# PRODUCT CATALOG

**Primed®**

PRIMED
Ultrasoft®

Basic 9

CE 0482

O.D. 12.5 mm
I.D. 9.0 mm
C 81.0 mm

**Primed®** is a highly experienced manufacturer of medical devices for tracheostomized and laryngectomized patients.

For many years we have been supplying our customers with high quality products "MADE IN GERMANY".

In line with our corporate policy, the medical devices offered by **Primed®** are developed, produced and marketed in our own company. This is done in close cooperation with our customers and academic institutions.

The basis is formed by a certified development process in accordance with the DIN 13485 standard, in which highly innovative medical devices are continuously developed on the basis of ongoing market research and analysis.
Our vertical integration extends throughout the entire manufacturing process (injection moulding, extrusion, assembly) and also includes the sterilisation of devices in our own EO sterilisation unit.

The bundling of all the product-related processes in one company allows us to react flexibly to market requirements and guarantee the continuous further improvement of our existing products as well as to launch new products on the market.

# TABLE OF CONTENTS

# PDT SETS

## (Complete sets for percutaneous dilatational
## tracheostomy including tracheostomy tube)

Percutaneous dilatational tracheostomy is a standardized method in intensive medical treatment. As alternative for surgical tracheostomy it may be carried out less time-consuming at the bedside in ICU's. The dilated tracheostoma closes spontaneously and long-term cosmetic results are far superior to conventional tracheostomy.

All **Primed®** PDT sets include a dilation set and a matching tracheostomy tube set .

> **PDT set type 1** includes a dilation set for the Ciaglia dilation technique and an Optima PercuTrach® tracheostomy tube with atraumatic inserter.
>
> **PDT set type 2** includes a dilation set for the Griggs dilation technique, with tracheal dilating forceps, and an Optima tracheostomy tube.

Our dilation sets are ideally adapted to the use of **Optima** and **Optima PercuTrach®** tracheostomy tubes which are available with or without sieving and with or without subglottic suction line.

Dilation sets and tracheostomy tube sets are also available separately.

# DILATATION TRACHEOSTOMY
## developed by Ciaglia

The percutaneous dilatation tracheostomy technique according to Ciaglia is a minimal-invasive treatment which implies the stepless bouginage of the trachea by a conically shaped dilator via guide wire, thus enabling the insertion of a suitable tracheostomy tube.

**Primed®** **PDT Set Type 1** includes a conically shaped dilator which has a hydrophilic coating for assuring good gliding capabilities. After removing the dilator, the tracheostomy tube can be gently placed in the trachea via the atraumatic inserter.

The procedure should be performed under bronchoscopic control.

**1** Position patient with hyperextension of neck, cover area around the neck with sterile dressing, disinfect skin

**2** Palpation of neck, sonography (recommended), diaphanoscopy of neck area (obligatory), horizontal incision (1,5-2,0 cm) and blunt preparation up to trachea

PercuTrach®
**PDT SET Type 1**
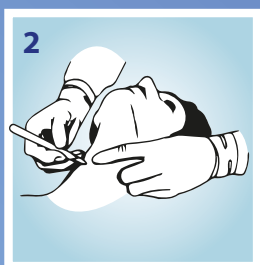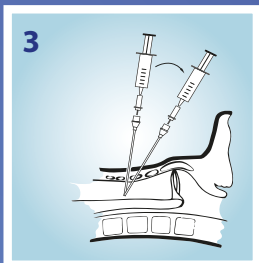
**3** — Puncture of trachea
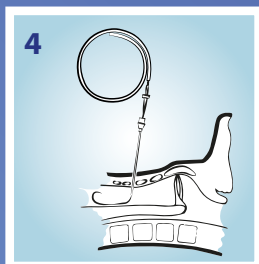
**4** — Insertion of guide wire (Seldinger wire)
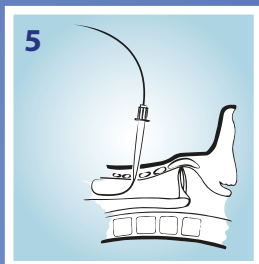
**5** — Pre-dilation of injection canal by pre-dilator, removing of pre-dilator
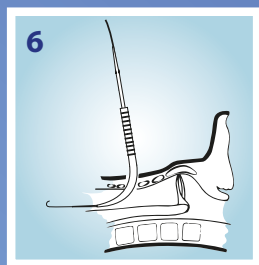
**6** — Moisten dilator. Push dilator with inserted guiding catheter into the trachea via guide wire up to the required size of tracheal orifice. After that, remove dilator.
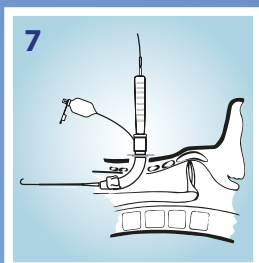
**7** — Place the atraumatic inserter in the tracheostomy tube, coat the cuff which has already been checked for leaks with lubricant gel and introduce it into the trachea orifice via the guiding catheter with guide wire inside. After positioning, remove the atraumatic inserter, guiding catheter and guide wire together.

**Package contents per set:**

PercuTrach®    Dilation set  I

- Pre-dilator
- Puncture cannula (14G)
- Dilator (hydrophilic coating)
- Guiding catheter with safety lock
- Guide wire with dispenser
- Gauze compresses
- Syringe
- Scalpel

Optima PercuTrach®    Basic Cuff

- Outer cannula with low-pressure cuff and 15 mm connector
- Atraumatic inserter
- 1  transparent, unfenestrated  inner cannula
- 1   white, unfenestrated, radiopaque inner cannula
- Obturator, perforated
- Neck strap
- Lubricant gel

STERILE EO

CUFF

STERILE EO

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length along centre line (OC) | Length along outer bend (OC) | PU | Article number PDT SET TYPE 1 |
|---|---|---|---|---|---|---|---|
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79,0 mm | 1 Complete Set (Dilation set I + Optima Percutrach® tracheostomy tube) | **112424** |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87,0 mm | 1 Complete Set (Dilation set I + Optima Percutrach® tracheostomy tube) | **112425** |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93,0 mm | 1 Complete Set (Dilation set I + Optima Percutrach® tracheostomy tube) | **112426** |

INCLUDING:

NECK STRAP          OBTURATOR          LUBRICANT GEL

# PercuTrach®
## PDT SET Type 1

**Package contents per set:**

### PercuTrach® Dilation set I

- Pre-dilator
- Puncture cannula (14G)
- Dilator (hydrophilic coating)
- Guiding catheter with safety lock
- Guide wire with dispenser
- Gauze compresses
- Syringe
- Scalpel

STERILE EO

### Optima PercuTrach® Voice Cuff

- Sieved outer cannula with low-pressure cuff and 15 mm connector
- Atraumatic inserter
- 1 red, fenestrated inner cannula
- 1 white, unfenestrated, radiopaque inner cannula
- Obturator, perforated
- Decannulation cap
- Speaking valve
- Neck strap
- Lubricant gel

SPEAK

CUFF

STERILE EO

## SIZE CHART:

| Size | $ID_{OC}$ | $ID_{IC}$ | OD | Length along centre line (OC) | Length along outer bend (OC) | PU | Article number PDT SET TYPE 1 |
|---|---|---|---|---|---|---|---|
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79,0 mm | 1 Complete Set (Dilation set I + Optima Percutrach® tracheostomy tube) | **112434** |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87,0 mm | 1 Complete Set (Dilation set I + Optima Percutrach® tracheostomy tube) | **112435** |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93,0 mm | 1 Complete Set (Dilation set I + Optima Percutrach® tracheostomy tube) | **112436** |

**INCLUDING:**

NECK STRAP

OBTURATOR

LUBRICANT GEL

PRIMEDI SPEAKING VALVE

DECANNULATION CAP

# PercuTrach®
## PDT SET Type 1

**Package contents per set:**

### PercuTrach®  Dilation set  I

- Pre-dilator
- Puncture cannula (14G)
- Dilator (hydrophilic coating)
- Guiding catheter with safety lock
- Guide wire with dispenser
- Gauze compresses
- Syringe
- Scalpel

STERILE EO

### Optima PercuTrach®  Suction

- Outer cannula with low-pressure cuff, subglottic suction function and 15 mm connector
- Atraumatic inserter
- 1 transparent, unfenestrated inner cannula
- 1 white, unfenestrated, radiopaque inner cannula
- Obturator, perforated
- Funnel connector
- Neck strap
- Lubricant gel

CUFF

SUCTION

STERILE EO

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length along centre line (OC) | Length along outer bend (OC) | PU | Article number PDT SET TYPE 1 |
|---|---|---|---|---|---|---|---|
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79,0 mm | 1 Complete Set (Dilation set I + Optima Percutrach® tracheostomy tube) | **112454** |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87,0 mm | 1 Complete Set (Dilation set I + Optima Percutrach® tracheostomy tube) | **112455** |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93,0 mm | 1 Complete Set (Dilation set I + Optima Percutrach® tracheostomy tube) | **112456** |

**INCLUDING:**

| NECK STRAP | OBTURATOR | LUBRICANT GEL | FUNNEL CONNECTOR |
|---|---|---|---|

# PercuTrach®
## PDT SET Type 1

**Package contents per set:**

### PercuTrach® Dilation set I

- Pre-dilator
- Puncture cannula (14G)
- Dilator (hydrophilic coating)
- Guiding catheter with safety lock
- Guide wire with dispenser
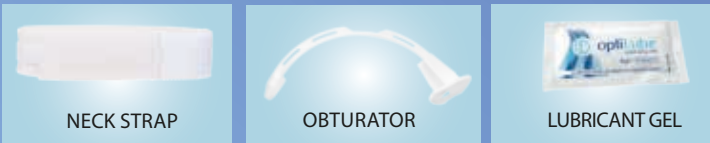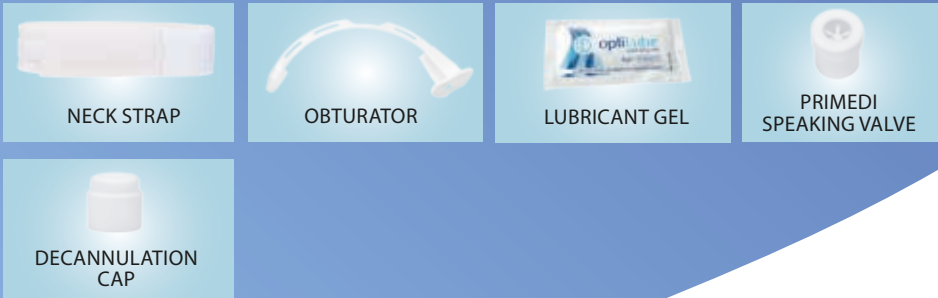- Gauze compresses
- Syringe
- Scalpel

### Optima PercuTrach® Suction Voice

- Sieved outer cannula with low-pressure cuff, subglottic suction function and 15 mm connector
- Atraumatic inserter
- 1 red, fenestrated inner cannula
- 1 white, unfenestrated, radiopaque inner cannula
- Obturator, perforated
- Funnel connector
- Decannulation cap
- Speaking valve
- Neck strap
- Lubricant gel

STERILE EO

SPEAK

CUFF

SUCTION

STERILE EO

## SIZE CHART:

| Size | $ID_{OC}$ | $ID_{IC}$ | OD | Length along centre line (OC) | Length along outer bend (OC) | PU | Article number PDT SET TYPE 1 |
|---|---|---|---|---|---|---|---|
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79,0 mm | 1 Complete Set (Dilation set I + Optima Percutrach® tracheostomy tube) | **112444** |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87,0 mm | 1 Complete Set (Dilation set I + Optima Percutrach® tracheostomy tube) | **112445** |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93,0 mm | 1 Complete Set (Dilation set I + Optima Percutrach® tracheostomy tube) | **112446** |

### INCLUDING:

NECK STRAP

OBTURATOR

LUBRICANT GEL

PRIMEDI SPEAKING VALVE

DECANNULATION CAP

FUNNEL CONNECTOR

# DILATATION TRACHEOSTOMY

## developed by Griggs

The percutaneous dilatation tracheostomy technique according to Griggs is a minimal-invasive treatment. This method implies the tracheal dilation by a tracheal dilating forceps. The closed forceps, featuring a longitudinal duct, is pushed into the trachea via a guide wire. Then the forceps is spread and thus dilates the trachea until the insertion of the required tracheostomy tube is possible.

This technique is a quick and efficient, tissue-conserving dilation procedure and, similar to the Ciaglia method, is characterized by a small skin incision and causing few complications.

The procedure should be performed under bronchoscopic control.

**1** Position patient with hyperextension of neck, cover area around the neck with sterile dressing, disinfect skin
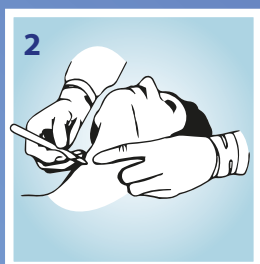
**2** Palpation of neck, sonography (recommended), diaphanoscopy of neck area (obligatory), horizontal incision (1,5-2,0 cm) and blunt preparation up to trachea
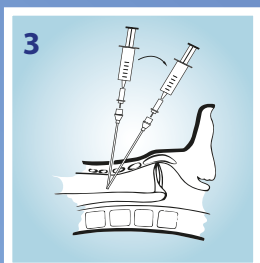
**3** Puncture of trachea
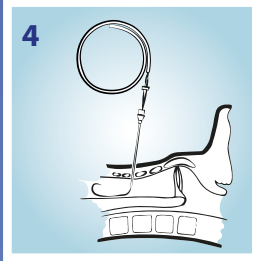
**4** Insertion of guide wire (Seldinger wire)
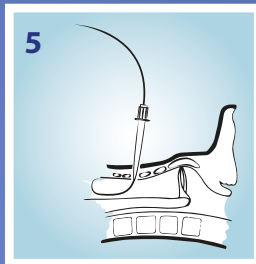
**5** Opening of injection canal by pre-dilator
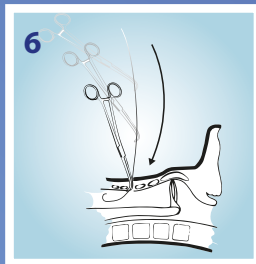
**6** Insert closed tracheal dilating forceps via guide wire and dilate pre-tracheal tissue first.
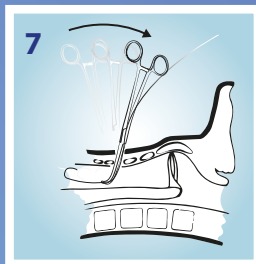
**7** Insert forceps further into trachea and dilate tracheal tissue by spreading.

Remove spread forceps.
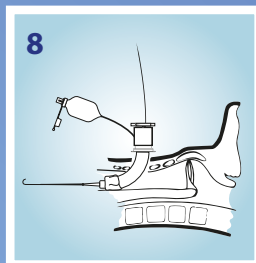
**8** Check the cuff of the tracheostomy tube for leaks. Then introduce the tracheostomy tube with the inserted obturator into the trachea orifice via the guide wire. After positioning, remove the guide wire and obturator together.

**Package contents per set:**

**PercuTrach**®   Dilation set  II

- Tracheal dilating forceps
- Pre-dilator
- Puncture cannula (14G)
- Gauze compresses
- Syringe
- Scalpel
- Guide wire with dispenser

**Optima**   Basic Cuff

- Outer cannula with cuff  and 15 mm universal connector
- 1 transparent,  unfenestrated inner cannula
- 1 white, unfenestrated, radiopaque inner cannula
- Obturator, perforated
- Neck strap

STERILE EO

CUFF

STERILE EO

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length along centre line (OC) | Length along outer bend (OC) | PU | Article number PDT SET TYPE 2 |
|---|---|---|---|---|---|---|---|
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79,0 mm | 1  Complete Set (Dilation set II + Optima  tracheostomy tube) | **112324** |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87,0 mm | 1  Complete Set (Dilation set II + Optima  tracheostomy tube) | **112325** |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93,0 mm | 1  Complete Set (Dilation set II + Optima  tracheostomy tube) | **112326** |

**INCLUDING:**

NECK STRAP

OBTURATOR

# PercuTrach®
## PDT SET Type 2

### Package contents per set:

**PercuTrach®** Dilation set II

- Tracheal dilating forceps
- Pre-dilator
- Puncture cannula (14G)
- Gauze compresses
- Syringe
- Scalpel
- Guide wire with dispenser

**Optima** Voice Cuff

- Sieved outer cannula with cuff and 15 mm universal connector
- 1 red, fenestrated inner cannula
- 1 white, unfenestrated, radiopaque inner cannula
- Obturator, perforated
- Decannulation cap
- Speaking valve
- Neck strap



## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length along centre line (OC) | Length along outer bend (OC) | PU | Article number PDT SET TYPE 2 |
|---|---|---|---|---|---|---|---|
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79,0 mm | 1 Complete Set (Dilation set II + Optima tracheostomy tube) | **112334** |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87,0 mm | 1 Complete Set (Dilation set II + Optima tracheostomy tube) | **112335** |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93,0 mm | 1 Complete Set (Dilation set II + Optima tracheostomy tube) | **112336** |

**INCLUDING:**

NECK STRAP · OBTURATOR · PRIMEDI SPEAKING VALVE · DECANNULATION CAP

**Package contents per set:**

### PercuTrach® Dilation set II

- Tracheal dilating forceps
- Pre-dilator
- Puncture cannula (14G)
- Gauze compresses
- Syringe
- Scalpel
- Guide wire with dispenser

STERILE EO

### Optima Suction

- Outer cannula with cuff, subglottic suction function and 15 mm universal connector
- 1 transparent, unfenestrated inner cannula
- 1 white, unfenestrated, radiopaque inner cannula
- Obturator, perforated
- Funnel connector
- Neck strap

CUFF

SUCTION

STERILE EO

## SIZE CHART:

| Size | $ID_{OC}$ | $ID_{IC}$ | OD | Length along centre line (OC) | Length along outer bend (OC) | PU | Article number PDT SET TYPE 2 |
|---|---|---|---|---|---|---|---|
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79,0 mm | 1 Complete Set (Dilation set II + Optima tracheostomy tube) | **112354** |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87,0 mm | 1 Complete Set (Dilation set II + Optima tracheostomy tube) | **112355** |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93,0 mm | 1 Complete Set (Dilation set II + Optima tracheostomy tube) | **112356** |

**INCLUDING:**

NECK STRAP          OBTURATOR          FUNNEL CONNECTOR

# PercuTrach®
## PDT SET Type 2

### Package contents per set:

**PercuTrach®** Dilation set II

- Tracheal dilating forceps
- Pre-dilator
- Puncture cannula (14G)
- Gauze compresses
- Syringe
- Scalpel
- Guide wire with dispenser

**Optima** Suction Voice

- Sieved outer cannula with cuff, subglottic suction function and 15 mm universal connector
- 1 red, fenestrated inner cannula
- 1 white, unfenestrated, radiopaque inner cannula
- Obturator, perforated
- Funnel connector
- Decannulation cap
- Speaking valve
- Neck strap

STERILE EO

SPEAK
CUFF
SUCTION

STERILE EO

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length along centre line (OC) | Length along outer bend (OC) | PU | Article number PDT SET TYPE 2 |
|------|------|------|------|------|------|------|------|
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79,0 mm | 1 Complete Set (Dilation set II + Optima tracheostomy tube) | **112344** |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87,0 mm | 1 Complete Set (Dilation set II + Optima tracheostomy tube) | **112345** |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93,0 mm | 1 Complete Set (Dilation set II + Optima tracheostomy tube) | **112346** |

### INCLUDING:

NECK STRAP

OBTURATOR

PRIMEDI SPRECHVENTIL

DECANNULATION CAP

FUNNEL CONNECTOR
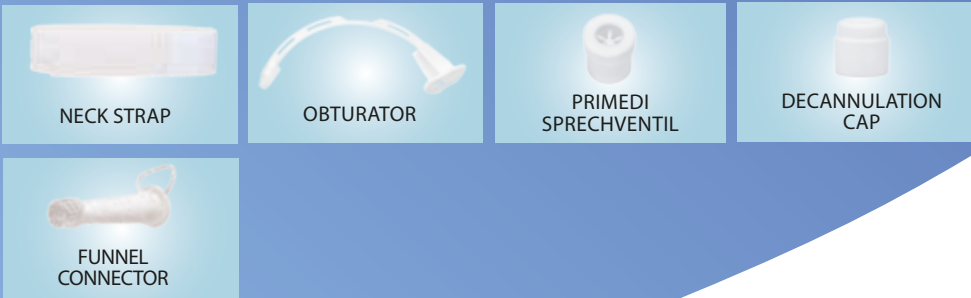
# Sets for percutaneous dilatational tracheostomy without tracheostomy tube

## Dilation set I

- Pre-dilator
- Puncture cannula (14G)
- Dilator (hydrophilic coating)
- Guiding catheter with safety lock
- Guide wire with dispenser
- Gauze compresses
- Syringe
- Scalpe



STERILE EO

## Dilation set II

- Tracheal dilating forceps
- Pre-dilator
- Puncture cannula (14G)
- Gauze compresses
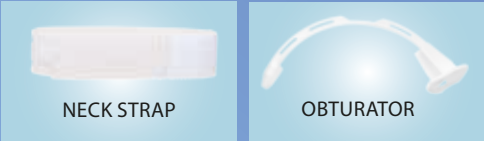- Syringe
- Scalpel
- Guide wire with dispenser



STERILE EO

| | PU | Article number |
|---|---|---|
| Dilation set I | 1 set | **102086** |
| Dilation set II | 1 set | **102087** |

Dilation set II can also be used in conjunction with
Optima Percutrach® tracheostomy tubes

**Guide wire with dispenser**
(Seldinger wire)

- Made of kink-resistant NiTiNOL
- Individually sterile packaged

STERILE EO

| | PU | Article number |
|---|---|---|
| Guide wire with dispenser (Seldinger Wire) | 5 pieces | **102090** |

# TRACHEOSTOMY TUBES

**TRACHEOSTOMY TUBES**

**OPTIMA PercuTrach®** tracheostomy tubes with atraumatic inserters have been specially developed for use during a dilatational tracheostomy.

The thermosensitive material of the outer cannula with a rigid 15 mm universal connector ensures pleasant wearing comfort. The atraumatic inserter is perfectly adapted for this purpose and snaps securely into the outer cannula. Moreover, it features a practical handle which incorporates elevations that prevent slipping.
The tracheostomy tube set is always provided with two inner cannulas which can be inserted and removed without difficulty and are fixed securely in the outer cannula.

**OPTIMA PercuTrach®** tracheostomy tubes always have a thin-walled low-pressure cuff which is filled via a one-way valve and securely seals the cannula against the tracheal wall. This avoids inadvertent inhalation of secretions. The soft cuff adapts superbly to the trachea anatomy and ensures reliable sealing, even where low filling pressure is involved.

**OPTIMA PercuTrach®** tracheostomy tubes are available in sizes 7 – 9 and different designs.

All materials are biocompatible and free of latex and DEHP.

The 15 mm outer cannula connector enables attachment of accessories (HMEs and speaking valves) and serves as a connection for ventilators,- with or without the use of an inner cannula.

