

# Nasal Cannula

Product Data Sheet

## PRODUCT: Nasal Cannula



## DESCRIPTION / FUNCTION

Nasal Cannulas are used for their simplicity and patient compliance in delivering supplementary oxygen. Ambient air is entrained through the nostrils, with the Fraction of inspired oxygen ( $FiO_2$ ) achieved being proportional to the flow rate of oxygen (1-6 l/min), the patient's tidal volume, inspiratory flow rate and the volume of the nasal pharynx.

At an oxygen flow rate of 2 l/min the oxygen concentration in the hypopharynx of a resting person is 25% to 30%. Nasal Cannulas prevent rebreathing and are comfortable for long periods.

## WARNINGS

- Do not use if packaging is open or damaged
- Single patient use device. 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

- Latex free
- DEHP free
- Soft-touch tubing over the ears and face increases patient comfort and improves patient experience
- Tube slide permits securing around patient's ears
- Typical oxygen concentration in hypopharynx is 25 – 30% at 2 LPM oxygen flow
- Tubing – Anti kink design to prevent accidental blockage of the oxygen flow
- There is increased therapy compliance with nasal cannulas as patients are able to speak, eat and drink
- 35% of all pressure ulcers acquired in hospital from medical devices affect the ears<sup>1</sup>. Soft touch tubing minimises stresses in this delicate area, reducing the potential for skin breakdown and costs

<sup>1</sup> Medical device related pressure ulcers in hospitalised patients. *International Wound Journal*. 2010. Vol 7. No 5.

**PRODUCT RANGE & PART NUMBERS**

<b>Product Code</b>	<b>Description</b>
Adult	
032-10-020	Adult Nasal Cannula
032-10-020FC	Adult Flared Curved Nasal Cannula
032-10-022	Adult Nasal Cannula with 2.1m Tubing
032-10-022FC	Adult Flared Nasal Cannula with 2.1m Tubing
032-10-107	Adult Flared Tip Nasal Cannula
Soft Tip Curved	
032-10-101	Adult Soft Tip Nasal Curved Cannula with 2.1m Tubing
032-10-102	Adult Soft Tip Nasal Curved Cannula
032-10-103	Paediatric Soft Tip Curved Nasal Cannula with 2.1m Tubing
032-10-104	Paediatric Soft Tip Curved Nasal Cannula
032-10-105	Neonatal Soft Tip Curved Nasal Cannula with 2.1m Tubing
Nasal Cannulas with CO <sub>2</sub> monitoring	
032-10-108	Adult Nasal Cannula with CO <sub>2</sub> Monitoring with 3m Tubing
032-10-109	Adult Nasal Cannula with O <sub>2</sub> /CO <sub>2</sub> Combi Monitoring with 2.1m Tubing
Soft Tip	
032-10-114	Adult High Demand Soft Tip Nasal Cannula with 2.1m Tubing
032-10-115	Infant Soft Tip Nasal Cannula with 2.1m Tubing
032-10-116	Premature Soft Tip Nasal Cannula with 2.1m Tubing

**MATERIALS**

<b>Component</b>	<b>Material</b>
Soft Touch Tubing	Polyvinyl Chloride (PVC) Frost Finish
Tube Star Lumen	Polyvinyl Chloride (PVC)
Nasal Cannula Y-piece	Polyvinyl Chloride (PVC)
Nasal Cannula	Polyvinyl Chloride (PVC)
Oxygen Connector	Polyvinyl Chloride (PVC)
Male Luer Connector	Acrylonitrile Butadiene Styrene (ABS)
Nasal Cannula Tube Slide	Polyethylene (PE)

## **LATEX CONTENT**

Flexicare Nasal Cannulas do not contain natural rubber Latex.

## **DEHP CONTENT**

Flexicare Nasal Cannulas do not contain phthalate DEHP.

## **SINGLE PATIENT USE**

Flexicare Nasal Cannulas are single patient use devices.

## **STERILITY**

Flexicare Nasal Cannulas 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 packaging.

## **DISPOSAL CONSIDERATIONS**

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

## **PACKAGING MATERIALS:**

Primary - Polybag Polyethylene (PE)

Secondary - Carton Cardboard, Quantity per Carton = 100