with a head strap or ear loops, where the latter allow for fitting without having to move the patient's head. Other variants include masks supplied with a nose clip and/or oxygen tubing.

WARNINGS

- Do not use if packaging is open or damaged.
- Single-use device only. Do not sterilise or autoclave.
- After use, this product is contaminated waste and may be a potential biohazard. Handle and dispose of in accordance with hospital policy and applicable local guidelines and regulations.

SPECIFICATION / KEY FEATURES

- Delivers a high concentration of oxygen
- The reservoir bag ensures adequate oxygen supply to meet unpredictable breathing patterns and tidal volumes
- Star Lumen Tubing ensures the flow of oxygen is maintained, even if the tube is kinked
- Elasticated ear loop option on the adult mask eliminates the need for the patient's head to be moved to fit the mask, reducing further injury or trauma
- Castellations on the Non Rebreathing connector ensure the flow of oxygen from the bag to the patient is uninterrupted
- Mask can be fitted quickly and easily with the Non Rebreathing connector being rotated to suit the patient's position
- Latex Free – Eliminates the risk of allergic reaction
- Adult Non Rebreathing Masks deliver the following approximate minimum oxygen concentration but the exact concentration a patient receives will depend on: fresh gas flow; breaths per minute; tidal volume; fit of mask

	Approx. minimum O₂ concentration delivered (for Tidal Volume of 500ml at 15 breaths per minute)
Adult Non Rebreathing Mask	80% @ 15 L/min

PRODUCT RANGE & PART NUMBERS

032-10-070	Adult Non Rebreathing Mask with Ear Loops and Tubing
032-10-071	Adult Non Rebreathing Mask with Ear Loops
032-10-072	Adult Non Rebreathing Mask with Head Strap and Tubing
032-10-072NC	Adult Non Rebreathing Mask with Head Strap, Tubing and Nose Clip
032-10-072SM	Small Adult Non Rebreathing Mask with Head Strap and Tubing
032-10-073	Adult Non Rebreathing Mask with Head Strap
032-10-076	Adult Non Rebreathing Mask with Safety Port, Ear Loops and Tubing
032-10-078	Adult Non Rebreathing Mask with Safety Port, Head Strap and Tubing
032-10-078NC	Adult Non Rebreathing Mask with Safety Port, Ear Loops, Tubing and Nose Clip
032-10-080	Paediatric Non Rebreathing Mask with Head Strap and Tubing
032-10-081	Paediatric Non Rebreathing Mask with Head Strap
032-10-084	Paediatric Non Rebreathing Mask with Safety Port, Head Strap and Tubing

MATERIALS

Component	Material
Mask	Polyvinyl Chloride (PVC)
Oxygen Reservoir Bag	Polyvinyl Chloride (PVC)
Non Return Valve	Silicone
Head Strap / Ear Loops	Polyester
Star Lumen Tube	Polyvinyl Chloride (PVC)
Oxygen Connector	Polyvinyl Chloride (PVC)
Non Rebreathing Connector	Polypropylene (PP)
Nose Clip	Aluminium

LATEX CONTENT

Flexicare Non Rebreathing Masks do not contain natural rubber Latex.

DEHP CONTENT

Flexicare Non Rebreathing Masks do not contain phthalate DEHP.

SINGLE-USE

Flexicare Non Rebreathing Masks are Single-use devices and are to be disposed of after one use. DO NOT Reuse, Sterilise or Autoclave.

STERILITY

Flexicare Non Rebreathing Masks are supplied non-sterile.

STORAGE

Store in a cool, dry place out of direct sunlight.

SHELF LIFE

Flexicare declares a shelf life of five years from the date of manufacture. This is based on the stability of the devices' components and raw materials sourced. Expiry date is clearly marked on individual product pouch.

DISPOSAL CONSIDERATIONS

Dispose as clinical waste, in accordance with hospital policy, local guidelines and regulations.

PACKAGING MATERIALS

Primary - Polybag Polyethylene (PE)
Secondary – Carton / Box Cardboard, Quantity per Carton = 50