# Optima PercuTrach®
## TRACHEOSTOMY TUBES
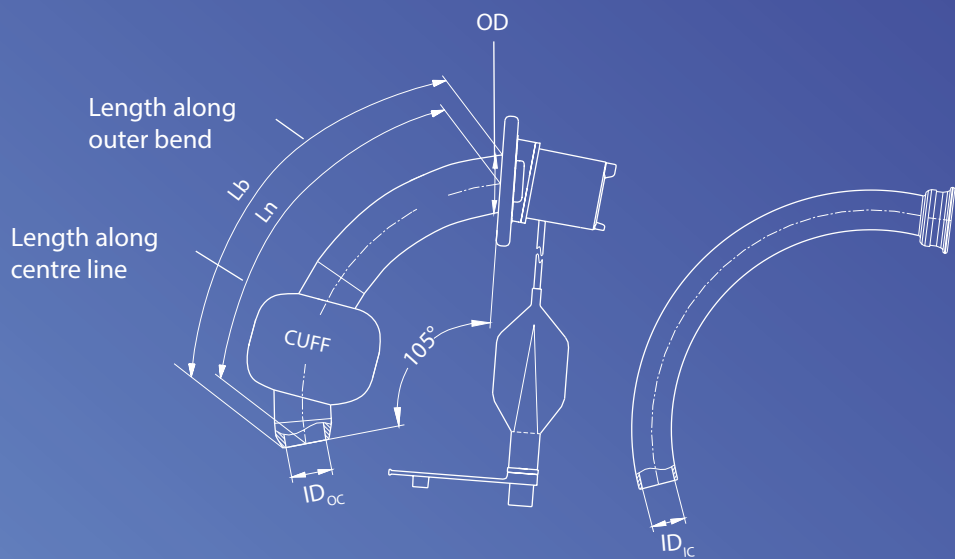


## MEASUREMENTS FOR OPTIMA PERCUTRACH®:

| Size | $ID_{OC}$ | $ID_{IC}$ | OD | Ln<br>Length along<br>centre line (OC) | Lb<br>Length along outer<br>bend (OC) |
|------|-----------|-----------|----|-----------|-----------|
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79,0 mm |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87,0 mm |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93,0 mm |

$ID_{OC}$ = Inside diameter (clear width) at bottom of outer cannula

$ID_{IC}$ = Inside diameter at bottom of inner cannula

OD = Outside diameter of outer cannula behind the flange

IC = Inner cannula

OC = Outer cannula

Ln = Length along centre line of the outer cannula from neck flange to bottom of the tube

Lb = Length along outer bend of the outer cannula from neck flange to bottom of the tube

PU = Packaging unit

# TRACHEOSTOMY TUBES

## Product features

- Outer cannula with 15 mm connector and low-pressure cuff
- With atraumatic inserter which ensures gentle and safe positioning of the tracheostomy tube during dilatational tracheostomy or subsequent tube changing
- With inner cannula system
- 1 transparent inner cannula for improved secretion assessment
- 1 white inner cannula made of radiopaque material for position control
- Material: PVC, latex-free, DEHP-free

CUFF

STERILE EO

## OPTIMA PERCUTRACH®
## BASIC CUFF

## Indication

- Dilatation tracheostomy
- Tracheostomy/ Laryngectomy
- Aspiration
- Ventilation

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|-----------|-----------|--------|---------|---------|-------|----------------|
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79,0 mm | 1 set | **102424** |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87,0 mm | 1 set | **102425** |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93,0 mm | 1 set | **102426** |

### INCLUDING:

NECK STRAP

OBTURATOR

LUBRICANT GEL

**OPTIONAL** ACCESSORIES

# TRACHEOSTOMY TUBES

## Product features

- Sieved outer cannula with 15 mm connector and low-pressure cuff
- With atraumatic inserter which ensures gentle and safe positioning of the tracheostomy tube during dilatational tracheostomy or subsequent tube changing
- With inner cannula system
- 1 red, fenestrated inner cannula enables phonation in conjunction with a speaking valve
- 1 white inner cannula made of radiopaque material for position control
- Material: PVC, latex-free, DEHP-free

## Indication

- Dilatation tracheostomy
- Tracheostomy
- Phonation
- Ventilation

SPEAK

CUFF

STERILE EO

## OPTIMA PERCUTRACH® VOICE CUFF

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|---|---|---|---|---|---|---|---|
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79,0 mm | 1 set | **102434** |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87,0 mm | 1 set | **102435** |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93,0 mm | 1 set | **102436** |

## INCLUDING:

| NECK STRAP | OBTURATOR | LUBRICANT GEL | PRIMEDI SPEAKING VALVE | DECANNULATION CAP |
|---|---|---|---|---|

**OPTIONAL** ACCESSORIES

# TRACHEOSTOMY TUBES

## Product features

- Outer cannula with 15 mm connector, low-pressure cuff and subglottic suction function (features an integrated suction line for sub-glottic secretion suctioning on demand)
- With atraumatic inserter which ensures gentle and safe positioning of the tracheostomy tube during dilatational tracheostomy or subsequent tube changing
- With inner cannula system
- 1 transparent inner cannula for improved secretion assessment
- 1 white inner cannula made of radiopaque material for position control
- Material: PVC, latex-free, DEHP-free

## Indication

- Dilatation tracheostomy
- Tracheostomy/ Laryngectomy
- Aspiration
- Ventilation

CUFF

SUCTION

STERILE EO

## OPTIMA PERCUTRACH®
## SUCTION

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|---|---|---|---|---|---|---|---|
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79,0 mm | 1 set | **102454** |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87,0 mm | 1 set | **102455** |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93,0 mm | 1 set | **102456** |

INCLUDING:

NECK STRAP          OBTURATOR          LUBRICANT GEL          FUNNEL CONNECTOR

**OPTIONAL** ACCESSORIES

# TRACHEOSTOMY TUBES

## Product features

- Sieved outer cannula with 15 mm connector, low-pressure cuff and subglottic suction function (features an integrated suction line for subglottic secretion suctioning on demand)
- With atraumatic inserter which ensures gentle and safe positioning of the tracheostomy tube during dilatational tracheostomy or subsequent tube changing
- With inner cannula system
- 1 red, fenestrated inner cannula enables phonation in conjunction with a speaking valve
- 1 white inner cannula made of radiopaque material for position control
- Material: PVC, latex-free, DEHP-free

## Indication

- Dilatation tracheostomy
- Tracheostomy
- Phonation
- Ventilation

SPEAK
CUFF
SUCTION

STERILE EO

## OPTIMA PERCUTRACH®
## SUCTION VOICE

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|---|---|---|---|---|---|---|---|
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79,0 mm | 1 set | **102444** |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87,0 mm | 1 set | **102445** |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93,0 mm | 1 set | **102446** |

### INCLUDING:

NECK STRAP

OBTURATOR

LUBRICANT GEL

PRIMEDI SPEAKING VALVE

DECANNULATION CAP

FUNNEL CONNECTOR

**OPTIONAL** ACCESSORIES

# Optima
## TRACHEOSTOMY TUBES

# Optima
## TRACHEOSTOMY TUBES

All types of **OPTIMA®** tracheostomy tubes are characterized by a transparent outer cannula with a firmly attached universal 15 mm ISO connector and flexible thermosensitive material properties which ensure good wear properties.

The tubes are lightweight and the inserting and removing of the inner cannula is simple. The inner cannula can be fitted into the 15 mm connector of the outer cannula and is easy to grip via lateral grooves.

The soft flange has lateral eyelets for fixing the inserted tube with a neck strap.

The **OPTIMA®** series comprises a complete range of tracheostomy tubes for tracheostomized patients. They are available in five adult sizes 6-10, as uncuffed or cuffed types, with and without phonation or subglottic suction function.

All materials are biocompatible, latex-free and DEHP-free.

With or without inner cannula in place, the built-in 15 mm ISO connector of the outer cannula allows the attachment of accessories (heat and moisture exchangers (HMEs) and speaking valves) and can also be used for attaching ventilators (in case of cuffed tubes).

# Optima
## TRACHEOSTOMY TUBES
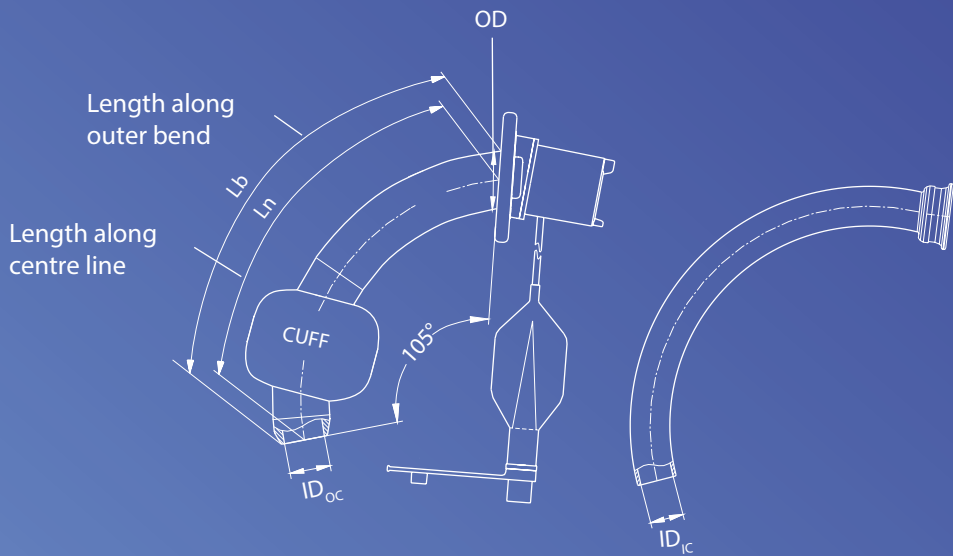


## MEASUREMENTS FOR OPTIMA:

| Size | $ID_{OC}$ | $ID_{IC}$ | OD | Ln Length along centre line (OC) | Lb Length along outer bend (OC) |
|------|-----------|-----------|------|-------------------------------|-------------------------------|
| 6 | 6,0 mm | 4,4 mm | 9,2 mm | 64,5 mm | 73,0 mm |
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79,0 mm |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87,0 mm |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93,0 mm |
| 10 | 10,0 mm | 8,4 mm | 13,6 mm | 87,5 mm | 100,0 mm |

$ID_{OC}$ = Inside diameter (clear width) at bottom of outer cannula

$ID_{IC}$ = Inside diameter at bottom of inner cannula

OD   = Outside diameter of outer cannula behind the flange

IC    = Inner cannula

OC   = Outer cannula

Ln   = Length along centre line of the outer cannula from neck flange to bottom of the tube

Lb   = Length along outer bend of the outer cannula from neck flange to bottom of the tube

PU   = Packaging unit

# Optima
## TRACHEOSTOMY TUBES

### Product features

- Outer cannula with 15 mm connector
- With inner cannula system
- 1 transparent inner cannula for improved secretion assessment
- 1 white inner cannula made of radiopaque material for position control
- Material: PVC, latex-free, DEHP-free

### Indication

- Tracheostomy/ Laryngectomy
- Radiation/ MRI

**OPTIMA  BASIC**

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|------|------|------|------|------|------|------|
| 6 | 6,0 mm | 4,4 mm | 9,2 mm | 64,5 mm | 73 mm | 1 set | **102013** |
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79 mm | 1 set | **102014** |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87 mm | 1 set | **102015** |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93 mm | 1 set | **102016** |
| 10 | 10,0 mm | 8,4 mm | 13,6 mm | 87,5 mm | 100 mm | 1 set | **102017** |

### INCLUDING:
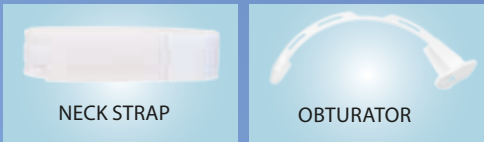
NECK STRAP

OBTURATOR

**OPTIONAL** ACCESSORIES

## Optima
# TRACHEOSTOMY TUBES

### Product features
- Sieved outer cannula with 15 mm connector
- With inner cannula system
- 1 red, fenestrated inner cannula enables phonation in conjunction with a speaking valve
- 1 white inner cannula made of radiopaque material for position control
- Material: PVC, latex-free, DEHP-free

### Indication
- Tracheostomy
- Phonation
- Radiation/ MRI

SPEAK

## OPTIMA VOICE

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|---|---|---|---|---|---|---|---|
| 6 | 6,0 mm | 4,4 mm | 9,2 mm | 64,5 mm | 73 mm | 1 set | **102033** |
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79 mm | 1 set | **102034** |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87 mm | 1 set | **102035** |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93 mm | 1 set | **102036** |
| 10 | 10,0 mm | 8,4 mm | 13,6 mm | 87,5 mm | 100 mm | 1 set | **102037** |

### INCLUDING:

| NECK STRAP | OBTURATOR | PRIMEDI SPEAKING VALVE | DECANNULATION CAP |
|---|---|---|---|

**OPTIONAL** ACCESSORIES

# TRACHEOSTOMY TUBES

## Product features

- Outer cannula with 15 mm connector and low-pressure cuff
- With inner cannula system
- 1 transparent inner cannula for improved secretion assessment
- 1 white inner cannula made of radiopaque material for position control
- Material: PVC, latex-free, DEHP-free

## Indication

- Tracheostomy/ Laryngectomy
- Aspiration
- Ventilation

CUFF

STERILE EO

## OPTIMA  BASIC CUFF

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|------|------|------|------|------|------|------|
| 6 | 6,0 mm | 4,4 mm | 9,2 mm | 64,5 mm | 73 mm | 1 set | **102023** |
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79 mm | 1 set | **102024** |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87 mm | 1 set | **102025** |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93 mm | 1 set | **102026** |
| 10 | 10,0 mm | 8,4 mm | 13,6 mm | 87,5 mm | 100 mm | 1 set | **102027** |

## INCLUDING:

NECK STRAP

OBTURATOR

**OPTIONAL** ACCESSORIES

# Optima
# TRACHEOSTOMY TUBES

## Product features

- Sieved outer cannula with 15 mm connector and low-pressure cuff
- With inner cannula system
- 1 red, fenestrated inner cannula enables phonation in conjunction with a speaking valve
- 1 white inner cannula made of radiopaque material for position control
- Material: PVC, latex-free, DEHP-free

## Indication

- Tracheostomy
- Phonation
- Ventilation

SPEAK

CUFF

STERILE EO

## OPTIMA VOICE CUFF

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length | | PU | Article number |
|------|------|------|------|------|------|------|------|
| | | | | Ln | Lb | | |
| 6 | 6,0 mm | 4,4 mm | 9,2 mm | 64,5 mm | 73 mm | 1 set | **102043** |
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79 mm | 1 set | **102044** |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87 mm | 1 set | **102045** |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93 mm | 1 set | **102046** |
| 10 | 10,0 mm | 8,4 mm | 13,6 mm | 87,5 mm | 100 mm | 1 set | **102047** |

## INCLUDING:

NECK STRAP

OBTURATOR

PRIMEDI SPEAKING VALVE

DECANNULATION CAP

**OPTIONAL** ACCESSORIES

# Optima
## TRACHEOSTOMY TUBES

### Product features

- Outer cannula with 15 mm connector, low-pressure cuff and subglottic suction function (features an integrated suction line for sub-glottic secretion suctioning on demand)
- With inner cannula system
- 1 transparent inner cannula for improved secretion assessment
- 1 white inner cannula made of radiopaque material for position control
- Material: PVC, latex-free, DEHP-free

### Indication

- Tracheostomy/ Laryngectomy
- Aspiration
- Ventilation

CUFF

SUCTION

STERILE EO

## OPTIMA SUCTION

### SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|-----------|-----------|-----|-----------|------|------|----------------|
| 6 | 6,0 mm | 4,4 mm | 9,2 mm | 64,5 mm | 73 mm | 1 set | **102053** |
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79 mm | 1 set | **102054** |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87 mm | 1 set | **102055** |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93 mm | 1 set | **102056** |
| 10 | 10,0 mm | 8,4 mm | 13,6 mm | 87,5 mm | 100 mm | 1 set | **102057** |

### INCLUDING:

NECK STRAP

OBTURATOR

FUNNEL CONNECTOR

**OPTIONAL** ACCESSORIES

## Optima
# TRACHEOSTOMY TUBES

### Product features
- Sieved outer cannula with 15 mm connector, low-pressure cuff and subglottic suction function (features an integrated suction line for subglottic secretion suctioning on demand)
- With inner cannula system
- 1 red, fenestrated inner cannula enables phonation in conjunction with a speaking valve
- 1 white inner cannula made of radiopaque material for position control
- Material: PVC, latex-free, DEHP-free

### Indication
- Tracheostomy
- Phonation
- Ventilation

SPEAK
CUFF
SUCTION

STERILE EO
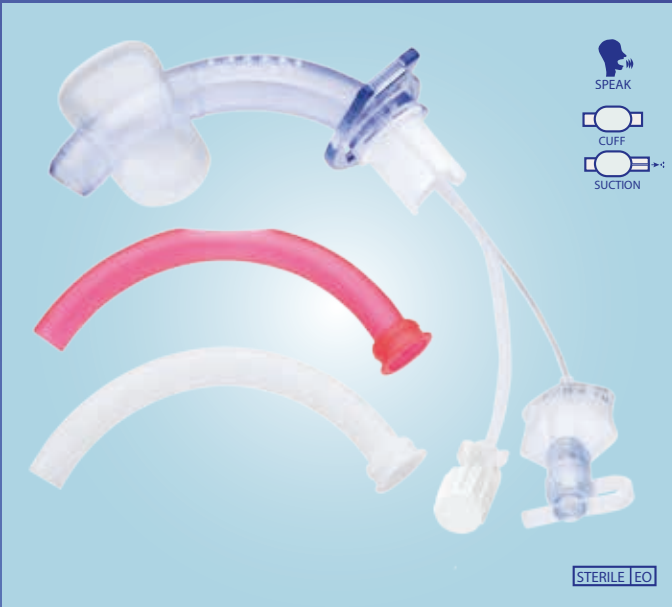
## OPTIMA SUCTION VOICE

### SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|------|------|------|------|------|------|------|
| 6 | 6,0 mm | 4,4 mm | 9,2 mm | 64,5 mm | 73 mm | 1 set | **102063** |
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79 mm | 1 set | **102064** |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87 mm | 1 set | **102065** |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93 mm | 1 set | **102066** |
| 10 | 10,0 mm | 8,4 mm | 13,6 mm | 87,5 mm | 100 mm | 1 set | **102067** |

### INCLUDING:

NECK STRAP

OBTURATOR

PRIMEDI SPEAKING VALVE

DECANNULATION CAP

FUNNEL CONNECTOR

**OPTIONAL** ACCESSORIES

Optima

# REPLACEMENT INNER CANNULAS

**(A)**

Inner cannula A is unfenestrated and transparent for improved secretion assessment

STERILE EO

**(B)**

Inner cannula B is red, fenestrated and enables phonation in conjunction with a speaking valve which is connected to the 15 mm connector of the outer cannula

SPEAK

STERILE EO

Inner cannula C is unfenestrated, white and radiopaque.

**(C)**

STERILE EO

## SIZE CHART:

| | | REPLACEMENT INNER CANNULAS | | |
|---|---|---|---|---|
| | | Transparent (A) | Red, fenestrated (B) | White, radiopaque (C) |
| Size | PU | Article number | Article number | Article number |
| 6 | 5/Box | 102018 | 102028 | 102038 |
| 7 | 5/Box | 102019 | 102029 | 102039 |
| 8 | 5/Box | 102020 | 102030 | 102040 |
| 9 | 5/Box | 102021 | 102031 | 102041 |
| 10 | 5/Box | 102022 | 102032 | 102042 |

# Ultrasoft
## TRACHEOSTOMY TUBES

# Ultrasoft
## TRACHEOSTOMY TUBES

**ULTRASOFT** tracheostomy tubes are distinguished by particularly soft and flexible material. This applies both to the outer cannula and the inner cannulas. This guarantees wearing properties which ensure maximum wearing comfort.

Its multidimensional movable neck flange enables adaptation of the **ULTRASOFT** tracheostomy tube to the individual anatomical conditions of every patient. The head remains freely movable without exerting pressure on the trachea.
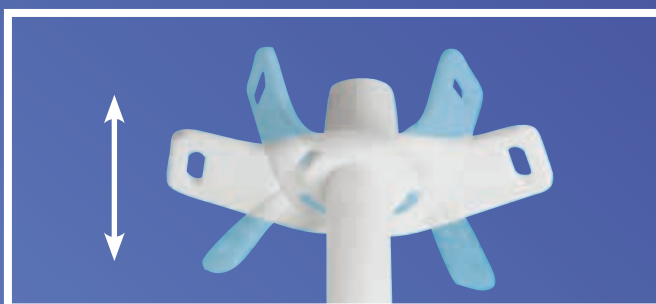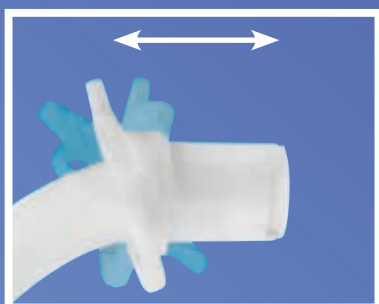
Variants with a cuff are equipped with an extremely thin-walled cylindrical low-pressure polyurethane (PU) cuff which adapts ideally to the trachea. This cuff is functionally superior to conventional PVC balloons and minimises microaspiration to the greatest possible extent.

All materials are biocompatible, latex-free and DEHP-free.

The **ULTRASOFT** series comprises a complete range of tracheostomy tubes for tracheostomized patients. They are available in five adult sizes 6-10, as uncuffed or cuffed types, with and without phonation or subglottic suction function.

All types of **ULTRASOFT** tracheostomy tubes are characterized by a white outer cannula with a firmly attached universal 15 mm connector. With or without inner cannula in place, this connector allows the attachment of accessories (heat and moisture exchangers (HME) and speaking valves) and can also be used to attach ventilators (in case of cuffed tubes).

Handling is easy and safe. The inner cannula can be inserted in the outer cannula and fitted into the 15 mm connector. The lateral grooves make it easy to grip and remove the inner cannula.

The lateral eyelets enable the fixing of the inserted tube with a neck strap.

# Ultrasoft
## TRACHEOSTOMY TUBES

Length along outer bend

Length along centre line

OD

$Lb$

$Ln$

CUFF

105°
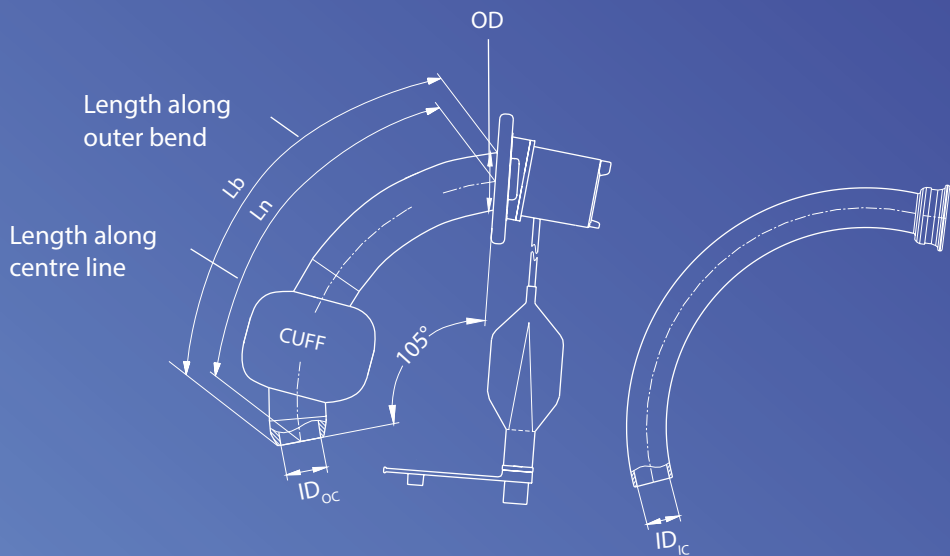
$ID_{OC}$

$ID_{IC}$

## MEASUREMENTS FOR ULTRASOFT:

| Size | $ID_{OC}$ | $ID_{IC}$ | OD | Ln Length along centre line (OC) | Lb Length along outer bend (OC) |
|------|-----------|-----------|------|-----------------------------------|----------------------------------|
| 6 | 6,0 mm | 4,4 mm | 9,2 mm | 64,5 mm | 73,0 mm |
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79,0 mm |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87,0 mm |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93,0 mm |
| 10 | 10,0 mm | 8,4 mm | 13,6 mm | 87,5 mm | 100,0 mm |

$ID_{OC}$ = Inside diameter (clear width) at bottom of outer cannula

$ID_{IC}$ = Inside diameter at bottom of inner cannula

OD   = Outside diameter of outer cannula behind the flange

IC    = Inner cannula

OC   = Outer cannula

Ln    = Length along centre line of the outer cannula from neck flange to bottom of the tube

Lb    = Length along outer bend of the outer cannula from neck flange to bottom of the tube

PU   = Packaging unit

# Ultrasoft
## TRACHEOSTOMY TUBES

### Product features

- Outer cannula with 15 mm connector
- High wearing comfort due to especially soft material of both outer and inner cannula
- With inner cannula system
- 1 transparent inner cannula for improved secretion assessment
- 1 white inner cannula made of radiopaque material for position control
- Material: PVC, latex-free, DEHP-free
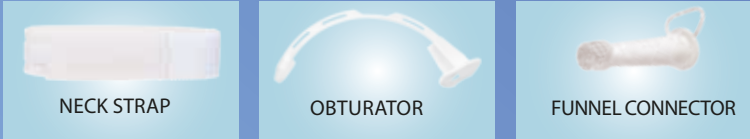
### Indication

- Tracheostomy/ Laryngectomy
- Radiation/ MRI

**ULTRASOFT  BASIC**

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|-----------|-----------|--------|---------|--------|-------|----------------|
| 6 | 6,0 mm | 4,4 mm | 9,2 mm | 64,5 mm | 73 mm | 1 set | **103013** |
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79 mm | 1 set | **103014** |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87 mm | 1 set | **103015** |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93 mm | 1 set | **103016** |
| 10 | 10,0 mm | 8,4 mm | 13,6 mm | 87,5 mm | 100 mm | 1 set | **103017** |

### INCLUDING:

NECK STRAP

OBTURATOR

**OPTIONAL**
ACCESSORIES

# Ultrasoft
## TRACHEOSTOMY TUBES

### Product features

- Sieved outer cannula with 15 mm connector
- High wearing comfort due to especially soft material of both outer and inner cannula
- With inner cannula system
- 1 red, fenestrated inner cannula enables phonation in conjunction with a speaking valve
- 1 white inner cannula made of radiopaque material for position control
- Material: PVC, latex-free, DEHP-free

### Indication

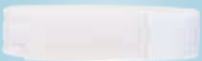- Tracheostomy
- Phonation
- Radiation/ MRI

SPEAK

**ULTRASOFT VOICE**

### SIZE CHART:

| Size | $ID_{OC}$ | $ID_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|------|------|------|------|------|------|------|
| 6 | 6,0 mm | 4,4 mm | 9,2 mm | 64,5 mm | 73 mm | 1 set | **103033** |
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79 mm | 1 set | **103034** |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87 mm | 1 set | **103035** |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93 mm | 1 set | **103036** |
| 10 | 10,0 mm | 8,4 mm | 13,6 mm | 87,5 mm | 100 mm | 1 set | **103037** |

### INCLUDING:

| NECK STRAP | OBTURATOR | PRIMEDI SPEAKING VALVE | DECANNULATION CAP |
|---|---|---|---|

**OPTIONAL** ACCESSORIES

# Ultrasoft
## TRACHEOSTOMY TUBES

### Product features

- Outer cannula with 15 mm connector and particularly thin-walled Polyurethan (PU) low-pressure cuff
- High wearing comfort due to especially soft material of both outer and inner cannula
- With inner cannula system
- 1 transparent inner cannula for improved secretion assessment
- 1 white inner cannula made of radiopaque material for position control
- Material: PVC, PU, latex-free, DEHP-free

### Indication

- Tracheostomy/ Laryngectomy
- Aspiration
- Ventilation

CUFF

STERILE | EO

**ULTRASOFT  BASIC  CUFF**

### SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|-----------|-----------|----|-----------|----|----|----------------|
| 6 | 6,0 mm | 4,4 mm | 9,2 mm | 64,5 mm | 73 mm | 1 set | **103023** |
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79 mm | 1 set | **103024** |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87 mm | 1 set | **103025** |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93 mm | 1 set | **103026** |
| 10 | 10,0 mm | 8,4 mm | 13,6 mm | 87,5 mm | 100 mm | 1 set | **103027** |

### INCLUDING:
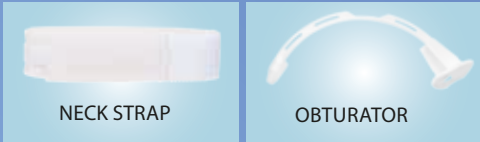
NECK STRAP

OBTURATOR

**OPTIONAL** ACCESSORIES

# Ultrasoft
## TRACHEOSTOMY TUBES

### Product features

- Sieved outer cannula with 15 mm connector and particularly thin-walled Polyurethan (PU) low-pressure cuff
- High wearing comfort due to especially soft material of both outer and inner cannula
- With inner cannula system
- 1 red, fenestrated inner cannula enables phonation in conjunction with a speaking valve
- 1 white inner cannula made of radiopaque material for position control
- Material: PVC, PU, latex-free, DEHP-free

### Indication

- Tracheostomy
- Phonation
- Ventilation

SPEAK

CUFF

STERILE EO

## ULTRASOFT VOICE CUFF

### SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|-----------|-----------|--------|-----------|---------|--------|----------------|
| 6 | 6,0 mm | 4,4 mm | 9,2 mm | 64,5 mm | 73 mm | 1 set | **103043** |
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79 mm | 1 set | **103044** |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87 mm | 1 set | **103045** |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93 mm | 1 set | **103046** |
| 10 | 10,0 mm | 8,4 mm | 13,6 mm | 87,5 mm | 100 mm | 1 set | **103047** |

### INCLUDING:

| NECK STRAP | OBTURATOR | PRIMEDI SPEAKING VALVE | DECANNULATION CAP |
|------------|-----------|------------------------|-------------------|

**OPTIONAL** ACCESSORIES

# Ultrasoft
## TRACHEOSTOMY TUBES

### Product features

- Outer cannula with 15 mm connector, particularly thin-walled Polyurethan (PU) low-pressure cuff and subglottic suction function (features an integrated suction line for subglottic secretion suctioning on demand)
- High wearing comfort due to especially soft material of both outer and inner cannula
- With inner cannula system
- 1 transparent inner cannula for improved secretion assessment
- 1 white inner cannula made of radiopaque material for position control
- Material: PVC, PU, latex-free, DEHP-free

### Indication

- Tracheostomy/ Laryngectomy
- Aspiration
- Ventilation

**CUFF**

**SUCTION**

STERILE EO

## ULTRASOFT SUCTION

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length | | PU | Article number |
|------|-----------|-----------|------|--------|------|------|----------------|
| | | | | Ln | Lb | | |
| 6 | 6,0 mm | 4,4 mm | 9,2 mm | 64,5 mm | 73 mm | 1 set | **103053** |
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79 mm | 1 set | **103054** |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87 mm | 1 set | **103055** |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93 mm | 1 set | **103056** |
| 10 | 10,0 mm | 8,4 mm | 13,6 mm | 87,5 mm | 100 mm | 1 set | **103057** |

### INCLUDING:
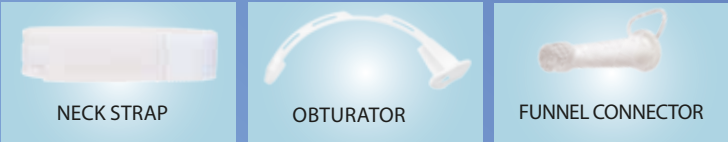
NECK STRAP

OBTURATOR

FUNNEL CONNECTOR

**OPTIONAL** ACCESSORIES

## Ultrasoft
# TRACHEOSTOMY TUBES

### Product features

- Sieved outer cannula with 15 mm connector, particularly thin-walled Polyurethan (PU) low-pressure cuff and subglottic suction function (features an integrated suction line for subglottic secretion suctioning on demand)
- High wearing comfort due to especially soft material of both outer and inner cannula
- With inner cannula system
- 1 red, fenestrated inner cannula enables phonation in conjunction with a speaking valve
- 1 white inner cannula made of radiopaque material for position control
- Material: PVC, PU, latex-free, DEHP-free

### Indication

- Tracheostomy
- Phonation
- Ventilation

SPEAK
CUFF
SUCTION

STERILE EO

**ULTRASOFT SUCTION VOICE**

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|------|------|------|------|------|------|------|
| 6 | 6,0 mm | 4,4 mm | 9,2 mm | 64,5 mm | 73 mm | 1 set | **103063** |
| 7 | 7,0 mm | 5,4 mm | 10,5 mm | 70,0 mm | 79 mm | 1 set | **103064** |
| 8 | 8,0 mm | 6,4 mm | 11,6 mm | 75,5 mm | 87 mm | 1 set | **103065** |
| 9 | 9,0 mm | 7,4 mm | 12,6 mm | 81,0 mm | 93 mm | 1 set | **103066** |
| 10 | 10,0 mm | 8,4 mm | 13,6 mm | 87,5 mm | 100 mm | 1 set | **103067** |

### INCLUDING:

NECK STRAP

OBTURATOR

PRIMEDI SPEAKING VALVE

DECANNULATION CAP

FUNNEL CONNECTOR

**OPTIONAL** ACCESSORIES

# Ultrasoft

## REPLACEMENT INNER CANNULAS

**(A)**

Inner cannula A is unfenestrated and transparent for improved secretion assessment

STERILE EO

**(B)**

Inner cannula B is red, fenestrated and enables phonation in conjunction with a speaking valve which is connected to the 15 mm connector of the outer cannula

SPEAK

STERILE EO

Inner cannula C is unfenestrated, white and radiopaque.

**(C)**

STERILE EO

## SIZE CHART:

| | | REPLACEMENT INNER CANNULAS | | |
|---|---|---|---|---|
| | | Transparent (A) | Red, fenestrated (B) | White, radiopaque (C) |
| Size | PU | Article number | Article number | Article number |
| 6 | 5 / Box | **102018** | **102028** | **102038** |
| 7 | 5 / Box | **102019** | **102029** | **102039** |
| 8 | 5 / Box | **102020** | **102030** | **102040** |
| 9 | 5 / Box | **102021** | **102031** | **102041** |
| 10 | 5 / Box | **102022** | **102032** | **102042** |

# Priflex®
## TRACHEOSTOMY TUBES

**PRIFLEX®** tracheostomy tubes are spiral-reinforced cannulas that combine a highly stable shape with soft and flexible material properties.

The flexible **PRIFLEX®** tracheostomy tubes feature an individually adjustable neck flange with soft and flexible wings which ensures accurate placement of the cannula. A scale on the tracheostomy tube facilitates the exact positioning.

**PRIFLEX®** tracheostomy tubes feature a firm 15 mm universal connector which enables the attachment of accessories (HME and speaking valves) as well as mechanical ventilators.

The metal spiral in the wall of the soft tube ensures that the tube retains its shape and it prevents kinking. Even the **PRIFLEX®** tracheostomy tubes with speech function have a continuous spiral reinforcement, in which a phonation sieving is imbedded.

Sieving in continious reinforcement
(PRIFLEX® tracheostomy tube)

**PRIFLEX®** tracheostomy tubes are high-quality sterile products made of latex-free medical-grade materials.
These tracheostomy tubes are appropriate for insertion especially in ventilated patients, adipose patients and in case of postoperative oedema as well as a sunken tracheostoma.

# Priflex®
# TRACHEOSTOMY TUBES

L
(Length along centre line)

80-110°

ID
OD
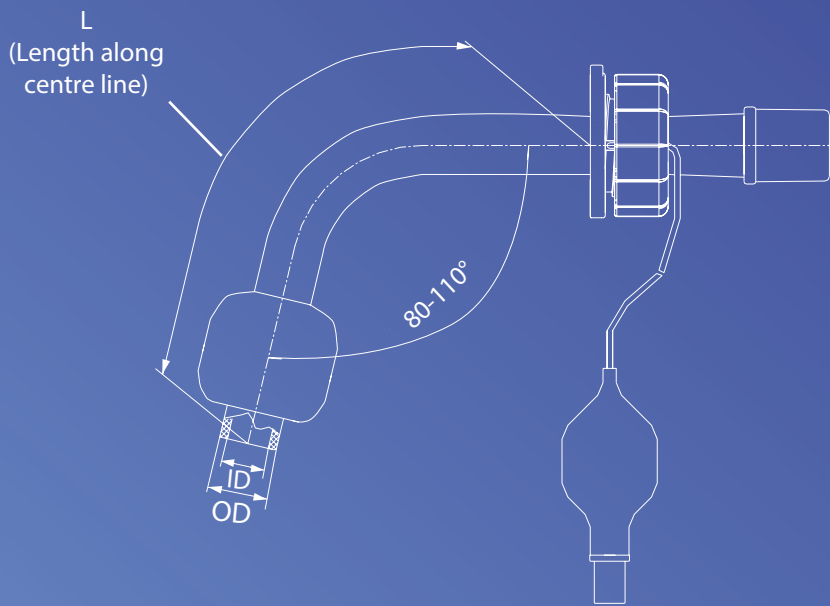
## MEASUREMENTS FOR PRIFLEX®:
for the types
**PRIFLEX® without Cuff, PRIFLEX® with Cuff** and **PRIFLEX® Suction**

| Size | ID | OD | L Lenght along centre line adjustable to |
|---|---|---|---|
| 6 | 6,0 mm | 9,4 mm | 69,0 mm |
| 7 | 7,0 mm | 10,4 mm | 69,0 mm |
| 8 | 8,0 mm | 11,4 mm | 96,0 mm |
| 9 | 9,0 mm | 12,4 mm | 122,0 mm |
| 10 | 10,0 mm | 13,4 mm | 122,0 mm |
| 11 | 11,0 mm | 14,4 mm | 123,0 mm |

ID = Inside diameter at the bottom of the tube

OD = Outside diameter at the bottom of the tube

L = Length along centre line of the tube from neck flange to bottom of the tube

PU = Packaging unit

# Priflex®
## TRACHEOSTOMY TUBES

L
(Length along
centre line)

ID
OD
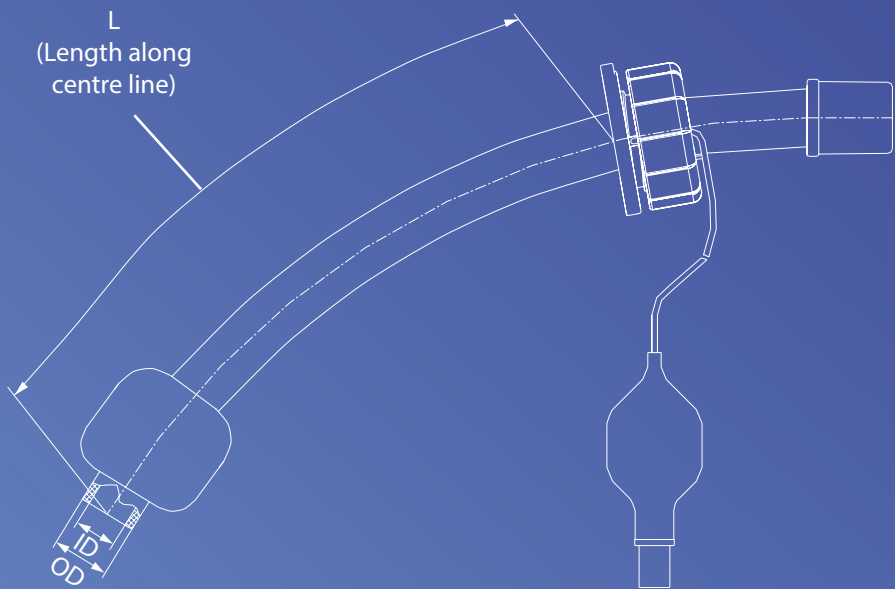
## MEASUREMENTS FOR PRIFLEX® XL:

| Size | ID | OD | L<br>Lenght along centre line<br>adjustable to |
|------|------|------|------|
| 7 | 7,0 mm | 10,4 mm | 155,0 mm |
| 8 | 8,0 mm | 11,4 mm | 155,0 mm |
| 9 | 9,0 mm | 12,4 mm | 155,0 mm |
| 10 | 10,0 mm | 13,4 mm | 155,0 mm |
| 11 | 11,0 mm | 14,4 mm | 155,0 mm |

ID   = Inside diameter at the bottom of the tube

OD  = Outside diameter at the bottom of the tube

L    = Length along centre line of the tube from neck flange to bottom of the tube

PU   = Packaging unit

Priflex®
# TRACHEOSTOMY TUBES

## Product features
- Spiral-reinforced tracheostomy tube with 15 mm connector and individually adjustable neck flange
- Versions with speaking option feature a special kink-resistant sieving within a continuous spiral-reinforcement
- Material: PVC, metal spiral, latex-free, DEHP-free

STERILE EO

**WITHOUT CUFF**

## Indication
- Tracheostomy/ Laryngectomy
- Obesity/ Oedema

SPEAK

STERILE EO

**WITHOUT CUFF/ WITH SIEVING**

## SIZE CHART:

| Size | ID | OD | Length (adjustable to) | PU | WITHOUT CUFF Article number | WITHOUT CUFF/ WITH SIEVING Article number |
|------|------|--------|------------|-------|--------|--------|
| 6 | 6,0 mm | 9,4 mm | 69 mm | 1 set | **200802** | 200803 |
| 7 | 7,0 mm | 10,4 mm | 69 mm | 1 set | **200804** | 200809 |
| 8 | 8,0 mm | 11,4 mm | 96 mm | 1 set | **200805** | 200810 |
| 9 | 9,0 mm | 12,4 mm | 122 mm | 1 set | **200806** | 200811 |
| 10 | 10,0 mm | 13,4 mm | 122 mm | 1 set | **200807** | 200812 |
| 11 | 11,0 mm | 14,4 mm | 123 mm | 1 set | **200808** | 200813 |

### INCLUDING:

NECK STRAP
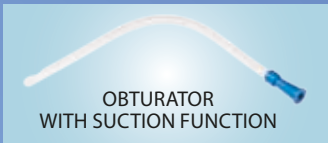
OBTURATOR WITH SUCTION FUNCTION

**OPTIONAL** ACCESSORIES

# Priflex®
# TRACHEOSTOMY TUBES

## Product features

- Spiral-reinforced tracheostomy tube with 15 mm connector, low-pressure cuff and individually adjustable neck flange
- Versions with speaking option feature a special kink-resistant sieving within a continuous spiral-reinforcement
- Material: PVC, metal spiral, latex-free, DEHP-free

## Indication

- Tracheostomy/ Laryngectomy
- Ventilation
- Obesity/ Oedema



**WITH CUFF**



**WITH CUFF/ WITH SIEVING**

## SIZE CHART:

| Size | ID | OD | Length (adjustable to) | PU | WITHOUT CUFF Article number | WITHOUT CUFF/ WITH SIEVING Article number |
|------|------|------|------|------|------|------|
| 6 | 6,0 mm | 9,4 mm | 69 mm | 1 set | 200824 | 200825 |
| 7 | 7,0 mm | 10,4 mm | 69 mm | 1 set | 200814 | 200819 |
| 8 | 8,0 mm | 11,4 mm | 96 mm | 1 set | 200815 | 200820 |
| 9 | 9,0 mm | 12,4 mm | 122 mm | 1 set | 200816 | 200821 |
| 10 | 10,0 mm | 13,4 mm | 122 mm | 1 set | 200817 | 200822 |
| 11 | 11,0 mm | 14,4 mm | 123 mm | 1 set | 200818 | 200823 |

### INCLUDING:



NECK STRAP
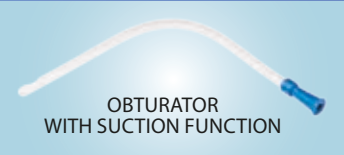
OBTURATOR WITH SUCTION FUNCTION

**OPTIONAL** ACCESSORIES

# Priflex®
## TRACHEOSTOMY TUBES

### Product features

- Spiral-reinforced tracheostomy tube with 15 mm connector, low-pressure cuff, individually adjustable neck flange and subglottic suction function (features an integrated suction line for subglottic secretion suctioning on demand)
- Material: PVC, metal spiral, latex-free, DEHP-free

### Indication

- Tracheostomy/ Laryngectomy
- Aspiration
- Ventilation
- Obesity/ Oedema



CUFF

SUCTION

STERILE EO

## PRIFLEX® SUCTION

## SIZE CHART:

| Size | ID | OD | Length (adjustable to) | PU | Article number |
|------|------|--------|------------------------|-------|----------------|
| 6 | 6,0 mm | 9,4 mm | 69 mm | 1 set | **203713** |
| 7 | 7,0 mm | 10,4 mm | 69 mm | 1 set | **203714** |
| 8 | 8,0 mm | 11,4 mm | 96 mm | 1 set | **203715** |
| 9 | 9,0 mm | 12,4 mm | 122 mm | 1 set | **203716** |
| 10 | 10,0 mm | 13,4 mm | 122 mm | 1 set | **203717** |
| 11 | 11,0 mm | 14,4 mm | 123 mm | 1 set | **203718** |

### INCLUDING:



NECK STRAP

OBTURATOR
WITH SUCTION FUNCTION

FUNNEL CONNECTOR

**OPTIONAL**
ACCESSORIES

# Priflex®
## TRACHEOSTOMY TUBES

### Product features

- Extra-long spiral-reinforced tracheostomy tube with 15 mm connector, low-pressure cuff and individually adjustable neck flange
- Not performed, thus enables individual adaptation to the anatomical conditions of the patient
- Material: PVC, metal spiral, latex-free, DEHP-free

### Indication

- Tracheostomy/ Laryngectomy
- Aspiration
- Ventilation
- Obesity/ Oedema
- Tracheal stenoses
- Presence of large parastomal soft tissue (e.g. tumours)

CUFF

STERILE EO

## PRIFLEX® XL

### SIZE CHART:

| Size | ID | OD | Length (adjustable to) | PU | Article number |
|------|------|--------|-----------|-------|----------------|
| 7 | 7,0 mm | 10,4 mm | 155 mm | 1 set | **200797** |
| 8 | 8,0 mm | 11,4 mm | 155 mm | 1 set | **200798** |
| 9 | 9,0 mm | 12,4 mm | 155 mm | 1 set | **200799** |
| 10 | 10,0 mm | 13,4 mm | 155 mm | 1 set | **200800** |
| 11 | 11,0 mm | 14,4 mm | 155 mm | 1 set | **200801** |

### INCLUDING:

NECK STRAP

OBTURATOR WITH SUCTION FUNCTION
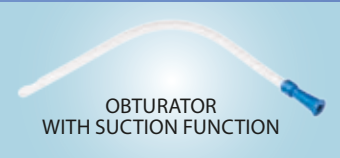
**OPTIONAL** ACCESSORIES

# Priflex® MRI
## TRACHEOSTOMY TUBES

# Priflex® MRI
## TRACHEOSTOMY TUBES

**PRIFLEX® MRI stand for a new generation of tracheostomy tubes with plastic spiral reinforcement which are suitable for MRI.**

These tracheostomy tubes **do not contain any metal parts** - even the pilot balloon is equipped with a special plastic spring -, what makes them suitable for patients who undergo a magnetic resonance imaging (MRI) procedure or need radiation therapy.

They combine a high form stability with soft and flexible material features, which is also characteristic for tubes with classical metal spiral reinforcement.
The soft and flexible tube flange is variably adjustable by a simple screw cap. It adapts exactly to the individual patient requirements.
A scale on the tracheostomy tube facilitates the exact positioning, and a firm 15 mm universal connector enables the attachment of accessories (HME and speaking valves) as well as mechanical ventilators.

The integrated plastic spiral ensures the form stability and kink resistance of the tracheostomy tubes.

**PRIFLEX® MRI** tracheostomy tubes are suitable especially for the use in ventilated neurological patients, as well as in patients whose treatment plan includes MRI or radiation therapy.

# Priflex® MRI
## TRACHEOSTOMY TUBES
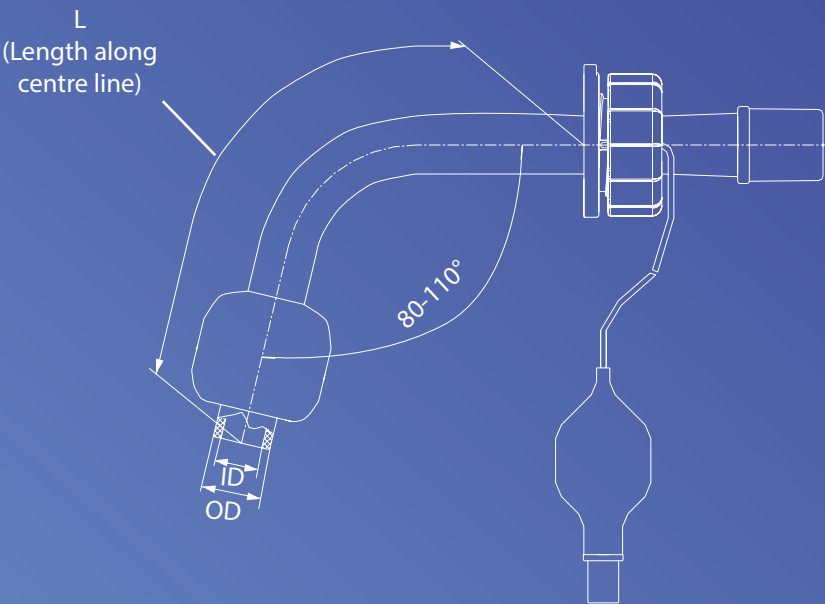


## MEASUREMENTS FOR PRIFLEX® MRI:

| Size | ID | OD | L<br>Length along centre line<br>adjustable to |
|------|------|------|------|
| 6 | 6,0 mm | 8,9 mm | 70,0 mm |
| 7 | 7,0 mm | 9,9 mm | 80,0 mm |
| 8 | 8,0 mm | 10,9 mm | 100,0 mm |
| 9 | 9,0 mm | 11,9 mm | 120,0 mm |
| 10 | 10,0 mm | 12,9 mm | 130,0 mm |
| 11 | 11,0 mm | 13,9 mm | 130,0 mm |

ID   = Inside diameter at the bottom of the tube

OD  = Outside diameter at the bottom of the tube

L     = Length along centre line of the tube from neck flange to bottom of the tube

PU  = Packaging unit

# Priflex® MRI
## TRACHEOSTOMY TUBES

### Product features

- Metal-free tracheostomy tube with plastic spiral reinforcement, with 15 mm connector and individually adjustable neck flange
- Material: PVC, plastic spiral, latex-free, DEHP-free

### Indication

- Tracheostomy/ Laryngectomy
- Obesity/ Oedema
- Radiation/ MRI

STERILE EO

### SIZE CHART:

| Size | ID | OD | Length (adjustable to) | PU | Article number |
|------|------|---------|------|-------|--------|
| 6 | 6,0 mm | 8,9 mm | 70 mm | 1 set | **203802** |
| 7 | 7,0 mm | 9,9 mm | 80 mm | 1 set | **203804** |
| 8 | 8,0 mm | 10,9 mm | 100 mm | 1 set | **203805** |
| 9 | 9,0 mm | 11,9 mm | 120 mm | 1 set | **203806** |
| 10 | 10,0 mm | 12,9 mm | 130 mm | 1 set | **203807** |
| 11 | 11,0 mm | 13,9 mm | 130 mm | 1 set | **203808** |

### INCLUDING:

NECK STRAP

OBTURATOR WITH SUCTION FUNCTION

**OPTIONAL** ACCESSORIES

# TRACHEOSTOMY TUBES

## Product features

- Metal-free tracheostomy tube with plastic spiral reinforcement, with 15 mm connector, low-pressure cuff and individually adjustable neck flange
- Material: PVC, plastic spiral, latex-free, DEHP-free

## Indication

- Tracheostomy/ Laryngectomy
- Ventilation
- Obesity/ Oedema
- Radiation/ MRI

CUFF

STERILE EO

## SIZE CHART:

| Size | ID | OD | Length (adjustable to) | PU | Article number |
|------|------|--------|------------|-------|----------|
| 6 | 6,0 mm | 8,9 mm | 70 mm | 1 set | **203824** |
| 7 | 7,0 mm | 9,9 mm | 80 mm | 1 set | **203814** |
| 8 | 8,0 mm | 10,9 mm | 100 mm | 1 set | **203815** |
| 9 | 9,0 mm | 11,9 mm | 120 mm | 1 set | **203816** |
| 10 | 10,0 mm | 12,9 mm | 130 mm | 1 set | **203817** |
| 11 | 11,0 mm | 13,9 mm | 130 mm | 1 set | **203818** |

### INCLUDING:

NECK STRAP

OBTURATOR WITH SUCTION FUNCTION

**OPTIONAL** ACCESSORIES

# TRACHEOSTOMY TUBES
## CUFFLESS

# TRACHEOSTOMY TUBES
# CUFFLESS

**PRIMEDISTOM®** cuffless tracheostomy tubes are designed for permanent wearers after tracheostomy and laryngectomy.

Their soft, flexible and extremely lightweight material guarantees maximum wearing comfort. **PRIMEDISTOM®** tracheostomy tubes are thermo-sensitive and reach their ideal properties at body temperature. Due to these material characteristics **PRIMEDISTOM®** tracheostomy tubes adapt very well to the shape of the trachea.

All materials are biocompatible, latex-free and DEHP-free.

**PRIMEDISTOM®** cuffless tracheostomy tubes are offered in a wide range of different types and sizes to ensure that all individual patient's requirements are met.

Customized service is available on request.

# Primedistom®

**TRACHEOSTOMY TUBES
CUFFLESS**

Length along
outer bend (OC)

Length along
centre line (OC)

Lb

Ln

OD

$ID_{OC}$

~ 90°
exept
short cannulas
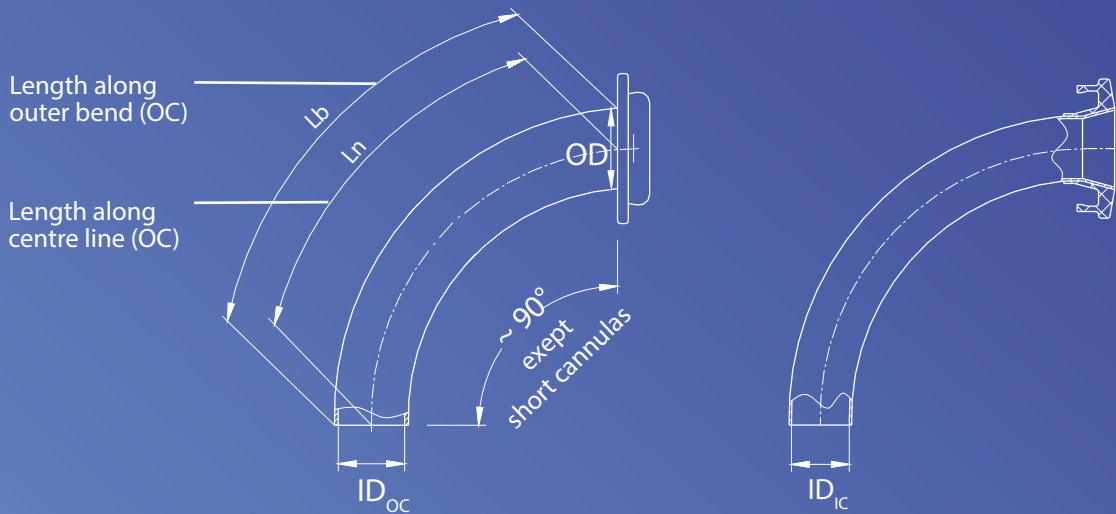
$ID_{IC}$

## MEASUREMENTS FOR PRIMEDISTOM® CUFFLESS:

| Size | $ID_{OC}$ | $ID_{IC}$ | OD | Ln Length along centre line (OC) | | | Lb Length along outer bend (OC) | | |
|------|------|------|------|------|------|------|------|------|------|
| | | | | short version | standard version | long version | short version | standard version | long version |
| 3,5 | 3,6 mm | 2,7 mm | 6,2 mm | | 42 mm | | | 46 mm | |
| 4 | 4,4 mm | 3,3 mm | 7,2 mm | | 50 mm | | | 55 mm | |
| 5 | 5,4 mm | 4,3 mm | 8,2 mm | | 52 mm | 87 mm | | 57 mm | 92 mm |
| 6 | 6,2 mm | 4,9 mm | 9,2 mm | | 54 mm | 88 mm | | 60 mm | 95 mm |
| 7 | 7,0 mm | 5,8 mm | 10,2 mm | 40 mm | 57 mm | 93 mm | 44 mm | 65 mm | 100 mm |
| 8 | 8,0 mm | 6,8 mm | 11,2 mm | 41 mm | 61 mm | 97 mm | 44 mm | 70 mm | 105 mm |
| 9 | 9,0 mm | 7,8 mm | 12,2 mm | 41 mm | 65 mm | 101 mm | 44 mm | 75 mm | 110 mm |
| 10 | 10,0 mm | 8,8 mm | 13,2 mm | 43 mm | 74 mm | 105 mm | 44 mm | 85 mm | 115 mm |
| 11 | 11,0 mm | 9,8 mm | 14,2 mm | 42 mm | 76 mm | 109 mm | 44 mm | 87 mm | 120 mm |
| 12 | 12,0 mm | 10,8 mm | 15,2 mm | 42 mm | 78 mm | 113 mm | 44 mm | 90 mm | 125 mm |
| 13 | 13,0 mm | 11,2 mm | 16,2 mm | 42 mm | 88 mm | 118 mm | 44 mm | 100 mm | 130 mm |

$ID_{OC}$ = Inside diameter (clear width) at bottom of outer cannula
$ID_{IC}$ = Inside diameter at bottom of inner cannula
OD  = Outside diameter of outer cannula behind the flange
IC   = Inner cannula
OC  = Outer cannula
Ln  = Length along centre line of the outer cannula from neck flange to bottom of the tube
Lb  = Length along outer bend of the outer cannula from neck flange to bottom of the tube

PU  = Packaging unit

# Primedistom®

## TRACHEOSTOMY TUBES
## CUFFLESS

### Product features

- Tracheostomy tube with integrated X-ray contrast line for position control
- Conical form facilitates insertion
- Material: PVC, latex-free, DEHP-free, thermo-sensitive

### Indication

- Tracheostomy/ Laryngectomy
- Radiation/ MRI





**SHORT VERSION**

### SIZE CHART:

| Size | ID | OD | Length Ln | Lb | PU | Article number |
|------|-----|------|-------|-------|-------|----------------|
| 3,5 | 3,6 mm | 6,2 mm | 42 mm | 46 mm | 1 set | **200010** |
| 4 | 4,4 mm | 7,2 mm | 50 mm | 55 mm | 1 set | **200011** |
| 5 | 5,4 mm | 8,2 mm | 52 mm | 57 mm | 1 set | **201012** |
| 6 | 6,2 mm | 9,2 mm | 54 mm | 60 mm | 1 set | **201013** |
| 7 | 7,0 mm | 10,2 mm | 57 mm | 65 mm | 1 set | **201014** |
| 8 | 8,0 mm | 11,2 mm | 61 mm | 70 mm | 1 set | **201015** |
| 9 | 9,0 mm | 12,2 mm | 65 mm | 75 mm | 1 set | **201016** |
| 10 | 10,0 mm | 13,2 mm | 74 mm | 85 mm | 1 set | **201017** |
| 11 | 11,0 mm | 14,2 mm | 76 mm | 87 mm | 1 set | **201018** |
| 12 | 12,0 mm | 15,2 mm | 78 mm | 90 mm | 1 set | **201019** |
| 13 | 13,0 mm | 16,2 mm | 88 mm | 100 mm | 1 set | **201020** |

| SHORT VERSION | | | |
|--------------|-------|-------|----------------|
| Length Ln | Lb | PU | Article number |
| | | | |
| | | | |
| | | | |
| | | | |
| 40 mm | 44 mm | 1 set | **200204** |
| 41 mm | 44 mm | 1 set | **200205** |
| 41 mm | 44 mm | 1 set | **200206** |
| 43 mm | 44 mm | 1 set | **200207** |
| 42 mm | 44 mm | 1 set | **200208** |
| 42 mm | 44 mm | 1 set | **200209** |
| 42 mm | 44 mm | 1 set | **200210** |

### INCLUDING:



NECK STRAP

# Primedistom®

## TRACHEOSTOMY TUBES
## CUFFLESS

### Product features

- Tracheostomy tube with 15 mm connector and integrated X-ray contrast line for position control
- Conical form facilitates insertion
- Material: PVC, latex-free, DEHP-free, thermo-sensitive

### Indication

- Tracheostomy/ Laryngectomy
- Radiation/ MRI
- Tracheal stenoses/ Granuloma (for long version)





**LONG VERSION**

### SIZE CHART:

| Size | ID | OD | Length Ln | Lb | PU | Article number |
|------|------|------|------|------|------|------|
| 5 | 5,4 mm | 8,2 mm | 52 mm | 57 mm | 1 set | **201012** |
| 6 | 6,2 mm | 9,2 mm | 54 mm | 60 mm | 1 set | **201013** |
| 7 | 7,0 mm | 10,2 mm | 57 mm | 65 mm | 1 set | **201014** |
| 8 | 8,0 mm | 11,2 mm | 61 mm | 70 mm | 1 set | **201015** |
| 9 | 9,0 mm | 12,2 mm | 65 mm | 75 mm | 1 set | **201016** |
| 10 | 10,0 mm | 13,2 mm | 74 mm | 85 mm | 1 set | **201017** |
| 11 | 11,0 mm | 14,2 mm | 76 mm | 87 mm | 1 set | **201018** |
| 12 | 12,0 mm | 15,2 mm | 78 mm | 90 mm | 1 set | **201019** |
| 13 | 13,0 mm | 16,2 mm | 88 mm | 100 mm | 1 set | **201020** |

| LONG VERSION | | | |
|------|------|------|------|
| Length Ln | Lb | PU | Article number |
| 87 mm | 92 mm | 1 set | **201023** |
| 88 mm | 95 mm | 1 set | **201024** |
| 93 mm | 100 mm | 1 set | **201025** |
| 97 mm | 105 mm | 1 set | **201026** |
| 101 mm | 110 mm | 1 set | **201027** |
| 105 mm | 115 mm | 1 set | **201028** |
| 109 mm | 120 mm | 1 set | **201029** |
| 113 mm | 125 mm | 1 set | **201030** |
| 118 mm | 130 mm | 1 set | **201031** |

### INCLUDING:



NECK STRAP



**OPTIONAL** ACCESSORIES

# TRACHEOSTOMY TUBES
# CUFFLESS

## Product features

- Tracheostomy  tube  with 22 mm connector and integrated X-ray contrast line for position control
- Conical form facilitates insertion
- Material:  PVC, latex-free, DEHP-free, thermo-sensitive

## Indication

- Tracheostomy/ Laryngectomy
- Radiation/ MRI
- Tracheal stenoses/ Granuloma (for long version)

**LONG VERSION**

## SIZE CHART:

| Size | ID | OD | Length Ln | Lb | PU | Article number |
|------|------|------|------|------|------|------|
| 5 | 5,4 mm | 8,2 mm | 52 mm | 57 mm | 1 set | **201034** |
| 6 | 6,2 mm | 9,2 mm | 54 mm | 60 mm | 1 set | **201035** |
| 7 | 7,0 mm | 10,2 mm | 57 mm | 65 mm | 1 set | **201036** |
| 8 | 8,0 mm | 11,2 mm | 61 mm | 70 mm | 1 set | **201037** |
| 9 | 9,0 mm | 12,2 mm | 65 mm | 75 mm | 1 set | **201038** |
| 10 | 10,0 mm | 13,2 mm | 74 mm | 85 mm | 1 set | **201039** |
| 11 | 11,0 mm | 14,2 mm | 76 mm | 87 mm | 1 set | **201040** |
| 12 | 12,0 mm | 15,2 mm | 78 mm | 90 mm | 1 set | **201041** |
| 13 | 13,0 mm | 16,2 mm | 88 mm | 100 mm | 1 set | **201042** |

| LONG VERSION Length Ln | Lb | PU | Article number |
|------|------|------|------|
| 87 mm | 92 mm | 1 set | **201045** |
| 88 mm | 95 mm | 1 set | **201046** |
| 93 mm | 100 mm | 1 set | **201047** |
| 97 mm | 105 mm | 1 set | **201048** |
| 101 mm | 110 mm | 1 set | **201049** |
| 105 mm | 115 mm | 1 set | **201050** |
| 109 mm | 120 mm | 1 set | **201051** |
| 113 mm | 125 mm | 1 set | **201052** |
| 118 mm | 130 mm | 1 set | **201053** |

**INCLUDING:**

NECK STRAP

**OPTIONAL** ACCESSORIES

# Primedistom®

## TRACHEOSTOMY TUBES
## CUFFLESS

### Product features

- Sieved tracheostomy tube with 22 mm connector and integrated X-ray contrast line for position control
- Conical form facilitates insertion
- Material: PVC, latex-free, DEHP-free, thermo-sensitive

### Indication

- Tracheostomy
- Phonation
- Radiation/ MRI
- Tracheal stenoses/ Granuloma (for long version)

SPEAK

SPEAK

**LONG VERSION**

### SIZE CHART:

| Size | ID | OD | Length Ln | Lb | PU | Article number |
|------|-----|-----|------|------|------|--------|
| 5 | 5,4 mm | 8,2 mm | 52 mm | 57 mm | 1 set | **201076** |
| 6 | 6,2 mm | 9,2 mm | 54 mm | 60 mm | 1 set | **201077** |
| 7 | 7,0 mm | 10,2 mm | 57 mm | 65 mm | 1 set | **201078** |
| 8 | 8,0 mm | 11,2 mm | 61 mm | 70 mm | 1 set | **201079** |
| 9 | 9,0 mm | 12,2 mm | 65 mm | 75 mm | 1 set | **201080** |
| 10 | 10,0 mm | 13,2 mm | 74 mm | 85 mm | 1 set | **201081** |
| 11 | 11,0 mm | 14,2 mm | 76 mm | 87 mm | 1 set | **201082** |
| 12 | 12,0 mm | 15,2 mm | 78 mm | 90 mm | 1 set | **201083** |
| 13 | 13,0 mm | 16,2 mm | 88 mm | 100 mm | 1 set | **201084** |

| LONG VERSION | | | |
|------|------|------|--------|
| Length Ln | Lb | PU | Article number |
| 87 mm | 92 mm | 1 set | **201056** |
| 88 mm | 95 mm | 1 set | **201057** |
| 93 mm | 100 mm | 1 set | **201058** |
| 97 mm | 105 mm | 1 set | **201059** |
| 101 mm | 110 mm | 1 set | **201060** |
| 105 mm | 115 mm | 1 set | **201061** |
| 109 mm | 120 mm | 1 set | **201062** |
| 113 mm | 125 mm | 1 set | **201063** |
| 118 mm | 130 mm | 1 set | **201064** |

**INCLUDING:**

NECK STRAP

**OPTIONAL** ACCESSORIES

# TRACHEOSTOMY TUBES
# CUFFLESS

SPEAK

**SHORT VERSION**

## SIZE CHART:

| Size | ID | OD | SHORT VERSION Length Ln | Lb | PU | Article number |
|------|-----|-----|------|------|------|------|
| 9 | 9,0 mm | 12,2 mm | 41 mm | 44 mm | 1 set | **200500** |
| 10 | 10,0 mm | 13,2 mm | 43 mm | 44 mm | 1 set | **200501** |
| 11 | 11,0 mm | 14,2 mm | 42 mm | 44 mm | 1 set | **200502** |
| 12 | 12,0 mm | 15,2 mm | 42 mm | 44 mm | 1 set | **200503** |
| 13 | 13,0 mm | 16,2 mm | 42 mm | 44 mm | 1 set | **200504** |

**INCLUDING:**

NECK STRAP

**OPTIONAL**
ACCESSORIES

# TRACHEOSTOMY TUBES
# CUFFLESS

## Product features

- Outer cannula with integrated X-ray contrast line for position control
- 1 inner cannula without connector
- Secure fixing of inner cannula to outer cannula with Easy-Click-System
- Conical form facilitates insertion
- Material: PVC, latex-free, DEHP-free, thermo-sensitive

## Indication

- Tracheostomy/ Laryngectomy
- Radiation/ MRI
- Tracheal stenoses/ Granuloma (for long version)

**LONG VERSION**

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|---|---|---|---|---|---|---|---|
| 3,5 | 3,6 mm | 2,7 mm | 6,2 mm | 42 mm | 46 mm | 1 set | 200110 |
| 4 | 4,4 mm | 3,3 mm | 7,2 mm | 50 mm | 55 mm | 1 set | 200111 |
| 5 | 5,4 mm | 4,3 mm | 8,2 mm | 52 mm | 57 mm | 1 set | 200112 |
| 6 | 6,2 mm | 4,9 mm | 9,2 mm | 54 mm | 60 mm | 1 set | 200113 |
| 7 | 7,0 mm | 5,8 mm | 10,2 mm | 57 mm | 65 mm | 1 set | 200114 |
| 8 | 8,0 mm | 6,8 mm | 11,2 mm | 61 mm | 70 mm | 1 set | 200115 |
| 9 | 9,0 mm | 7,8 mm | 12,2 mm | 65 mm | 75 mm | 1 set | 200116 |
| 10 | 10,0 mm | 8,8 mm | 13,2 mm | 74 mm | 85 mm | 1 set | 200117 |
| 11 | 11,0 mm | 9,8 mm | 14,2 mm | 76 mm | 87 mm | 1 set | 200118 |
| 12 | 12,0 mm | 10,8 mm | 15,2 mm | 78 mm | 90 mm | 1 set | 200119 |
| 13 | 13,0 mm | 11,2 mm | 16,2 mm | 88 mm | 100 mm | 1 set | 200120 |

### LONG VERSION

| Length Ln | Lb | PU | Article number |
|---|---|---|---|
| | | | |
| | | | |
| 87 mm | 92 mm | 1 set | 200122 |
| 88 mm | 95 mm | 1 set | 200123 |
| 93 mm | 100 mm | 1 set | 200124 |
| 97 mm | 105 mm | 1 set | 200125 |
| 101 mm | 110 mm | 1 set | 200126 |
| 105 mm | 115 mm | 1 set | 200127 |
| 109 mm | 120 mm | 1 set | 200128 |
| 113 mm | 125 mm | 1 set | 200129 |
| 118 mm | 130 mm | 1 set | 200130 |

**INCLUDING:**

NECK STRAP

**EASY-CLICK**

A fixing ring is attached to the inner cannula which is connected through engaging with the outer cannula. Furthermore, the inner cannula can be removed again with ease (pull forwards-downwards without rotation!)

# Primedistom®

## TRACHEOSTOMY TUBES
## CUFFLESS

### Product features

- Outer cannula with integrated X-ray contrast line for position control
- 1 inner cannula with 15 mm connector
- Secure fixing of inner cannula to outer cannula with Easy-Click-System (see p. 70)
- Conical form facilitates insertion
- Material: PVC, latex-free, DEHP-free, thermo-sensitive

### Indication

- Tracheostomy/ Laryngectomy
- Radiation/ MRI
- Tracheal stenoses/ Granuloma (for long version)

**LONG VERSION**

### SIZE CHART: :

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|------|------|------|------|------|------|------|
| 5 | 5,4 mm | 4,3 mm | 8,2 mm | 52 mm | 57 mm | 1 set | **201112** |
| 6 | 6,2 mm | 4,9 mm | 9,2 mm | 54 mm | 60 mm | 1 set | **201113** |
| 7 | 7,0 mm | 5,8 mm | 10,2 mm | 57 mm | 65 mm | 1 set | **201114** |
| 8 | 8,0 mm | 6,8 mm | 11,2 mm | 61 mm | 70 mm | 1 set | **201115** |
| 9 | 9,0 mm | 7,8 mm | 12,2 mm | 65 mm | 75 mm | 1 set | **201116** |
| 10 | 10,0 mm | 8,8 mm | 13,2 mm | 74 mm | 85 mm | 1 set | **201117** |
| 11 | 11,0 mm | 9,8 mm | 14,2 mm | 76 mm | 87 mm | 1 set | **201118** |
| 12 | 12,0 mm | 10,8 mm | 15,2 mm | 78 mm | 90 mm | 1 set | **201119** |
| 13 | 13,0 mm | 11,2 mm | 16,2 mm | 88 mm | 100 mm | 1 set | **201120** |

| LONG VERSION | | | |
|------|------|------|------|
| Length Ln | Lb | PU | Article number |
| 87 mm | 92 mm | 1 set | **201123** |
| 88 mm | 95 mm | 1 set | **201124** |
| 93 mm | 100 mm | 1 set | **201125** |
| 97 mm | 105 mm | 1 set | **201126** |
| 101 mm | 110 mm | 1 set | **201127** |
| 105 mm | 115 mm | 1 set | **201128** |
| 109 mm | 120 mm | 1 set | **201129** |
| 113 mm | 125 mm | 1 set | **201130** |
| 118 mm | 130 mm | 1 set | **201131** |

### INCLUDING:

NECK STRAP

**OPTIONAL** ACCESSORIES

Primedistom®

# TRACHEOSTOMY TUBES
# CUFFLESS



## Product features
- Outer cannula with integrated X-ray contrast line for position control
- With inner cannula system
- 1 inner cannula without connector
- 1 inner cannula with 15 mm connector
- Secure fixing of inner cannula to outer cannula with Easy-Click-System (see p. 70)
- Conical form facilitates insertion
- Material: PVC, latex-free, DEHP-free, thermo-sensitive

## Indication
- Tracheostomy/ Laryngectomy
- Radiation/ MRI
- Tracheal stenoses/ Granuloma (for long version)



**LONG VERSION**

## SIZE CHART:

| Size | $ID_{OC}$ | $ID_{IC}$ | OD | Length Ln | Lb | PU | Article number | Long Ln | Long Lb | PU | Article number |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3,5 | 3,6 mm | 2,7 mm | 6,2 mm | 42 mm | 46 mm | 1 set | **200400** | | | | |
| 4 | 4,4 mm | 3,3 mm | 7,2 mm | 50 mm | 55 mm | 1 set | **200401** | | | | |
| 5 | 5,4 mm | 4,3 mm | 8,2 mm | 52 mm | 57 mm | 1 set | **200402** | 87 mm | 92 mm | 1 set | **200412** |
| 6 | 6,2 mm | 4,9 mm | 9,2 mm | 54 mm | 60 mm | 1 set | **200403** | 88 mm | 95 mm | 1 set | **200413** |
| 7 | 7,0 mm | 5,8 mm | 10,2 mm | 57 mm | 65 mm | 1 set | **200404** | 93 mm | 100 mm | 1 set | **200414** |
| 8 | 8,0 mm | 6,8 mm | 11,2 mm | 61 mm | 70 mm | 1 set | **200405** | 97 mm | 105 mm | 1 set | **200415** |
| 9 | 9,0 mm | 7,8 mm | 12,2 mm | 65 mm | 75 mm | 1 set | **200406** | 101 mm | 110 mm | 1 set | **200416** |
| 10 | 10,0 mm | 8,8 mm | 13,2 mm | 74 mm | 85 mm | 1 set | **200407** | 105 mm | 115 mm | 1 set | **200417** |
| 11 | 11,0 mm | 9,8 mm | 14,2 mm | 76 mm | 87 mm | 1 set | **200408** | 109 mm | 120 mm | 1 set | **200418** |
| 12 | 12,0 mm | 10,8 mm | 15,2 mm | 78 mm | 90 mm | 1 set | **200409** | 113 mm | 125 mm | 1 set | **200419** |
| 13 | 13,0 mm | 11,2 mm | 16,2 mm | 88 mm | 100 mm | 1 set | **200410** | 118 mm | 130 mm | 1 set | **200420** |

**INCLUDING:**

NECK STRAP

**OPTIONAL** ACCESSORIES

# TRACHEOSTOMY TUBES
# CUFFLESS

## Product features

- Outer cannula with integrated X-ray contrast line for position control
- With inner cannula system
- 2 inner cannulas with 15 mm connector
- Secure fixing of inner cannula to outer cannula with Easy-Click-System (see p. 70)
- Conical form facilitates insertion
- Material: PVC, latex-free, DEHP-free, thermo-sensitive

## Indication

- Tracheostomy/ Laryngectomy
- Radiation/ MRI

## SIZE CHART:

| Size | $ID_{OC}$ | $ID_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|-----------|-----------|---------|---------|---------|-------|----------------|
| 5 | 5,4 mm | 4,3 mm | 8,2 mm | 52 mm | 57 mm | 1 set | **201242** |
| 6 | 6,2 mm | 4,9 mm | 9,2 mm | 54 mm | 60 mm | 1 set | **201243** |
| 7 | 7,0 mm | 5,8 mm | 10,2 mm | 57 mm | 65 mm | 1 set | **201244** |
| 8 | 8,0 mm | 6,8 mm | 11,2 mm | 61 mm | 70 mm | 1 set | **201245** |
| 9 | 9,0 mm | 7,8 mm | 12,2 mm | 65 mm | 75 mm | 1 set | **201246** |
| 10 | 10,0 mm | 8,8 mm | 13,2 mm | 74 mm | 85 mm | 1 set | **201247** |
| 11 | 11,0 mm | 9,8 mm | 14,2 mm | 76 mm | 87 mm | 1 set | **201248** |
| 12 | 12,0 mm | 10,8 mm | 15,2 mm | 78 mm | 90 mm | 1 set | **201249** |
| 13 | 13,0 mm | 11,2 mm | 16,2 mm | 88 mm | 100 mm | 1 set | **201250** |

## INCLUDING:

NECK STRAP

**OPTIONAL** ACCESSORIES

# Primedistom®
## TRACHEOSTOMY TUBES
## CUFFLESS

### Product features
- Outer cannula with integrated X-ray contrast line for position control
- With inner cannula system
- 1 inner cannula with 15 mm connector
- 1 inner cannula with 22 mm connector
- Secure fixing of inner cannula to outer cannula with Easy-Click-System (see p. 70)
- Conical form facilitates insertion
- Material: PVC, latex-free, DEHP-free, thermo-sensitive

### Indication
- Tracheostomy/ Laryngectomy
- Radiation/ MRI
- Tracheal stenoses/ Granuloma (for long version)

**LONG VERSION**

### SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|---|---|---|---|---|---|---|---|
| 5 | 5,4 mm | 4,3 mm | 8,2 mm | 52 mm | 57 mm | 1 set | 201212 |
| 6 | 6,2 mm | 4,9 mm | 9,2 mm | 54 mm | 60 mm | 1 set | 201213 |
| 7 | 7,0 mm | 5,8 mm | 10,2 mm | 57 mm | 65 mm | 1 set | 201214 |
| 8 | 8,0 mm | 6,8 mm | 11,2 mm | 61 mm | 70 mm | 1 set | 201215 |
| 9 | 9,0 mm | 7,8 mm | 12,2 mm | 65 mm | 75 mm | 1 set | 201216 |
| 10 | 10,0 mm | 8,8 mm | 13,2 mm | 74 mm | 85 mm | 1 set | 201217 |
| 11 | 11,0 mm | 9,8 mm | 14,2 mm | 76 mm | 87 mm | 1 set | 201218 |
| 12 | 12,0 mm | 10,8 mm | 15,2 mm | 78 mm | 90 mm | 1 set | 201219 |
| 13 | 13,0 mm | 11,2 mm | 16,2 mm | 88 mm | 100 mm | 1 set | 201220 |

**LONG VERSION**

| Length Ln | Lb | PU | Article number |
|---|---|---|---|
| 87 mm | 92 mm | 1 set | 201273 |
| 88 mm | 95 mm | 1 set | 201274 |
| 93 mm | 100 mm | 1 set | 201275 |
| 97 mm | 105 mm | 1 set | 201276 |
| 101 mm | 110 mm | 1 set | 201277 |
| 105 mm | 115 mm | 1 set | 201278 |
| 109 mm | 120 mm | 1 set | 201279 |
| 113 mm | 125 mm | 1 set | 201280 |
| 118 mm | 130 mm | 1 set | 201281 |

**INCLUDING:**

NECK STRAP

**OPTIONAL** ACCESSORIES

# Primedistom®

## TRACHEOSTOMY TUBES
## CUFFLESS

### Product features

- Outer cannula with integrated X-ray contrast line for position control
- With inner cannula system
- 1 inner cannula without connector
- 1 inner cannula with 22 mm connector
- Secure fixing of inner cannula to outer cannula with Easy-Click-System (see p. 70)
- Conical form facilitates insertion
- Material: PVC, latex-free, DEHP-free, thermo-sensitive

### Indication

- Tracheostomy/ Laryngectomy
- Radiation/ MRI
- Tracheal stenoses/ Granuloma (for long version)

**LONG VERSION**

### SIZE CHART:

| Size | $ID_{OC}$ | $ID_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|------|------|------|------|------|------|------|
| 5 | 5,4 mm | 4,3 mm | 8,2 mm | 52 mm | 57 mm | 1 set | **201262** |
| 6 | 6,2 mm | 4,9 mm | 9,2 mm | 54 mm | 60 mm | 1 set | **201263** |
| 7 | 7,0 mm | 5,8 mm | 10,2 mm | 57 mm | 65 mm | 1 set | **201264** |
| 8 | 8,0 mm | 6,8 mm | 11,2 mm | 61 mm | 70 mm | 1 set | **201265** |
| 9 | 9,0 mm | 7,8 mm | 12,2 mm | 65 mm | 75 mm | 1 set | **201266** |
| 10 | 10,0 mm | 8,8 mm | 13,2 mm | 74 mm | 85 mm | 1 set | **201267** |
| 11 | 11,0 mm | 9,8 mm | 14,2 mm | 76 mm | 87 mm | 1 set | **201268** |
| 12 | 12,0 mm | 10,8 mm | 15,2 mm | 78 mm | 90 mm | 1 set | **201269** |
| 13 | 13,0 mm | 11,2 mm | 16,2 mm | 88 mm | 100 mm | 1 set | **201270** |

| LONG VERSION | | | |
|------|------|------|------|
| Length Ln | Lb | PU | Article number |
| 87 mm | 92 mm | 1 set | **201223** |
| 88 mm | 95 mm | 1 set | **201224** |
| 93 mm | 100 mm | 1 set | **201225** |
| 97 mm | 105 mm | 1 set | **201226** |
| 101 mm | 110 mm | 1 set | **201227** |
| 105 mm | 115 mm | 1 set | **201228** |
| 109 mm | 120 mm | 1 set | **201229** |
| 113 mm | 125 mm | 1 set | **201230** |
| 118 mm | 130 mm | 1 set | **201231** |

### INCLUDING:

NECK STRAP

**OPTIONAL** ACCESSORIES

# Primedistom®

## TRACHEOSTOMY TUBES
## CUFFLESS



SPEAK

### Product features

- Sieved outer cannula with integrated X-ray contrast line for position control
- With inner cannula system
- 1 inner cannula without connector
- 1 fenestrated inner cannula with silver speaking valve enables phonation
- Secure fixing of inner cannula to outer cannula with Easy-Click-System (see p. 70)
- Conical form facilitates insertion
- Material: PVC, sterling silver (925), latex-free, DEHP-free, thermo-sensitive

### Indication

- Tracheostomy
- Phonation
- Tracheal stenoses/ Granuloma (for long version)



SPEAK

**LONG VERSION**

### SIZE CHART:

| Size | $ID_{OC}$ | $ID_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|-----------|-----------|--------|--------|---------|-------|----------------|
| 5 | 5,4 mm | 4,3 mm | 8,2 mm | 52 mm | 57 mm | 1 set | **201302** |
| 6 | 6,2 mm | 4,9 mm | 9,2 mm | 54 mm | 60 mm | 1 set | **201303** |
| 7 | 7,0 mm | 5,8 mm | 10,2 mm | 57 mm | 65 mm | 1 set | **201304** |
| 8 | 8,0 mm | 6,8 mm | 11,2 mm | 61 mm | 70 mm | 1 set | **201305** |
| 9 | 9,0 mm | 7,8 mm | 12,2 mm | 65 mm | 75 mm | 1 set | **201306** |
| 10 | 10,0 mm | 8,8 mm | 13,2 mm | 74 mm | 85 mm | 1 set | **201307** |
| 11 | 11,0 mm | 9,8 mm | 14,2 mm | 76 mm | 87 mm | 1 set | **201308** |
| 12 | 12,0 mm | 10,8 mm | 15,2 mm | 78 mm | 90 mm | 1 set | **201309** |
| 13 | 13,0 mm | 11,2 mm | 16,2 mm | 88 mm | 100 mm | 1 set | **201310** |

| LONG VERSION | | | |
|------|------|------|------|
| Length Ln | Lb | PU | Article number |
| 87 mm | 92 mm | 1 set | **201383** |
| 88 mm | 95 mm | 1 set | **201384** |
| 93 mm | 100 mm | 1 set | **201385** |
| 97 mm | 105 mm | 1 set | **201386** |
| 101 mm | 110 mm | 1 set | **201387** |
| 105 mm | 115 mm | 1 set | **201388** |
| 109 mm | 120 mm | 1 set | **201389** |
| 113 mm | 125 mm | 1 set | **201390** |
| 118 mm | 130 mm | 1 set | **201391** |

### INCLUDING:



NECK STRAP



DECANNULATION CAP

# TRACHEOSTOMY TUBES
# CUFFLESS



SPEAK

## Product features

- Sieved outer cannula with integrated X-ray contrast line for position control
- With inner cannula system
- 1 fenestrated inner cannula with silver speaking valve enables phonation
- 1 inner cannula with 15 mm connector
- Secure fixing of inner cannula to outer cannula with Easy-Click-System (see p. 70)
- Conical form facilitates insertion
- Material: PVC, sterling silver (925), latex-free, DEHP-free, thermo-sensitive

## Indication

- Tracheostomy
- Phonation
- Tracheal stenoses/ Granuloma (for long version)



SPEAK

**LONG VERSION**

## SIZE CHART:

| Size | $ID_{OC}$ | $ID_{IC}$ | OD | Length Ln | Length Lb | PU | Article number |
|---|---|---|---|---|---|---|---|
| 4 | 4,4 mm | 3,3 mm | 7,2 mm | 50 mm | 55 mm | 1 set | **200301** |
| 5 | 5,4 mm | 4,3 mm | 8,2 mm | 52 mm | 57 mm | 1 set | **200302** |
| 6 | 6,2 mm | 4,9 mm | 9,2 mm | 54 mm | 60 mm | 1 set | **200303** |
| 7 | 7,0 mm | 5,8 mm | 10,2 mm | 57 mm | 65 mm | 1 set | **200304** |
| 8 | 8,0 mm | 6,8 mm | 11,2 mm | 61 mm | 70 mm | 1 set | **200305** |
| 9 | 9,0 mm | 7,8 mm | 12,2 mm | 65 mm | 75 mm | 1 set | **200306** |
| 10 | 10,0 mm | 8,8 mm | 13,2 mm | 74 mm | 85 mm | 1 set | **200307** |
| 11 | 11,0 mm | 9,8 mm | 14,2 mm | 76 mm | 87 mm | 1 set | **200308** |
| 12 | 12,0 mm | 10,8 mm | 15,2 mm | 78 mm | 90 mm | 1 set | **200309** |
| 13 | 13,0 mm | 11,2 mm | 16,2 mm | 88 mm | 100 mm | 1 set | **200310** |

| LONG VERSION | | | |
|---|---|---|---|
| Length Ln | Length Lb | PU | Article number |
| | | | |
| 87 mm | 92 mm | 1 set | **200322** |
| 88 mm | 95 mm | 1 set | **200323** |
| 93 mm | 100 mm | 1 set | **200324** |
| 97 mm | 105 mm | 1 set | **200325** |
| 101 mm | 110 mm | 1 set | **200326** |
| 105 mm | 115 mm | 1 set | **200327** |
| 109 mm | 120 mm | 1 set | **200328** |
| 113 mm | 125 mm | 1 set | **200329** |
| 118 mm | 130 mm | 1 set | **200330** |

### INCLUDING:



NECK STRAP



DECANNULATION CAP



**OPTIONAL** ACCESSORIES

# TRACHEOSTOMY TUBES
# CUFFLESS

## Product features

- Sieved outer cannula with integrated X-ray contrast line for position control
- With inner cannula system
- 1 fenestrated inner cannula without connector (compatible with Silicone speaking valve to enable phonation)
- 1 inner cannula with 15 mm connector
- Secure fixing of inner cannula to outer cannula with Easy-Click-System (see p. 70)
- Conical form facilitates insertion
- Material: PVC, latex-free, DEHP-free, thermo-sensitive

## Indication

- Tracheostomy
- Phonation
- Radiation/ MRI

SPEAK

## SIZE CHART:

| Size | $ID_{OC}$ | $ID_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|------|------|------|------|------|------|------|
| 6 | 6,2 mm | 4,9 mm | 9,2 mm | 54 mm | 60 mm | 1 set | **200343** |
| 7 | 7,0 mm | 5,8 mm | 10,2 mm | 57 mm | 65 mm | 1 set | **200344** |
| 8 | 8,0 mm | 6,8 mm | 11,2 mm | 61 mm | 70 mm | 1 set | **200345** |
| 9 | 9,0 mm | 7,8 mm | 12,2 mm | 65 mm | 75 mm | 1 set | **200346** |
| 10 | 10,0 mm | 8,8 mm | 13,2 mm | 74 mm | 85 mm | 1 set | **200347** |
| 11 | 11,0 mm | 9,8 mm | 14,2 mm | 76 mm | 87 mm | 1 set | **200348** |
| 12 | 12,0 mm | 10,8 mm | 15,2 mm | 78 mm | 90 mm | 1 set | **200349** |
| 13 | 13,0 mm | 11,2 mm | 16,2 mm | 88 mm | 100 mm | 1 set | **200341** |

### INCLUDING:

NECK STRAP

DECANNULATION CAP

SILICONE SPEAKING VALVE

**OPTIONAL** ACCESSORIES

# TRACHEOSTOMY TUBES
# CUFFLESS

## Product features

- Sieved outer cannula with integrated X-ray contrast line for position control
- With inner cannula system
- 1 fenestrated inner cannula with 15 mm connector enables phonation in conjunction with a speaking valve
- 1 inner cannula with 15 mm connector
- Secure fixing of inner cannula to outer cannula with Easy-Click-System (see p. 70)
- Conical form facilitates insertion
- Material: PVC, latex-free, DEHP-free, thermo-sensitive

## Indication

- Tracheostomy
- Phonation
- Radiation/ MRI

SPEAK

## SIZE CHART:

| Size | $ID_{OC}$ | $ID_{IC}$ | OD | Length | | PU | Article number |
|------|-----------|-----------|--------|--------|--------|-------|----------------|
| | | | | Ln | Lb | | |
| 5 | 5,4 mm | 4,3 mm | 8,2 mm | 52 mm | 57 mm | 1 set | **201372** |
| 6 | 6,2 mm | 4,9 mm | 9,2 mm | 54 mm | 60 mm | 1 set | **201373** |
| 7 | 7,0 mm | 5,8 mm | 10,2 mm | 57 mm | 65 mm | 1 set | **201374** |
| 8 | 8,0 mm | 6,8 mm | 11,2 mm | 61 mm | 70 mm | 1 set | **201375** |
| 9 | 9,0 mm | 7,8 mm | 12,2 mm | 65 mm | 75 mm | 1 set | **201376** |
| 10 | 10,0 mm | 8,8 mm | 13,2 mm | 74 mm | 85 mm | 1 set | **201377** |
| 11 | 11,0 mm | 9,8 mm | 14,2 mm | 76 mm | 87 mm | 1 set | **201378** |
| 12 | 12,0 mm | 10,8 mm | 15,2 mm | 78 mm | 90 mm | 1 set | **201379** |
| 13 | 13,0 mm | 11,2 mm | 16,2 mm | 88 mm | 100 mm | 1 set | **201380** |

## INCLUDING:

NECK STRAP

DECANNULATION CAP

**OPTIONAL** ACCESSORIES

# TRACHEOSTOMY TUBES
# CUFFLESS

## Product features

- Sieved outer cannula with integrated X-ray contrast line for position control
- With inner cannula system
- 1 inner cannula without connector
- 1 fenestrated inner cannula with 22 mm connector enables phonation in conjunction with a speaking valve
- Secure fixing of inner cannula to outer cannula with Easy-Click-System (see p. 70)
- Conical form facilitates insertion
- Material: PVC, latex-free, DEHP-free, thermo-sensitive

## Indication

- Tracheostomy
- Phonation
- Radiation/ MRI
- Tracheal stenoses/ Granuloma (for long version)

SPEAK

SPEAK

**LONG VERSION**

## SIZE CHART:

| Size | $ID_{OC}$ | $ID_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|------|------|------|------|------|------|------|
| 5 | 5,4 mm | 4,3 mm | 8,2 mm | 52 mm | 57 mm | 1 set | **201312** |
| 6 | 6,2 mm | 4,9 mm | 9,2 mm | 54 mm | 60 mm | 1 set | **201313** |
| 7 | 7,0 mm | 5,8 mm | 10,2 mm | 57 mm | 65 mm | 1 set | **201314** |
| 8 | 8,0 mm | 6,8 mm | 11,2 mm | 61 mm | 70 mm | 1 set | **201315** |
| 9 | 9,0 mm | 7,8 mm | 12,2 mm | 65 mm | 75 mm | 1 set | **201316** |
| 10 | 10,0 mm | 8,8 mm | 13,2 mm | 74 mm | 85 mm | 1 set | **201317** |
| 11 | 11,0 mm | 9,8 mm | 14,2 mm | 76 mm | 87 mm | 1 set | **201318** |
| 12 | 12,0 mm | 10,8 mm | 15,2 mm | 78 mm | 90 mm | 1 set | **201319** |
| 13 | 13,0 mm | 11,2 mm | 16,2 mm | 88 mm | 100 mm | 1 set | **201320** |

| LONG VERSION | | | |
|------|------|------|------|
| Length Ln | Lb | PU | Article number |
| 87 mm | 92 mm | 1 set | **201323** |
| 88 mm | 95 mm | 1 set | **201324** |
| 93 mm | 100 mm | 1 set | **201325** |
| 97 mm | 105 mm | 1 set | **201326** |
| 101 mm | 110 mm | 1 set | **201327** |
| 105 mm | 115 mm | 1 set | **201328** |
| 109 mm | 120 mm | 1 set | **201329** |
| 113 mm | 125 mm | 1 set | **201330** |
| 118 mm | 130 mm | 1 set | **201331** |

## INCLUDING:



NECK STRAP

DECANNULATION CAP

PRIMEDI-PHON

**OPTIONAL** ACCESSORIES

# Primedistom®

## TRACHEOSTOMY TUBES
## CUFFLESS



SPEAK

### Product features

- Sieved outer cannula with integrated X-ray contrast line for position control
- With inner cannula system
- 1 inner cannula without connector
- 1 inner cannula with 15 mm connector
- 1 fenestrated inner cannula with 22 mm connector enables phonation in conjunction with a speaking valve
- Secure fixing of inner cannula to outer cannula with Easy-Click-System (see p. 70)
- Conical form facilitates insertion
- Material: PVC, latex-free, DEHP-free, thermo-sensitive

### Indication

- Tracheostomy
- Phonation
- Radiation/ MRI
- Tracheal stenoses/ Granuloma (for long version)



SPEAK

**LONG VERSION**

### SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|------|------|------|------|------|------|------|
| 5 | 5,4 mm | 4,3 mm | 8,2 mm | 52 mm | 57 mm | 1 set | **201342** |
| 6 | 6,2 mm | 4,9 mm | 9,2 mm | 54 mm | 60 mm | 1 set | **201343** |
| 7 | 7,0 mm | 5,8 mm | 10,2 mm | 57 mm | 65 mm | 1 set | **201344** |
| 8 | 8,0 mm | 6,8 mm | 11,2 mm | 61 mm | 70 mm | 1 set | **201345** |
| 9 | 9,0 mm | 7,8 mm | 12,2 mm | 65 mm | 75 mm | 1 set | **201346** |
| 10 | 10,0 mm | 8,8 mm | 13,2 mm | 74 mm | 85 mm | 1 set | **201347** |
| 11 | 11,0 mm | 9,8 mm | 14,2 mm | 76 mm | 87 mm | 1 set | **201348** |
| 12 | 12,0 mm | 10,8 mm | 15,2 mm | 78 mm | 90 mm | 1 set | **201349** |
| 13 | 13,0 mm | 11,2 mm | 16,2 mm | 88 mm | 100 mm | 1 set | **201350** |

| LONG VERSION | | | |
|------|------|------|------|
| Length Ln | Lb | PU | Article number |
| 87 mm | 92 mm | 1 set | **201353** |
| 88 mm | 95 mm | 1 set | **201354** |
| 93 mm | 100 mm | 1 set | **201355** |
| 97 mm | 105 mm | 1 set | **201356** |
| 101 mm | 110 mm | 1 set | **201357** |
| 105 mm | 115 mm | 1 set | **201358** |
| 109 mm | 120 mm | 1 set | **201359** |
| 113 mm | 125 mm | 1 set | **201360** |
| 118 mm | 130 mm | 1 set | **201361** |

### INCLUDING:



NECK STRAP



DECANNULATION CAP



**OPTIONAL** ACCESSORIES

# Primedistom®
## TRACHEOSTOMY TUBES
## CUFFLESS



SPEAK



SPEAK

**LONG VERSION**

### Product features
- Sieved outer cannula with integrated X-ray contrast line for position control
- With inner cannula system
- 1 inner cannula without connector
- 1 inner cannula with 15 mm connector
- 1 fenestrated inner cannula with silver speaking valve enables phonation
- Secure fixing of inner cannula to outer cannula with Easy-Click-System (see p. 70)
- Conical form facilitates insertion
- Material: PVC, sterling silver (925), latex-free, DEHP-free, thermo-sensitive

### Indication
- Tracheostomy
- Phonation
- Tracheal stenoses/ Granuloma (for long version)

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number | Length Ln | Lb | PU | Article number |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | **LONG VERSION** | | | |
| 5 | 5,4 mm | 4,3 mm | 8,2 mm | 52 mm | 57 mm | 1 set | **201535** | 87 mm | 92 mm | 1 set | **201545** |
| 6 | 6,2 mm | 4,9 mm | 9,2 mm | 54 mm | 60 mm | 1 set | **201536** | 88 mm | 95 mm | 1 set | **201546** |
| 7 | 7,0 mm | 5,8 mm | 10,2 mm | 57 mm | 65 mm | 1 set | **201537** | 93 mm | 100 mm | 1 set | **201547** |
| 8 | 8,0 mm | 6,8 mm | 11,2 mm | 61 mm | 70 mm | 1 set | **201538** | 97 mm | 105 mm | 1 set | **201548** |
| 9 | 9,0 mm | 7,8 mm | 12,2 mm | 65 mm | 75 mm | 1 set | **201539** | 101 mm | 110 mm | 1 set | **201549** |
| 10 | 10,0 mm | 8,8 mm | 13,2 mm | 74 mm | 85 mm | 1 set | **201540** | 105 mm | 115 mm | 1 set | **201550** |
| 11 | 11,0 mm | 9,8 mm | 14,2 mm | 76 mm | 87 mm | 1 set | **201541** | 109 mm | 120 mm | 1 set | **201551** |
| 12 | 12,0 mm | 10,8 mm | 15,2 mm | 78 mm | 90 mm | 1 set | **201542** | 113 mm | 125 mm | 1 set | **201552** |
| 13 | 13,0 mm | 11,2 mm | 16,2 mm | 88 mm | 100 mm | 1 set | **201543** | 118 mm | 130 mm | 1 set | **201553** |

**INCLUDING:**


NECK STRAP


DECANNULATION CAP

**OPTIONAL** ACCESSORIES

# Primedistom®
## TRACHEOSTOMY TUBES
## WITH CUFF

# TRACHEOSTOMY TUBES WITH CUFF

**PRIMEDISTOM®** cuffed tracheostomy tubes are made of medical-grade polymer. They are pleasantly flexible and ensure high wearing comfort. The material used is thermosensitive and reaches its ideal properties at body temperature.

The high volume low-pressure cuff, with thin walls and large volume, can be filled through a one-way valve and securely seals the cannula to the tracheal wall. This prevents an accidental aspiration of secretions. The soft cuff fits perfectly into the trachea and ensures a reliable seal, even with a low inflation pressure. The cuff's pilot line is integrated in the outer cannula, achieving a rounded and smooth outer shape. This prevents additional irritation of the mucous membranes.
The key features of this cannula are its easy handling and comfortable use.

**PRIMEDISTOM®** cuffed tracheostomy tubes are single-patient products, available in different versions and supplied in sterile packaging.

The cuffed **PRIMEDISTOM®** tracheostomy tubes with sieving are used after a tracheostomy with a complete or partially retained larynx and enable the user to speak. They are available with a silicone speaking valve which can simply be attached to the fenestrated inner cannula without connector. In the valve, a flap opens on inspiration allowing air to flow in. The exhaled airflow causes the valve flap to close, thereby enabling phonation.

The cuffed **PRIMEDISTOM®** tracheostomy tubes with subglottic suction function features an integrated suction line for secretion suctioning above the cuff.

All materials are biocompatible, latex-free and DEHP-free.

In addition to the standard versions, **PRIMEDISTOM®** cuffed tracheostomy tubes are also available as custom-made product versions after consultation with the treating physician. In these adapted cannulas, individual anatomical features can be considered (as far as technical possible).

# TRACHEOSTOMY TUBES
# WITH CUFF

Length along outer bend (OC)

Length along centre line (OC)

Lb

Ln

OD

Cuff

~ 90°
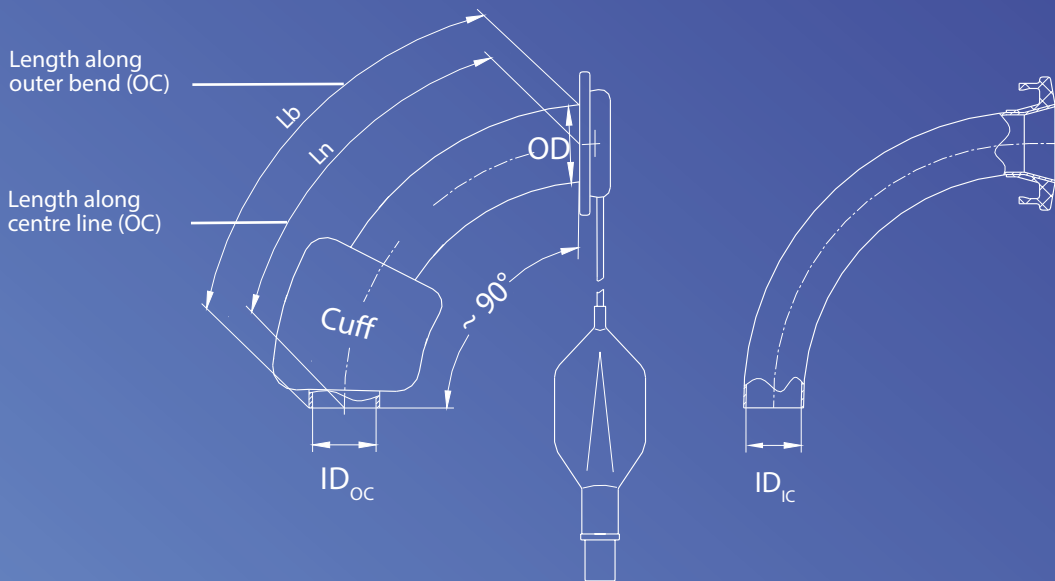
$ID_{OC}$

$ID_{IC}$

## MEASUREMENTS FOR PRIMEDISTOM® WITH CUFF:

| Size | $ID_{OC}$ | $ID_{IC}$ | OD | Ln Length along centre line (OC) | | Lb Length along outer bend (OC) | |
|---|---|---|---|---|---|---|---|
| | | | | standard version | long version | standard version | long version |
| 8 | 8,0 mm | 6,8 mm | 11,2 mm | 62 mm | 97 mm | 70 mm | 105 mm |
| 9 | 9,0 mm | 7,8 mm | 12,2 mm | 66 mm | 96 mm | 75 mm | 105 mm |
| 10 | 10,0 mm | 8,8 mm | 13,2 mm | 76 mm | 100 mm | 85 mm | 110 mm |
| 11 | 11,0 mm | 9,8 mm | 14,2 mm | 76 mm | 104 mm | 87 mm | 115 mm |

$ID_{OC}$ = Inside diameter (clear width) at bottom of outer cannula
$ID_{IC}$ = Inside diameter at bottom of inner cannula
OD  = Outside diameter of outer cannula behind the flange
IC   = Inner cannula
OC  = Outer cannula
Ln  = Length along centre line of the outer cannula from neck flange to bottom of the tube
Lb  = Length along outer bend of the outer cannula from neck flange to bottom of the tube

PU  = Packaging unit

# TRACHEOSTOMY TUBES
# WITH CUFF

## Product features

- Outer cannula with low-pressure cuff and integrated X-ray contrast line for position control
- With inner cannula system
- 1 inner cannula with 15 mm connector
- 1 inner cannula with swivelling 15 mm connector (during ventilation inner cannula has to be locked with the Clip Adapter to prevent it from shifting or removing)
- Secure fixing of inner cannula to outer cannula with Easy-Click-System (see p. 70)
- Conical form facilitates insertion
- Material: PVC, latex-free, DEHP-free, thermo-sensitiv

## Indication

- Tracheostomy/ Laryngectomy
- Aspiration
- Ventilation
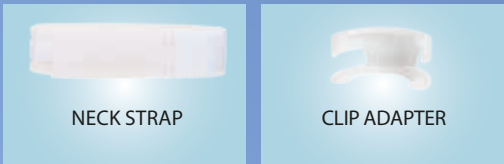- Tracheal stenoses/ Granuloma (for long version)



**PRIMEDICUFF ®**



**LONG VERSION**

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number | LONG VERSION Length Ln | Lb | PU | Article number |
|------|-----------|-----------|-----|------|------|------|---------|--------|--------|------|---------|
| 8 | 8,0 mm | 6,8 mm | 11,2 mm | 62 mm | 70 mm | 1 set | **200700** | 97 mm | 105 mm | 1 set | **200704** |
| 9 | 9,0 mm | 7,8 mm | 12,2 mm | 66 mm | 75 mm | 1 set | **200701** | 96 mm | 105 mm | 1 set | **200705** |
| 10 | 10,0 mm | 8,8 mm | 13,2 mm | 76 mm | 85 mm | 1 set | **200702** | 100 mm | 110 mm | 1 set | **200706** |
| 11 | 11,0 mm | 9,8 mm | 14,2 mm | 76 mm | 87 mm | 1 set | **200703** | 104 mm | 115 mm | 1 set | **200707** |

**INCLUDING:**



NECK STRAP

CLIP ADAPTER

**OPTIONAL** ACCESSORIES

# TRACHEOSTOMY TUBES
# WITH CUFF

## Product features

- Sieved outer cannula with low-pressure cuff and integrated X-ray contrast line for position control
- With inner cannula system
- 1 fenestrated inner cannula without connector (compatible with Silicone speaking valve)
- 1 inner cannula with swivelling 15 mm connector (during ventilation inner cannula has to be locked with the ClipAdapter to prevent it from shifting or removing)
- Secure fixing of inner cannula to outer cannula with Easy-Click-System (see p. 70)
- Conical form facilitates insertion
- Material: PVC, latex-free, DEHP-free, thermo-sensitiv

## Indication

- Tracheostomy
- Phonation
- Ventilation
- Tracheal stenoses/ Granuloma (for long version)

SPEAK
CUFF
STERILE EO

### PRIMEDIPHON®

SPEAK
CUFF
STERILE EO

### LONG VERSION

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|---|---|---|---|---|---|---|---|
| 8 | 8,0 mm | 6,8 mm | 11,2 mm | 62 mm | 70 mm | 1 set | **200710** |
| 9 | 9,0 mm | 7,8 mm | 12,2 mm | 66 mm | 75 mm | 1 set | **200711** |
| 10 | 10,0 mm | 8,8 mm | 13,2 mm | 76 mm | 85 mm | 1 set | **200712** |
| 11 | 11,0 mm | 9,8 mm | 14,2 mm | 76 mm | 87 mm | 1 set | **200713** |

| LONG VERSION | | | |
|---|---|---|---|
| Length Ln | Lb | PU | Article number |
| 97 mm | 105 mm | 1 set | **200714** |
| 96 mm | 105 mm | 1 set | **200715** |
| 100 mm | 110 mm | 1 set | **200716** |
| 104 mm | 115 mm | 1 set | **200717** |

### INCLUDING:

NECK STRAP

CLIP ADAPTER

SILICONE SPEAKING VALVE

**OPTIONAL** ACCESSORIES

# TRACHEOSTOMY TUBES WITH CUFF

## Product features

- Outer cannula with low-pressure cuff, subglottic suction function (features an integrated suction line for subglottic secretion suctioning on demand) and integrated X-ray contrast line for position control
- With inner cannula system
- 1 inner cannula with 15 mm connector
- 1 inner cannula with swivelling 15 mm connector (during ventilation inner cannula has to be locked with the Clip Adapter to prevent it from shifting or removing)
- Secure fixing of inner cannula to outer cannula with Easy-Click-System (see p. 70)
- Conical form facilitates insertion
- Material: PVC, latex-free, DEHP-free, thermo-sensitiv

## Indication

- Tracheostomy/ Laryngectomy
- Aspiration
- Ventilation
- Tracheal stenoses/ Granuloma (for long version)

CUFF
SUCTION

STERILE | EO

## PRIMEDISUCTION®

CUFF
SUCTION

STERILE | EO

## LONG VERSION

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|-----------|-----------|--------|-------|-------|-------|----------------|
| 8 | 8,0 mm | 6,8 mm | 11,2 mm | 62 mm | 70 mm | 1 set | **200720** |
| 9 | 9,0 mm | 7,8 mm | 12,2 mm | 66 mm | 75 mm | 1 set | **200721** |
| 10 | 10,0 mm | 8,8 mm | 13,2 mm | 76 mm | 85 mm | 1 set | **200722** |
| 11 | 11,0 mm | 9,8 mm | 14,2 mm | 76 mm | 87 mm | 1 set | **200723** |

| LONG VERSION | | | |
|--------------|--------------|-------|----------------|
| Length Ln | Lb | PU | Article number |
| 97 mm | 105 mm | 1 set | **200724** |
| 96 mm | 105 mm | 1 set | **200725** |
| 100 mm | 110 mm | 1 set | **200726** |
| 104 mm | 115 mm | 1 set | **200727** |

## INCLUDING:

NECK STRAP

CLIP ADAPTER

FUNNEL CONNECTOR

**OPTIONAL** ACCESSORIES

# TRACHEOSTOMY TUBES
# WITH CUFF

## Product features

- Sieved outer cannula with low-pressure cuff, subglottic suction function (features an integrated suction line for subglottic secretion suctioning on demand) and integrated X-ray contrast line for position control
- With inner cannula system
- 1 fenestrated inner cannula without connector (compatible with Silicone speaking valve)
- 1 inner cannula with swivelling 15 mm connector (during ventilation inner cannula has to be locked with the Clip Adapter to prevent it from shifting or removing)
- Secure fixing of inner cannula to outer cannula with Easy-Click-System (see p. 70)
- Conical form facilitates insertion
- Material: PVC, latex-free, DEHP-free, thermo-sensitiv

## Indication

- Tracheostomy
- Phonation
- Ventilation
- Tracheal stenoses/ Granuloma (for long version)



SPEAK
CUFF
SUCTION
STERILE EO

**PRIMEDICOMB®**



SPEAK
CUFF
SUCTION
STERILE EO

**LONG VERSION**

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|------|------|------|------|------|------|------|
| 8 | 8,0 mm | 6,8 mm | 11,2 mm | 62 mm | 70 mm | 1 set | **200730** |
| 9 | 9,0 mm | 7,8 mm | 12,2 mm | 66 mm | 75 mm | 1 set | **200731** |
| 10 | 10,0 mm | 8,8 mm | 13,2 mm | 76 mm | 85 mm | 1 set | **200732** |
| 11 | 11,0 mm | 9,8 mm | 14,2 mm | 76 mm | 87 mm | 1 set | **200733** |

| LONG VERSION | | | |
|------|------|------|------|
| Length Ln | Lb | PU | Article number |
| 97 mm | 105 mm | 1 set | **200734** |
| 96 mm | 105 mm | 1 set | **200735** |
| 100 mm | 110 mm | 1 set | **200736** |
| 104 mm | 115 mm | 1 set | **200737** |

## INCLUDING:



NECK STRAP



CLIP ADAPTER



SILICONE SPEAKING VALVE



FUNNEL CONNECTOR

**OPTIONAL** ACCESSORIES

# Primedistom®

## REPLACEMENT INNER CANNULAS

Unfenestrated replacement inner cannulas
for PRIMEDISTOM® tracheostomy tube
in standard length

**(A)**

**(B)**

**(C)**

## SIZE CHART:

| Size | Suitable for Primedistom® outer cannula with Length Lb | PU | Inner cannula unfenestrated, without connector (A) Article number | Inner cannula unfenestrated, with 15 mm connector (B) Article number | Inner cannula unfenestrated, with 22 mm connector (C) Article number |
|------|------|------|------|------|------|
| 5 | 57 mm | 1 piece | **201402** | **201432** | **201462** |
| 6 | 60 mm | 1 piece | **201403** | **201433** | **201463** |
| 7 | 65 mm | 1 piece | **201404** | **201434** | **201464** |
| 8 | 70 mm | 1 piece | **201405** | **201435** | **201465** |
| 9 | 75 mm | 1 piece | **201406** | **201436** | **201466** |
| 10 | 85 mm | 1 piece | **201407** | **201437** | **201467** |
| 11 | 87 mm | 1 piece | **201408** | **201438** | **201468** |
| 12 | 90 mm | 1 piece | **201409** | **201439** | **201469** |
| 13 | 100 mm | 1 piece | **201410** | **201440** | **201470** |

# Primedistom®

## REPLACEMENT INNER CANNULAS

Fenestrated replacement inner cannulas
for PRIMEDISTOM® tracheostomy tube
in standard length

**(A)**

**(B)**

**(C)**

## SIZE CHART:

| Size | Suitable for Primedistom® outer cannula with Length Lb | PU | Inner cannula fenestrated, without connector (A) Article number | Inner cannula fenestrated, with 15 mm connector (B) Article number | Inner cannula fenestrated, with 22 mm connector (C) Article number |
|---|---|---|---|---|---|
| 5 | 57 mm | 1 piece | 201413 | 201443 | 201473 |
| 6 | 60 mm | 1 piece | 201414 | 201444 | 201474 |
| 7 | 65 mm | 1 piece | 201415 | 201445 | 201475 |
| 8 | 70 mm | 1 piece | 201416 | 201446 | 201476 |
| 9 | 75 mm | 1 piece | 201417 | 201447 | 201477 |
| 10 | 85 mm | 1 piece | 201418 | 201448 | 201478 |
| 11 | 87 mm | 1 piece | 201419 | 201449 | 201479 |
| 12 | 90 mm | 1 piece | 201420 | 201450 | 201480 |
| 13 | 100 mm | 1 piece | 201421 | 201451 | 201481 |

# TRACHEOSTOMY TUBES

**SILVER** tracheostomy tubes are HAND-MADE in GERMANY from high-grade sterling silver (925) of medical quality.

Due to their conical and seamless tube form these tracheostomy tubes enable easy insertion and avoid irritations to the tracheal wall (special versions, e.g. tracheostomy tubes with cylindrical form, are explicitely marked in the catalog).

The material of these tubes has an anti-bacterial impact and their smooth surface is easy to clean. The flange of these cannulas features two lateral eyelets to fix the inserted tracheostomy tube with a neck strap.

The extremely thin walls of these tracheostomy tubes provide a maximum lumen and therefore a large capacity for ventilation, even in small-sized cannulas. The material properties allow the increment of the inner dia-meter without changing the outer diameter. More air can enter and pass through the cannula. This increased inner volume makes silver cannulas superior to thicker medical-grade polymer cannulas in their intake capacity.

In addition, **SILVER** tracheostomy tubes are characterized by their high durability which allows a longer duration of use. Therefore they are often considered as economical long-term tubes.

This type of tracheostomy tube is always presented in sets with the inner cannula and outer cannula fitting together perfectly. This guarantees safe removal of the inner cannula for cleaning purposes or in case of shortness of breath.
The inner cannula can be fixed or released by moving a small silver lever on the outer cannula.
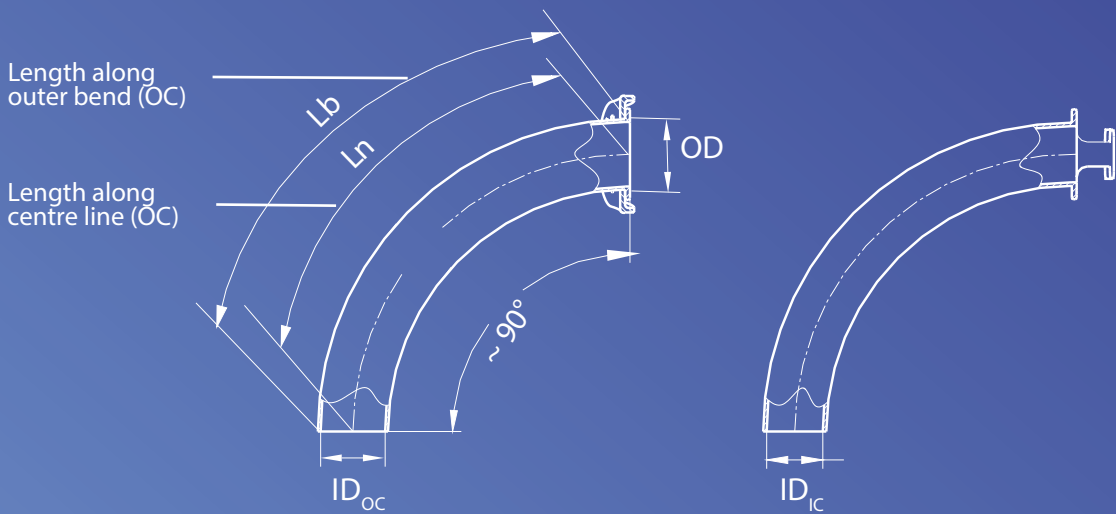
Customized service is available on request.
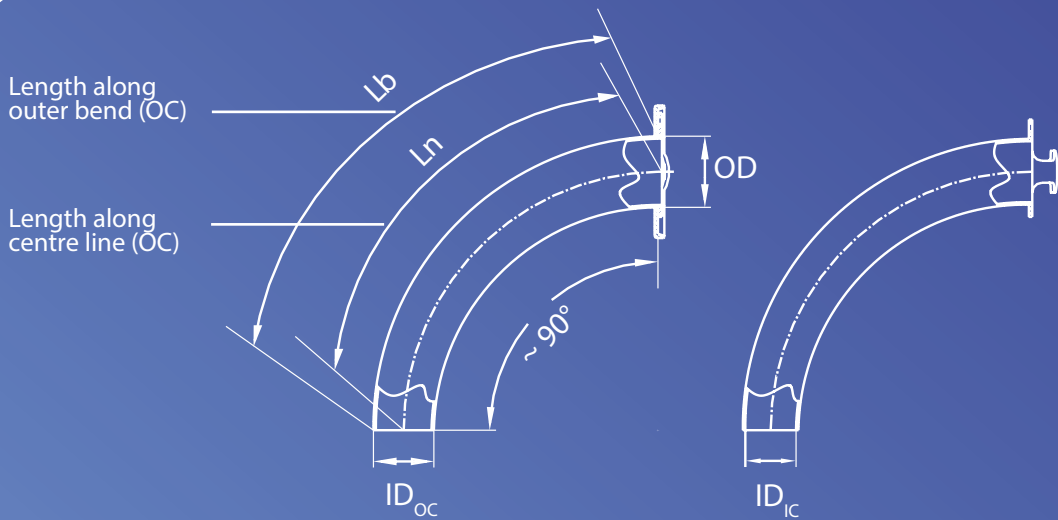
## MEASUREMENTS FOR SILVER CONICAL:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Ln Length along centre line (OC) | Lb Length along outer bend (OC) |
|---|---|---|---|---|---|
| 3 | 5,4 mm | 4,4 mm | 7,5 mm | 50 mm | 55 mm |
| 4 | 6,0 mm | 5,0 mm | 8,2 mm | 50 mm | 55 mm |
| 5 | 6,7 mm | 5,7 mm | 9,1 mm | 54 mm | 60 mm |
| 6 | 7,4 mm | 6,4 mm | 9,8 mm | 55 mm | 60 mm |
| 7 | 8,0 mm | 7,0 mm | 10,9 mm | 60 mm | 65 mm |
| 8 | 8,7 mm | 7,7 mm | 11,6 mm | 66 mm | 70 mm |
| 9 | 9,4 mm | 8,4 mm | 12,3 mm | 65 mm | 75 mm |
| 10 | 10,0 mm | 9,0 mm | 13,2 mm | 74 mm | 80 mm |
| 11 | 10,7 mm | 9,7 mm | 13,8 mm | 84 mm | 90 mm |
| 12 | 11,4 mm | 10,4 mm | 14,6 mm | 83 mm | 90 mm |
| 13 | 12,0 mm | 11,0 mm | 15,0 mm | 83 mm | 90 mm |
| 14 | 12,7 mm | 11,7 mm | 15,8 mm | 83 mm | 90 mm |

ID$_{OC}$ = Inside diameter (clear width) at bottom of outer cannula
ID$_{IC}$ = Inside diameter at bottom of inner cannula
OD = Outside diameter of outer cannula behind the flange
IC = Inner cannula
OC = Outer cannula
Ln = Length along centre line of the outer cannula from neck flange to bottom of the tube
Lb = Length along outer bend of the outer cannula from neck flange to bottom of the tube

PU = Packaging unit

# Silver
## TRACHEOSTOMY TUBES

Length along outer bend (OC)

Length along centre line (OC)

Lb

Ln

OD

~90°

$ID_{OC}$

$ID_{IC}$

## MEASUREMENTS FOR SILVER CYLINDRICAL:

| Size | $ID_{OC}$ | $ID_{IC}$ | OD | Ln Length along centre line (OC) | Lb Length along outer bend (OC) |
|------|-----------|-----------|----|-----------------------------------|----------------------------------|
| 8 | 7,2 mm | 5,7 mm | 8,0 mm | 53,6 mm | 60 mm |
| 9 | 8,2 mm | 6,4 mm | 9,0 mm | 58,6 mm | 65 mm |
| 10 | 9,2 mm | 7,3 mm | 10,0 mm | 62,1 mm | 70 mm |
| 11 | 10,2 mm | 8,2 mm | 11,0 mm | 71,2 mm | 80 mm |
| 12 | 11,2 mm | 9,1 mm | 12,0 mm | 80,4 mm | 90 mm |
| 13 | 12,2 mm | 10,1 mm | 13,0 mm | 80,4 mm | 90 mm |

$ID_{OC}$ = Inside diameter (clear width) at bottom of outer cannula
$ID_{IC}$ = Inside diameter at bottom of inner cannula
OD   = Outside diameter of outer cannula behind the flange
IC    = Inner cannula
OC   = Outer cannula
Ln   = Length along centre line of the outer cannula from neck flange to bottom of the tube
Lb   = Length along outer bend of the outer cannula from neck flange to bottom of the tube

PU   = Packaging unit

Special products like halfflexible or flexible **SILVER** tracheostomy tubes are specified with their individual measurements on the relevant product pages.
Further variants not listed in the catalog are available upon request.

# Silver
# TRACHEOSTOMY TUBES

## Product features
- Outer cannula
- With inner cannula system
- 2 inner cannulas without connector
- Conical form facilitates insertion
- Large inner lumen
- Long duration of use due to high durability of silver material
- Material: sterling silver (925), antibacterial

## Indication
- Tracheostomy/ Laryngectomy

## SIZE CHART:

| Size | $ID_{OC}$ | $ID_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|-----------|-----------|--------|---------|---------|-------|----------------|
| 4 | 6,0 mm | 5,0 mm | 8,2 mm | 50 mm | 55 mm | 1 set | **200854** |
| 5 | 6,7 mm | 5,7 mm | 9,1 mm | 54 mm | 60 mm | 1 set | **200855** |
| 6 | 7,4 mm | 6,4 mm | 9,8 mm | 55 mm | 60 mm | 1 set | **200856** |
| 7 | 8,0 mm | 7,0 mm | 10,9 mm | 60 mm | 65 mm | 1 set | **200857** |
| 8 | 8,7 mm | 7,7 mm | 11,6 mm | 66 mm | 70 mm | 1 set | **200858** |
| 9 | 9,4 mm | 8,4 mm | 12,3 mm | 65 mm | 75 mm | 1 set | **200859** |
| 10 | 10,0 mm | 9,0 mm | 13,2 mm | 74 mm | 80 mm | 1 set | **200860** |
| 11 | 10,7 mm | 9,7 mm | 13,8 mm | 84 mm | 90 mm | 1 set | **200861** |
| 12 | 11,4 mm | 10,4 mm | 14,6 mm | 83 mm | 90 mm | 1 set | **200862** |
| 13 | 12,0 mm | 11,0 mm | 15,0 mm | 83 mm | 90 mm | 1 set | **200863** |
| 14 | 12,7 mm | 11,7 mm | 15,8 mm | 83 mm | 90 mm | 1 set | **200864** |

### INCLUDING:

NECK STRAP

**OPTIONAL**
with Obturator

## Silver

# TRACHEOSTOMY TUBES

### Product features

- Outer cannula
- With inner cannula system
- 1 inner cannual without connector
- 1 inner cannula with 15 mm connector
- Conical form facilitates insertion
- Large inner lumen
- Long duration of use due to high durability of silver material
- Material: sterling silver (925), antibacterial

### Indication

- Tracheostomy/ Laryngectomy

### SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|-----------|-----------|--------|---------|---------|-------|----------------|
| 4 | 6,0 mm | 5,0 mm | 8,2 mm | 50 mm | 55 mm | 1 set | **200869** |
| 5 | 6,7 mm | 5,7 mm | 9,1 mm | 54 mm | 60 mm | 1 set | **200870** |
| 6 | 7,4 mm | 6,4 mm | 9,8 mm | 55 mm | 60 mm | 1 set | **200871** |
| 7 | 8,0 mm | 7,0 mm | 10,9 mm | 60 mm | 65 mm | 1 set | **200872** |
| 8 | 8,7 mm | 7,7 mm | 11,6 mm | 66 mm | 70 mm | 1 set | **200873** |
| 9 | 9,4 mm | 8,4 mm | 12,3 mm | 65 mm | 75 mm | 1 set | **200874** |
| 10 | 10,0 mm | 9,0 mm | 13,2 mm | 74 mm | 80 mm | 1 set | **200875** |
| 11 | 10,7 mm | 9,7 mm | 13,8 mm | 84 mm | 90 mm | 1 set | **200876** |
| 12 | 11,4 mm | 10,4 mm | 14,6 mm | 83 mm | 90 mm | 1 set | **200877** |

### INCLUDING:

NECK STRAP

**OPTIONAL** ACCESSORIES

matching Obturator
optionally available (see p. 109)

# TRACHEOSTOMY TUBES

### Product features

- Outer cannula
- With inner cannula system
- 1 inner cannual without connector
- 1 inner cannula with 22 mm connector
- Conical form facilitates insertion
- Large inner lumen
- Long duration of use due to high durability of silver material
- Material: sterling silver (925), antibacterial

### Indication

- Tracheostomy/ Laryngectomy

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|------|------|------|------|------|------|------|
| 4 | 6,0 mm | 5,0 mm | 8,2 mm | 50 mm | 55 mm | 1 set | **200934** |
| 5 | 6,7 mm | 5,7 mm | 9,1 mm | 54 mm | 60 mm | 1 set | **200935** |
| 6 | 7,4 mm | 6,4 mm | 9,8 mm | 55 mm | 60 mm | 1 set | **200936** |
| 7 | 8,0 mm | 7,0 mm | 10,9 mm | 60 mm | 65 mm | 1 set | **200937** |
| 8 | 8,7 mm | 7,7 mm | 11,6 mm | 66 mm | 70 mm | 1 set | **200938** |
| 9 | 9,4 mm | 8,4 mm | 12,3 mm | 65 mm | 75 mm | 1 set | **200939** |
| 10 | 10,0 mm | 9,0 mm | 13,2 mm | 74 mm | 80 mm | 1 set | **200940** |
| 11 | 10,7 mm | 9,7 mm | 13,8 mm | 84 mm | 90 mm | 1 set | **200941** |
| 12 | 11,4 mm | 10,4 mm | 14,6 mm | 83 mm | 90 mm | 1 set | **200942** |
| 13 | 12,0 mm | 11,0 mm | 15,0 mm | 83 mm | 90 mm | 1 set | **200943** |

### INCLUDING:

NECK STRAP

**OPTIONAL** ACCESSORIES

matching Obturator
optionally available (see p. 109)

## Silver
# TRACHEOSTOMY TUBES

### Product features

- Sieved outer cannula
- 1 fenestrated inner cannula with detachable silver speaking valve enables phonation (secured against falling off by a small silver chain)
- Conical form facilitates insertion
- Large inner lumen
- Long duration of use due to high durability of silver material
- Material: sterling silver (925), antibacterial

### Indication

- Tracheostomy
- Phonation

SPEAK

### SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|---|---|---|---|---|---|---|---|
| 4 | 6,0 mm | 5,0 mm | 8,2 mm | 50 mm | 55 mm | 1 set | **200914** |
| 5 | 6,7 mm | 5,7 mm | 9,1 mm | 54 mm | 60 mm | 1 set | **200915** |
| 6 | 7,4 mm | 6,4 mm | 9,8 mm | 55 mm | 60 mm | 1 set | **200916** |
| 7 | 8,0 mm | 7,0 mm | 10,9 mm | 60 mm | 65 mm | 1 set | **200917** |
| 8 | 8,7 mm | 7,7 mm | 11,6 mm | 66 mm | 70 mm | 1 set | **200918** |
| 9 | 9,4 mm | 8,4 mm | 12,3 mm | 65 mm | 75 mm | 1 set | **200919** |
| 10 | 10,0 mm | 9,0 mm | 13,2 mm | 74 mm | 80 mm | 1 set | **200920** |
| 11 | 10,7 mm | 9,7 mm | 13,8 mm | 84 mm | 90 mm | 1 set | **200921** |
| 12 | 11,4 mm | 10,4 mm | 14,6 mm | 83 mm | 90 mm | 1 set | **200922** |
| 13 | 12,0 mm | 11,0 mm | 15,0 mm | 83 mm | 90 mm | 1 set | **200923** |
| 14 | 12,7 mm | 11,7 mm | 15,8 mm | 83 mm | 90 mm | 1 set | **200924** |

### INCLUDING:

NECK STRAP

**OPTIONAL**
with Obturator

# Silver

# TRACHEOSTOMY TUBES

## Product features

- Sieved outer cannula
- With inner cannula system
- 1 fenestrated inner cannula with detachable silver speaking valve enables phonation (secured against falling off by a small silver chain)
- 1 inner cannula with 15 mm connector
- Conical form facilitates insertion
- Large inner lumen
- Long duration of use due to high durability of silver material
- Material: sterling silver (925), antibacterial

## Indication

- Tracheostomy
- Phonation

SPEAK

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|-----------|-----------|--------|-------|-------|-------|----------------|
| 4 | 6,0 mm | 5,0 mm | 8,2 mm | 50 mm | 55 mm | 1 set | **200884** |
| 5 | 6,7 mm | 5,7 mm | 9,1 mm | 54 mm | 60 mm | 1 set | **200885** |
| 6 | 7,4 mm | 6,4 mm | 9,8 mm | 55 mm | 60 mm | 1 set | **200886** |
| 7 | 8,0 mm | 7,0 mm | 10,9 mm | 60 mm | 65 mm | 1 set | **200887** |
| 8 | 8,7 mm | 7,7 mm | 11,6 mm | 66 mm | 70 mm | 1 set | **200888** |
| 9 | 9,4 mm | 8,4 mm | 12,3 mm | 65 mm | 75 mm | 1 set | **200889** |
| 10 | 10,0 mm | 9,0 mm | 13,2 mm | 74 mm | 80 mm | 1 set | **200890** |
| 11 | 10,7 mm | 9,7 mm | 13,8 mm | 84 mm | 90 mm | 1 set | **200891** |
| 12 | 11,4 mm | 10,4 mm | 14,6 mm | 83 mm | 90 mm | 1 set | **200892** |
| 13 | 12,0 mm | 11,0 mm | 15,0 mm | 83 mm | 90 mm | 1 set | **200893** |

## INCLUDING:

NECK STRAP

## OPTIONAL ACCESSORIES

matching Obturator
optionally available (see p. 109)

# Silver
## TRACHEOSTOMY TUBES

### Product features
- Sieved outer cannula
- With inner cannula system
- 1 fenestrated inner cannula with $O_2$-port and detachable silver speaking valve which enables phonation (secured against falling off by a small silver chain)
- 1 inner cannula with 15 mm connector
- Conical form facilitates insertion
- Large inner lumen
- Long duration of use due to high durability of silver material
- Material: sterling silver (925), antibacterial

SPEAK

### Indication
- Tracheostomy
- Phonation
- Hypoxia

### SIZE CHART:

| Size | $ID_{OC}$ | $ID_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|---|---|---|---|---|---|---|---|
| 4 | 6,0 mm | 5,0 mm | 8,2 mm | 50 mm | 55 mm | 1 set | **200899** |
| 5 | 6,7 mm | 5,7 mm | 9,1 mm | 54 mm | 60 mm | 1 set | **200900** |
| 6 | 7,4 mm | 6,4 mm | 9,8 mm | 55 mm | 60 mm | 1 set | **200901** |
| 7 | 8,0 mm | 7,0 mm | 10,9 mm | 60 mm | 65 mm | 1 set | **200902** |
| 8 | 8,7 mm | 7,7 mm | 11,6 mm | 66 mm | 70 mm | 1 set | **200903** |
| 9 | 9,4 mm | 8,4 mm | 12,3 mm | 65 mm | 75 mm | 1 set | **200904** |
| 10 | 10,0 mm | 9,0 mm | 13,2 mm | 74 mm | 80 mm | 1 set | **200905** |
| 11 | 10,7 mm | 9,7 mm | 13,8 mm | 84 mm | 90 mm | 1 set | **200906** |
| 12 | 11,4 mm | 10,4 mm | 14,6 mm | 83 mm | 90 mm | 1 set | **200907** |
| 13 | 12,0 mm | 11,0 mm | 15,0 mm | 83 mm | 90 mm | 1 set | **200908** |
| 14 | 12,7 mm | 11,7 mm | 15,8 mm | 83 mm | 90 mm | 1 set | **200909** |

#### INCLUDING:

NECK STRAP

**OPTIONAL** ACCESSORIES

# Silver
# TRACHEOSTOMY TUBES

## Product features

- Sieved outer cannula
- With inner cannula system
- 1 inner cannula without connector
- 1 fenestrated inner cannula with 22 mm connector enables phoantion in conjunction with a speaking valve
- Conical form facilitates insertion
- Large inner lumen
- Long duration of use due to high durability of silver material
- Material: sterling silver (925), antibacterial

## Indication

- Tracheostomy
- Phonation

SPEAK

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|-----------|-----------|------|-------|-------|-------|----------------|
| 4 | 6,0 mm | 5,0 mm | 8,2 mm | 50 mm | 55 mm | 1 set | **200834** |
| 5 | 6,7 mm | 5,7 mm | 9,1 mm | 54 mm | 60 mm | 1 set | **200835** |
| 6 | 7,4 mm | 6,4 mm | 9,8 mm | 55 mm | 60 mm | 1 set | **200836** |
| 7 | 8,0 mm | 7,0 mm | 10,9 mm | 60 mm | 65 mm | 1 set | **200837** |
| 8 | 8,7 mm | 7,7 mm | 11,6 mm | 66 mm | 70 mm | 1 set | **200838** |
| 9 | 9,4 mm | 8,4 mm | 12,3 mm | 65 mm | 75 mm | 1 set | **200839** |
| 10 | 10,0 mm | 9,0 mm | 13,2 mm | 74 mm | 80 mm | 1 set | **200840** |
| 11 | 10,7 mm | 9,7 mm | 13,8 mm | 84 mm | 90 mm | 1 set | **200841** |
| 12 | 11,4 mm | 10,4 mm | 14,6 mm | 83 mm | 90 mm | 1 set | **200842** |
| 13 | 12,0 mm | 11,0 mm | 15,0 mm | 83 mm | 90 mm | 1 set | **200843** |

## INCLUDING:

NECK STRAP

## OPTIONAL ACCESSORIES

matching Obturator
optionally available (see p. 109)

## Silver
# TRACHEOSTOMY TUBES

### Product features
- Sieved outer cannula
- 1 fenestrated inner cannula with detachable round speaking valve enables phonation
- Conical form facilitates insertion
- Large inner lumen
- Long duration of use due to high durability of silver material
- Material: sterling silver (925), antibacterial

### Indication
- Tracheostomy
- Phonation

SPEAK

### SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|-----------|-----------|------|------|------|------|------|
| 8 | 8,7 mm | 7,7 mm | 11,6 mm | 66 mm | 70 mm | 1 set | **202838** |
| 9 | 9,4 mm | 8,4 mm | 12,3 mm | 65 mm | 75 mm | 1 set | **202839** |
| 10 | 10,0 mm | 9,0 mm | 13,2 mm | 74 mm | 80 mm | 1 set | **202840** |
| 11 | 10,7 mm | 9,7 mm | 13,8 mm | 84 mm | 90 mm | 1 set | **202841** |
| 12 | 11,4 mm | 10,4 mm | 14,6 mm | 83 mm | 90 mm | 1 set | **202842** |
| 13 | 12,0 mm | 11,0 mm | 15,0 mm | 83 mm | 90 mm | 1 set | **202843** |

### INCLUDING:

NECK STRAP

**OPTIONAL**
with Obturator

# TRACHEOSTOMY TUBES

## Product features
- Sieved outer cannula
- With inner cannula system
- 1 inner cannula with 15 mm connector
- 1 fenestrated inner cannula with detachable round speaking valve which enables phonation and features an $O_2$-port
- Conical form facilitates insertion
- Large inner lumen
- Long duration of use due to high durability of silver material
- Material: sterling silver (925), antibacterial

SPEAK

## Indication
- Tracheostomy
- Phonation
- Hypoxia

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|---|---|---|---|---|---|---|---|
| 8 | 8,7 mm | 7,7 mm | 11,6 mm | 66 mm | 70 mm | 1 set | **202858** |
| 9 | 9,4 mm | 8,4 mm | 12,3 mm | 65 mm | 75 mm | 1 set | **202859** |
| 10 | 10,0 mm | 9,0 mm | 13,2 mm | 74 mm | 80 mm | 1 set | **202860** |
| 11 | 10,7 mm | 9,7 mm | 13,8 mm | 84 mm | 90 mm | 1 set | **202861** |
| 12 | 11,4 mm | 10,4 mm | 14,6 mm | 83 mm | 90 mm | 1 set | **202862** |
| 13 | 12,0 mm | 11,0 mm | 15,0 mm | 83 mm | 90 mm | 1 set | **202863** |

**INCLUDING:**

NECK STRAP

**OPTIONAL** ACCESSORIES

## Silver
# TRACHEOSTOMY TUBES

### Product features
- Sieved outer cannula
- 1 fenestrated inner cannula with detachable square speaking valve which enables phonation
- Conical form facilitates insertion
- Large inner lumen
- Long duration of use due to high durability of silver material
- Material: sterling silver (925), antibacterial

### Indication
- Tracheostomy
- Phonation

SPEAK

### SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Ln | Lb | PU | Article number |
|------|------|------|------|------|------|------|------|
| 8 | 8,7 mm | 7,7 mm | 11,6 mm | 66 mm | 70 mm | 1 set | **202890** |
| 9 | 9,4 mm | 8,4 mm | 12,3 mm | 65 mm | 75 mm | 1 set | **202891** |
| 10 | 10,0 mm | 9,0 mm | 13,2 mm | 74 mm | 80 mm | 1 set | **202892** |
| 11 | 10,7 mm | 9,7 mm | 13,8 mm | 84 mm | 90 mm | 1 set | **202893** |
| 12 | 11,4 mm | 10,4 mm | 14,6 mm | 83 mm | 90 mm | 1 set | **202894** |
| 13 | 12,0 mm | 11,0 mm | 15,0 mm | 83 mm | 90 mm | 1 set | **202895** |

### INCLUDING:

NECK STRAP

**OPTIONAL**
with Obturator

# TRACHEOSTOMY TUBES

## Product features

- Cylindrical outer cannula
- 1 inner cannula without connector
- 1 Obturator with a smooth atraumatic tip facilitates insertion
- Large inner lumen
- Small neck flange (discrete design)
- Long duration of use due to high durability of silver material
- Material: sterling silver (925), stainless steel, antibacterial

## Indication

- Tracheostomy/ Laryngectomy

## SIZE CHART:

| Size | $ID_{OC}$ | $ID_{IC}$ | OD | Length | | PU | Article number |
| | | | | Ln | Lb | | |
|------|---------|---------|---------|---------|-------|-------|----------------|
| 8 | 7,2 mm | 5,7 mm | 8,0 mm | 53,6 mm | 60 mm | 1 set | **202902** |
| 9 | 8,2 mm | 6,4 mm | 9,0 mm | 58,6 mm | 65 mm | 1 set | **202903** |
| 10 | 9,2 mm | 7,3 mm | 10,0 mm | 62,1 mm | 70 mm | 1 set | **202904** |
| 11 | 10,2 mm | 8,2 mm | 11,0 mm | 71,2 mm | 80 mm | 1 set | **202905** |
| 12 | 11,2 mm | 9,1 mm | 12,0 mm | 80,4 mm | 90 mm | 1 set | **202906** |
| 13 | 12,2 mm | 10,1 mm | 13,0 mm | 80,4 mm | 90 mm | 1 set | **202907** |

## INCLUDING:

NECK STRAP

# Silver
# TRACHEOSTOMY TUBES

## Product features

- Halfflexible outer cannula
- 1 halfflexible inner cannula without connector
- Flexible form adapts perfectly to the individual anatomy of the patient
- Available also with sieving/ fenestration (customization)
- Long duration of use due to high durability of silver material
- Material: sterling silver (925), antibacterial

## Indication

- Tracheostomy/ Laryngectomy
- Tracheal stenoses/ Granuloma

## SIZE CHART:

| Size | ID$_{OC}$ | ID$_{IC}$ | OD | Length Lb | PU | Article number |
|------|-----------|-----------|---------|-----------|-------|----------------|
| 8 | 7,4 mm | 4,6 mm | 11,6 mm | 135 mm | 1 set | **202938** |
| 9 | 8,1 mm | 5,3 mm | 12,3 mm | 140 mm | 1 set | **202939** |
| 10 | 8,7 mm | 5,9 mm | 13,2 mm | 145 mm | 1 set | **202940** |
| 11 | 9,4 mm | 6,6 mm | 13,8 mm | 155 mm | 1 set | **202941** |
| 12 | 10,1 mm | 7,6 mm | 14,6 mm | 155 mm | 1 set | **202922** |
| 13 | 10,7 mm | 7,9 mm | 15,0 mm | 155 mm | 1 set | **202943** |

### INCLUDING:

NECK STRAP

# TRACHEOSTOMY TUBES

### Product features

- Flexible tracheostomy tube
- Flexible form adapts perfectly to the individual anatomy of the patient
- Available also with flexible inner cannula (customization)
- Long duration of use due to high durability of silver material
- Material: sterling silver (925), antibacterial

### Indication

- Tracheostomy/ Laryngectomy
- Tracheal stenoses/ Granuloma

## SIZE CHART:

| Size | ID | OD | Length Lb | PU | Article number |
|------|--------|---------|--------|-------|----------------|
| 8 | 4,0 mm | 8,0 mm | 125 mm | 1 set | **202958** |
| 9 | 5,0 mm | 9,0 mm | 130 mm | 1 set | **202959** |
| 10 | 6,0 mm | 10,0 mm | 135 mm | 1 set | **202960** |
| 11 | 7,0 mm | 11,0 mm | 145 mm | 1 set | **202961** |
| 12 | 8,0 mm | 12,0 mm | 155 mm | 1 set | **202962** |
| 13 | 9,0 mm | 13,0 mm | 155 mm | 1 set | **202963** |

### INCLUDING:

NECK STRAP

# Silver
## ACCESSORIES

### Product features

- Obturator for conical SILVER tracheostomy tubes
- Facilitates insertion
- With smooth atraumatic tip
- Optionally available in addition to a tracheostomy tube set (Obturator is adapted perfectly to each cannula set)
- Material: stainless steel

### Indication

- Tracheostomy/ Laryngectomy

### SIZE CHART:

| Size (suitable for conical SILVER tracheostomy tube of the same size) | PU | Article number |
|---|---|---|
| 5 | 1 set | **202805** |
| 6 | 1 set | **202806** |
| 7 | 1 set | **202807** |
| 8 | 1 set | **202808** |
| 9 | 1 set | **202809** |
| 10 | 1 set | **202810** |
| 11 | 1 set | **202811** |
| 12 | 1 set | **202812** |
| 13 | 1 set | **202813** |
| 14 | 1 set | **202814** |

NEO  PED  PEDL  PEDC  PEDCL

# TRACHEOSTOMY TUBES

**FOR NEONATES
AND CHILDREN**

# TRACHEOSTOMY TUBES
## FOR NEONATES AND CHILDREN

Our tracheostomy tubes for neonates and children are specially tailored to the requirements of little patients.

They are made of particulary soft, flexible DEHP-free material and formed atraumaticly. Due to their thin-walled design they ensure high air supply, but at the same time retain their high stability of form. The swivelling 15 mm connector of these tracheostomy tubes enables easy connection of ventilation circuits and minimizes the transmission of tensile and shear forces to the tube.



Swivelling 15 mm connector



The cuffed version have an ultra-thin Polyurethan (PU) cuff



Special recesses on the flange enable maximum flexibility



Different flange designs for neonatal and pediatric patients

# NEO  PED  PEDL  PEDC  PEDCL

## TRACHEOSTOMY TUBES
## FOR NEONATES
## AND CHILDREN

Length along
centre line

Ln

CUFF

120°

ID

OD
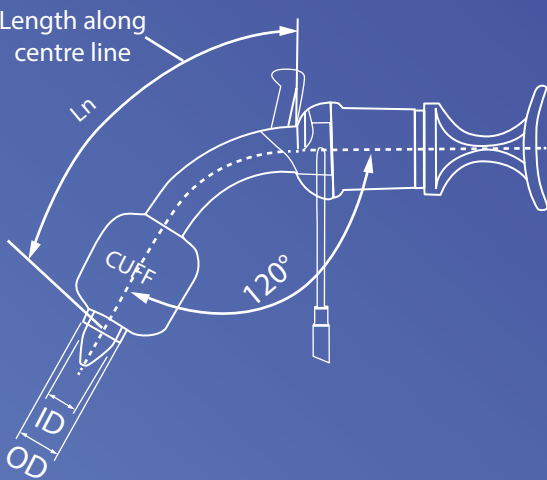
## MEASUREMENTS FOR NEO, PED, PEDL, PEDC, PEDCL:

| Size | ID | OD | Ln Length along centre line | | |
|------|------|------|------|------|------|
| | | | NEO | PED, PEDC | PEDL, PEDCL |
| 3.0 | 3,0 mm | 4,5 mm | 30 mm | 39 mm | |
| 3.5 | 3,5 mm | 5,2 mm | 32 mm | 40 mm | |
| 4.0 | 4,0 mm | 5,9 mm | 34 mm | 41 mm | |
| 4.5 | 4,5 mm | 6,5 mm | 36 mm | 42 mm | |
| 5.0 | 5,0 mm | 7,1 mm | | 44 mm | 50 mm |
| 5.5 | 5,5 mm | 7,7 mm | | 46 mm | 52 mm |
| 6.0 | 6,0 mm | 8,3 mm | | | 54 mm |
| 6.5 | 6,5 mm | 9,0 mm | | | 56 mm |

ID  = Inside diameter at bottom of tube
OD = Outside diameter at bottom of tube
Ln  = Length along centre line from neck flange to bottom of the tube

PU  = Packaging unit

# NEO
## NEONATAL
## TRACHEOSTOMY TUBES
## WITHOUT CUFF

### Product features

- Neonatal tracheostomy tube made of radio-paque material for position control, with swivelling 15 mm connector
- 1 Obturator for easy insertion
- Without inner cannula system in order to provide a large inner lumen
- Cylindrical form ensures greatest possible inner diameter
- For removal of the swivelling connector and disconnecting of accessories the included disconnecting wedge can be used
- Material: PVC, latex-free, DEHP-free, bisphenol A-free, thermo-sensitive

### Indication

- Tracheostomy in neonates
- Radiation/ MRI depending on tumour localisation

STERILE EO

## NEO - NEONATAL
## TRACHEOSTOMY TUBES
## WITHOUT CUFF

### SIZE CHART:

| Size | ID | OD | Length along centre line | PU | Article number |
|------|------|--------|--------------------------|-------|----------------|
| 3.0 | 3,0 mm | 4,5 mm | 30 mm | 1 set | **200041** |
| 3.5 | 4,5 mm | 5,2 mm | 32 mm | 1 set | **200042** |
| 4.0 | 4,0 mm | 5,9 mm | 34 mm | 1 set | **200043** |
| 4.5 | 4,5 mm | 6,5 mm | 36 mm | 1 set | **200044** |

### INCLUDING:

NECK STRAP

DISCONNECTING WEDGE

**OPTIONAL** ACCESSORIES

# PED

## PEDIATRIC
## TRACHEOSTOMY TUBES
## WITHOUT CUFF

### Product features

- Pediatric tracheostomy tube made of radiopaque material for position control, with swivelling 15 mm connector
- 1 Obturator for easy insertion
- Without inner cannula system in order to provide a large inner lumen
- Cylindrical form ensures greatest possible inner diameter
- For removal of the swivelling connector and disconnecting of accessories the included disconnecting wedge can be used
- Material: PVC, latex-free, DEHP-free, bisphenol A-free, thermo-sensitive

### Indication

- Tracheostomy in children
- Radiation/ MRI depending on tumour localisation

STERILE EO

**PED - PEDIATRIC
TRACHEOSTOMY TUBE
WITHOUT CUFF**

## SIZE CHART:

| Size | ID | OD | Length along centre line | PU | Article number |
|------|------|--------|--------------------------|-------|----------------|
| 3.0 | 3,0 mm | 4,5 mm | 39 mm | 1 set | **200051** |
| 3.5 | 3,5 mm | 5,2 mm | 40 mm | 1 set | **200052** |
| 4.0 | 4,0 mm | 5,9 mm | 41 mm | 1 set | **200053** |
| 4.5 | 4,5 mm | 6,5 mm | 42 mm | 1 set | **200054** |
| 5.0 | 5,0 mm | 7,1 mm | 44 mm | 1 set | **200055** |
| 5.5 | 5,5 mm | 7,7 mm | 46 mm | 1 set | **200056** |

### INCLUDING:

NECK STRAP

DISCONNECTING WEDGE

**OPTIONAL** ACCESSORIES

# PEDIATRIC
## TRACHEOSTOMY TUBES
## WITHOUT CUFF
## LONG

## Product features

- Long pediatric tracheostomy tube made of radio-paque material for position control, with swivel-ling 15 mm connector
- 1 Obturator for easy insertion
- Without inner cannula system in order to provide a large inner lumen
- Cylindrical form ensures greatest possible inner diameter
- For removal of the swivelling connector and disconnecting of accessories the included dis-connecting wedge can be used
- Material: PVC, latex-free, DEHP-free, bisphenol A-free, thermo-sensitive



STERILE EO

## PEDL - PEDIATRIC
## TRACHEOSTOMY TUBE
## WITHOUT CUFF, LONG

## Indication

- Tracheostomy in children
- Radiation/ MRI depending on tumour locali-sation
- Tracheal stenoses/ Granuloma

## SIZE CHART:

| Size | ID | OD | Length along centre line | PU | Article number |
|------|------|------|--------------------------|-------|----------------|
| 5.0 | 5,0 mm | 7,1 mm | 50 mm | 1 set | **200065** |
| 5.5 | 5,5 mm | 7,7 mm | 52 mm | 1 set | **200066** |
| 6.0 | 6,0 mm | 8,3 mm | 54 mm | 1 set | **200067** |
| 6.5 | 6,5 mm | 9,0 mm | 56 mm | 1 set | **200068** |

### INCLUDING:



NECK STRAP



DISCONNECTING WEDGE

**OPTIONAL** ACCESSORIES

PEDC

## PEDIATRIC
## TRACHEOSTOMY TUBES
## WITH CUFF

### Product features

- Pediatric tracheostomy tube made of radiopaque material for position control, with particularly thin-walled low-pressure Polyurethan (PU) cuff and swivelling 15 mm connector
- 1 Obturator for easy insertion
- Without inner cannula system in order to provide a large inner lumen
- Cylindrical form ensures greatest possible inner diameter
- For removal of the swivelling connector and disconnecting of accessories the included dis- connecting wedge can be used
- Material: PVC, PU, latex-free, DEHP-free, bisphe- nol A-free, thermo-sensitive

### Indication

- Tracheostomy in children
- Ventilation
- Aspiration

CUFF

STERILE EO

## PEDC - PEDIATRIC
## TRACHEOSTOMY TUBE WITH CUFF

### SIZE CHART:

| Size | ID | OD | Length along centre line | PU | Article number |
|------|------|--------|--------------------------|-------|----------------|
| 4.0 | 4,0 mm | 5,9 mm | 41 mm | 1 set | **200073** |
| 4.5 | 4,5 mm | 6,5 mm | 42 mm | 1 set | **200074** |
| 5.0 | 5,0 mm | 7,1 mm | 44 mm | 1 set | **200075** |
| 5.5 | 5,5 mm | 7,7 mm | 46 mm | 1 set | **200076** |

### INCLUDING:

NECK STRAP

DISCONNECTING WEDGE

**OPTIONAL**
ACCESSORIES

# PEDCL

## PEDIATRIC
## TRACHEOSTOMY TUBES
## WITH CUFF
## LONG

### Product features

- Long pediatric tracheostomy tube made of radio-paque material for position control, with particularly thin-walled low-pressure Polyurethan (PU) cuff and swivelling 15 mm connector
- 1 Obturator for easy insertion
- Without inner cannula system in order to provide a large inner lumen
- Cylindrical form ensures greatest possible inner diameter
- For removal of the swivelling connector and disconnecting of accessories the included disconnecting wedge can be used
- Material: PVC, PU, latex-free, DEHP-free, bisphenol A-free, thermo-sensitive

### Indication

- Tracheostomy in children
- Ventilation
- Aspiration
- Tracheal stenoses/ Granuloma

CUFF

STERILE EO

## PEDCL - PEDIATRIC
## TRACHEOSTOMY TUBE WITH CUFF
## LONG

### SIZE CHART:

| Size | ID | OD | Length along centre line | PU | Article number |
|------|------|------|------|------|------|
| 5.0 | 5,0 mm | 7,1 mm | 50 mm | 1 set | **200085** |
| 5.5 | 5,5 mm | 7,7 mm | 52 mm | 1 set | **200086** |
| 6.0 | 6,0 mm | 8,3 mm | 54 mm | 1 set | **200087** |
| 6.5 | 6,5 mm | 9,0 mm | 56 mm | 1 set | **200088** |

### INCLUDING:

NECK STRAP

DISCONNECTING WEDGE
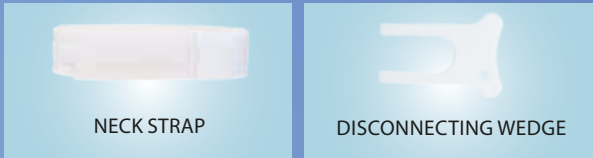
**OPTIONAL**
ACCESSORIES

## Product features

- Flexible extension adapter for pediatric tracheo-stomy tubes
- For ventilated patients it facilitates the connec-tion of a tracheostomy tube to a ventilator
- Wide end (female) can be connected directly to to the 15 mm connector of pediatric tracheo-stomy tubes
- Narrow end with 15 mm connector (male) on the opposite side can be connected to a ven-tilator
- For disconnecting the flexible extension adapter from the tracheostomy tube use the disconnec-ting wedge included with every PRIMED pedia-tric tracheostomy tube

## Indication

- Tracheostomy in children
- Ventilation



STERILE EO

**FLEXIBLE
EXTENSION ADAPTER
FOR A 15 MM CONNECTOR**

| | PU | Article number |
|---|---|---|
| **Flexible Extension Adapter** <br> for pediatric tracheostomy tubes <br> (with an adapter for a 15 mm connector), sterile | 1 piece | **200090** |

# Primedisilk®
## LARYNGECTOMY TUBES

# Primedisilk®

## LARYNGECTOMY TUBES

**PRIMEDISILK®** laryngectomy tubes are made of pure, medical-grade silicone. Due to high flexibility and the outstanding material properties of silicone, the tubes adjust well to the shape of the trachea and assure high wearing comfort.

An atraumatic rounded tip prevents irritation of the mucous membranes in the trachea and facilitates insertion.

**PRIMEDISILK®** tubes are recommended for laryngectomized patients whose tracheostoma still has to be stabilized, and for tracheostomized patients, who need a placeholder during the weaning process.

# Primedisilk®
## LARYNGECTOMY TUBES

Length along outer bend

Lb

Ln

Length along centre line

OD

ID

~74° exept short cannulas
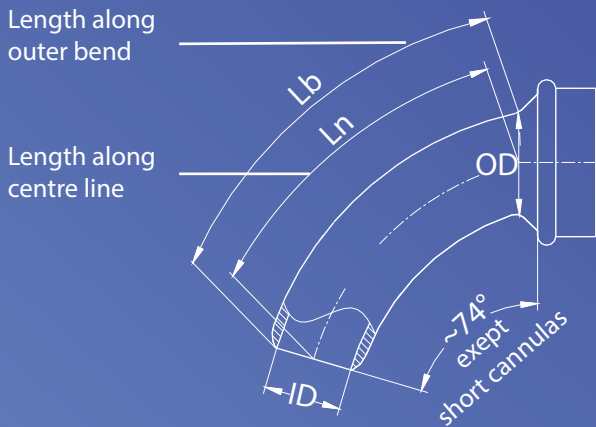
## MEASUREMENTS FOR PRIMEDISILK®:

| Size | ID | OD | Ln Length along centre line | | Lb Length along outer bend | |
|---|---|---|---|---|---|---|
| | | | short version | standard version | short version | standard version |
| 8 | 9,5 mm | 12,0 mm | 37,0 mm | 54,0 mm | 44,0 mm | 62,0 mm |
| 9 | 10,5 mm | 13,5 mm | 37,0 mm | 54,0 mm | 44,0 mm | 62,0 mm |
| 10 | 12,0 mm | 15,0 mm | 37,0 mm | 54,0 mm | 44,0 mm | 62,0 mm |
| 12 | 13,5 mm | 17,0 mm | 37,0 mm | 54,0 mm | 44,0 mm | 62,0 mm |

ID  = Inside diameter (clear width) at bottom of cannula
OD = Outside diameter of cannula behind the flange
Ln = Length along centre line from neck flange to bottom of the tube
Lb = Length along outer bend from neck flange to bottom of the tube

PU  = Packaging unit

# LARYNGECTOMY TUBES

## Product features

- Low-profile laryngectomy tube without connector
- Prevents shrinkage of tissue
- High wearing comfort due to flexible and soft material
- Ensures good tissue compatibility
- Atraumatic rounded tip facilitates insertion
- Available in two lengths
- Material: silicone, latex-free

## Indication

- Laryngectomy/ Tracheostomy
- Radiation/ MRI

**PRIMEDISILK®**

**SHORT VERSION**

## SIZE CHART:

| Size | ID | OD | Length Ln | Lb | PU | Article number |
|------|------|------|------|------|------|------|
| 8 | 9,5 mm | 12,0 mm | 54 mm | 62 mm | 1 set | **200614** |
| 9 | 10,5 mm | 13,5 mm | 54 mm | 62 mm | 1 set | **200615** |
| 10 | 12,0 mm | 15,0 mm | 54 mm | 62 mm | 1 set | **200616** |
| 12 | 13,5 mm | 17,0 mm | 54 mm | 62 mm | 1 set | **200617** |

| SHORT VERSION | | | |
|------|------|------|------|
| Length Ln | Lb | PU | Article number |
| 37 mm | 44 mm | 1 set | **200660** |
| 37 mm | 44 mm | 1 set | **200661** |
| 37 mm | 44 mm | 1 set | **200662** |
| 37 mm | 44 mm | 1 set | **200663** |

## INCLUDING:

NECK STRAP

# Primedisilk®
## LARYNGECTOMY TUBES

### Product features
- Laryngectomy tube with 22 mm connector
- Prevents shrinkage of tissue
- High wearing comfort due to flexible and soft material
- Ensures good tissue compatibility
- Atraumatic rounded tip facilitates insertion
- Available in two lengths
- Material: silicone, latex-free

### Indication
- Laryngectomy/ Tracheostomy
- Radiation/ MRI

**PRIMEDISILK-VENT®**

**SHORT VERSION**

### SIZE CHART:

| Size | ID | OD | Length Ln | Lb | PU | Article number |
|------|------|--------|-------|-------|-------|----------------|
| 8 | 9,5 mm | 12,0 mm | 54 mm | 62 mm | 1 set | **200628** |
| 9 | 10,5 mm | 13,5 mm | 54 mm | 62 mm | 1 set | **200629** |
| 10 | 12,0 mm | 15,0 mm | 54 mm | 62 mm | 1 set | **200630** |
| 12 | 13,5 mm | 17,0 mm | 54 mm | 62 mm | 1 set | **200631** |

| SHORT VERSION | | | |
|-------|-------|-------|----------------|
| Length Ln | Lb | PU | Article number |
| 37 mm | 44 mm | 1 set | **200668** |
| 37 mm | 44 mm | 1 set | **200669** |
| 37 mm | 44 mm | 1 set | **200670** |
| 37 mm | 44 mm | 1 set | **200671** |

### INCLUDING:

NECK STRAP

5 X PRIMEDIAIR-PHON ULTRAFLOW

**OPTIONAL** ACCESSORIES

# Primedisilk®
## LARYNGECTOMY TUBES

### Product features

- Sieved laryngectomy tube with 22 mm connector
- Sieving enables phonation (for laryngectomized patients with normal position of voice prosthesis)
- Prevents shrinkage of tissue
- High wearing comfort due to flexible and soft material
- Ensures good tissue compatibility
- Atraumatic rounded tip facilitates insertion
- Available in two lengths
- Material: silicone, latex-free



SPEAK

## PRIMEDISILK-VENT®



SPEAK

**SHORT VERSION**

### Indication

- Laryngectomized patients (with voice prosthesis)/ Tracheostomized patients with intact larynx
- Phonation
- Radiation/ MRI

## SIZE CHART:

| Size | ID | OD | Length Ln | Lb | PU | Article number |
|------|------|------|------|------|------|------|
| 8 | 9,5 mm | 12,0 mm | 54 mm | 62 mm | 1 set | **200624** |
| 9 | 10,5 mm | 13,5 mm | 54 mm | 62 mm | 1 set | **200625** |
| 10 | 12,0 mm | 15,0 mm | 54 mm | 62 mm | 1 set | **200626** |
| 12 | 13,5 mm | 17,0 mm | 54 mm | 62 mm | 1 set | **200627** |

| SHORT VERSION | | | |
|------|------|------|------|
| Length Ln | Lb | PU | Article number |
| 37 mm | 44 mm | 1 set | **200664** |
| 37 mm | 44 mm | 1 set | **200665** |
| 37 mm | 44 mm | 1 set | **200666** |
| 37 mm | 44 mm | 1 set | **200667** |

### INCLUDING:



NECK STRAP



5 X PRIMEDIAIR-PHON ULTRAFLOW



**OPTIONAL** ACCESSORIES

# Primedisilk®
## LARYNGECTOMY TUBES

### Product features
- Laryngectomy tube with 22 mm connector without flange
- To be used in conjunction with adhesive base-plates (PRIMEDISTRIP® stoma patches)
- Enables application without neck strap
- Prevents shrinkage of tissue
- High wearing comfort due to flexible and soft material
- Ensures good tissue compatibility
- Atraumatic rounded tip facilitates insertion
- Available in two lengths
- Material: silicone, latex-free

### Indication
- Laryngectomy/ Tracheostomy
- Radiation/ MRI



## PRIMEDISILK-CLIP®



**SHORT VERSION**

## SIZE CHART:

| Size | ID | OD | Length Ln | Lb | PU | Article number |
|------|-----|-----|------|------|------|------|
| 8 | 9,5 mm | 12,0 mm | 54 mm | 62 mm | 1 set | **200684** |
| 9 | 10,5 mm | 13,5 mm | 54 mm | 62 mm | 1 set | **200685** |
| 10 | 12,0 mm | 15,0 mm | 54 mm | 62 mm | 1 set | **200686** |
| 12 | 13,5 mm | 17,0 mm | 54 mm | 62 mm | 1 set | **200687** |

| SHORT VERSION Length Ln | Lb | PU | Article number |
|------|------|------|------|
| 37 mm | 44 mm | 1 set | **200692** |
| 37 mm | 44 mm | 1 set | **200693** |
| 37 mm | 44 mm | 1 set | **200694** |
| 37 mm | 44 mm | 1 set | **200695** |

**OPTIONAL** ACCESSORIES

# Primedisilk®
## LARYNGECTOMY TUBES

### Product features
- Sieved laryngectomy tube with 22 mm connector without flange
- Sieving enables phonation (for laryngectomized patients with normal position of voice prosthesis)
- To be used in conjunction with adhesive base-plates (PRIMEDISTRIP® stoma patches)
- Enables application without neck strap and an improved sealing of the tracheostoma during phonation
- Prevents shrinkage of tissue
- High wearing comfort due to flexible and soft material
- Ensures good tissue compatibility
- Atraumatic rounded tip facilitates insertion
- Available in two lengths
- Material: silicone, latex-free

### Indication
- Laryngectomized patients (with voice prosthesis)/ Tracheostomized patients with intact larynx
- Phonation
- Radiation/ MRI

SPEAK

**PRIMEDISILK-CLIP®**
**WITH SIEVING**

SPEAK

**SHORT VERSION**

### SIZE CHART:

| Size | ID | OD | Length Ln | Lb | PU | Article number | | SHORT VERSION Length Ln | Lb | PU | Article number |
|------|------|------|------|------|------|------|---|------|------|------|------|
| 8 | 9,5 mm | 12,0 mm | 54 mm | 62 mm | 1 set | **200680** | | 37 mm | 44 mm | 1 set | **200688** |
| 9 | 10,5 mm | 13,5 mm | 54 mm | 62 mm | 1 set | **200681** | | 37 mm | 44 mm | 1 set | **200689** |
| 10 | 12,0 mm | 15,0 mm | 54 mm | 62 mm | 1 set | **200682** | | 37 mm | 44 mm | 1 set | **200690** |
| 12 | 13,5 mm | 17,0 mm | 54 mm | 62 mm | 1 set | **200683** | | 37 mm | 44 mm | 1 set | **200691** |

**OPTIONAL**
ACCESSORIES

# Primedisilk®
# TRACHEOSTOMY PLACEHOLDERS

**PRIMEDISILK®** tracheostomy placeholders provide a secondary airway by gently holding the tracheostoma open. They provide access during a bronchial toilet and are used for decannulation.

Made of soft, medical-grade silicone they ensure a very high wearing comfort and good tissue compatibility.

We offer different types of **PRIMEDISILK®** tracheostomy placeholders which should be selected according to the individual anatomical features of each patient:

**TRACHEO-SAFE**
**T-TUBUS**
**STOMA-BUTTON**

# Primedisilk®
## TRACHEO-SAFE

### Product features

- Tracheostomy placeholder following a decannulation and prior to a tracheostomy seal
- The extended semitubular form of the tracheal shank ideally adapts to the shape of the trachea
- Variably adjustable skin-colored flange ensures secure positioning in the trachea
- Optional closure plug enables respiration via the upper respiratory tract (can be opened with ease at any time for suctioning of secretion)
- Prevents shrinkage of tissue
- Enables patient to cough up the stimulus secretion very fast
- Provides an artificial airway and access for pulmonary hygiene
- High wearing comfort due to flexible and soft material
- Ensures good tissue compatibility
- Material: silicone, latex-free

### Indication

- Tracheostomy
- Patients with stable breathing who primarily breath through the upper airways
- Weaning
- Radiation/ MRI

**TRACHEO-SAFE**

### SIZE CHART:

| Length | ID | OD | PU | Article number |
|--------|------|---------|---------|------|
| 45 mm | 8 mm | 14,0 mm | 1 piece | **20895** |
| 70 mm | 8 mm | 13,8 mm | 1 piece | **20898** |

# Primedisilk®
## T-TUBUS

### Product features

- Tracheostomy placeholder for the stabilization of the trachea
- Maintains an adequate airway from larynx to mouth and nose
- Height-adjustable distancing ring ensures optimum fit and protects against dislocation
- Can be closed off, if necessary, with the sealing plug (removing the plug allows suction of tracheal secretions)
- Atraumatically shaped ends ensure easy insertion
- High wearing comfort due to flexible and soft material
- Ensures good tissue compatibility
- Material: silicone, latex-free

### Indication

- Tracheostomy
- Tracheal and subglottic stenoses and related reconstructive measures
- Tracheomalacia/ unstable trachea
- Radiation/ MRI
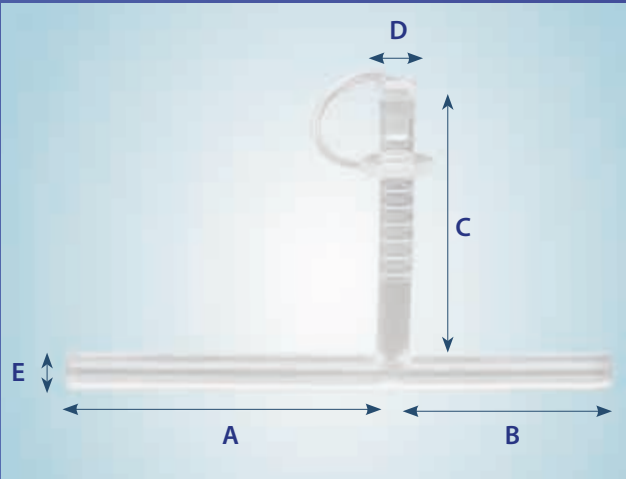


**T-TUBUS**

## SIZE CHART:

| Size | A | B | C | D (OD) | E (OD) | PU | Article number |
|------|------|------|------|------|------|------|------|
| 8 | 63 mm | 49 mm | 45 mm | 6,5 mm | 8 mm | 1 piece | **200640** |
| 9 | 75 mm | 50 mm | 63 mm | 8 mm | 9 mm | 1 piece | **200641** |
| 10 | 75 mm | 50 mm | 63 mm | 8 mm | 10 mm | 1 piece | **200642** |
| 11 | 75 mm | 50 mm | 63 mm | 9 mm | 11 mm | 1 piece | **200643** |
| 12 | 75 mm | 75 mm | 48 mm | 11 mm | 12 mm | 1 piece | **200644** |
| 13 | 100 mm | 50 mm | 63 mm | 11 mm | 13 mm | 1 piece | **200645** |
| 14 | 100 mm | 50 mm | 63 mm | 11 mm | 14 mm | 1 piece | **200646** |

# Primedisilk®
## PRIMEDIBUTTON®

### Product features

- Tracheostomy placeholder for the stabilization of the tracheostoma
- Flat unobtrusive design with ring-shaped shield
- Integrated bulge at the proximal end ensures that it is held securely in the trachea
- Prevents shrinkage of tissue
- Short, atraumatic form can be introduced with ease and reduces the associated risk of injury
- High wearing comfort due to flexible and soft material
- Ensures good tissue compatibility
- Can be closed with a finger to enable phonation
- Material: silicone, latex-free

### Indication

- Laryngectomized patients (with voice prosthesis)/ Tracheostomized patients with intact larynx
- Weaning
- Radiation/ MRI

**STOMA BUTTON
TYPE I**

### SIZE CHART:

| Size | ID | OD | Length | PU | Article number |
|------|------|------|--------|---------|--------|
| 6 | 8,0 mm | 9,5 mm | 12,5 mm | 1 piece | **200602** |
| 8 | 9,5 mm | 12,0 mm | 13,5 mm | 1 piece | **200603** |
| 9 | 10,5 mm | 13,5 mm | 14,5 mm | 1 piece | **200604** |
| 10 | 12,0 mm | 15,0 mm | 15,5 mm | 1 piece | **200605** |
| 10 (short) | 12,0 mm | 15,0 mm | 6,5 mm | 1 piece | **200606** |
| 12 | 13,5 mm | 17,0 mm | 14,5 mm | 1 piece | **200607** |

# Primedisilk®
## PRIMEDIBUTTON®

### Product features

- Tracheostomy placeholder for the stabilization of the tracheostoma
- The shield is a funnel-shaped ring which ensures effective sealing against the tracheostoma
- Integrated bulge at the proximal end ensures that it is held securely in the trachea
- Available with and without eyelets (for additional fixation with a neck strap)
- Prevents shrinkage of tissue
- Short, atraumatic form can be introduced with ease and reduces the associated risk of injury
- High wearing comfort due to flexible and soft material
- Ensures good tissue compatibility
- Can be closed with a finger to enable phonation
- Available in two lengths
- Material: silicone, latex-free

### Indication

- Laryngectomized patients (with voice prosthesis)/ Tracheostomized patients with intact larynx
- Weaning
- Radiation/ MRI

A

**STOMA BUTTON
TYPE II**

B

### SIZE CHART:

| Size | ID | OD | Length | PU | WITHOUT EYELETS (A) Article number | WITH EYELETS (B) Article number |
|------|------|------|--------|---------|-----------|-----------|
| 8 | 8,0 mm | 11,0 mm | 15,0 mm | 1 piece | 200555 | 200545 |
|   |   |   | 22,0 mm | 1 piece | 200550 | 200540 |
| 9 | 9,0 mm | 12,0 mm | 15,0 mm | 1 piece | 200556 | 200546 |
|   |   |   | 22,0 mm | 1 piece | 200551 | 200541 |
| 10 | 10,0 mm | 13,0 mm | 15,0 mm | 1 piece | 200557 | 200547 |
|   |   |   | 22,0 mm | 1 piece | 200552 | 200542 |
| 11 | 11,0 mm | 14,0 mm | 15,0 mm | 1 piece | 200558 | 200548 |
|   |   |   | 22,0 mm | 1 piece | 200553 | 200543 |
| 12 | 12,0 mm | 15,0 mm | 15,0 mm | 1 piece | 200559 | 200549 |
|   |   |   | 22,0 mm | 1 piece | 200554 | 200544 |

# Primedisilk®
## PRIMEDIBUTTON®

## Product features

- Tracheostomy placeholder for the stabilization of the tracheostoma
- The shield is a funnel-shaped housing which ensures effective sealing against the tracheostoma and features an integrated 22 mm connector
- Integrated bulge at the proximal end ensures that it is held securely in the trachea
- Available with and without eyelets (for additional fixation with a neck strap)
- Prevents shrinkage of tissue
- Short, atraumatic form can be introduced with ease and reduces the associated risk of injury
- High wearing comfort due to flexible and soft material
- Ensures good tissue compatibility
- In order to enable phonation it can either be closed with a finger or a speaking valve can be attached
- Available in two lengths
- Material: silicone, latex-free

## Indication

- Laryngectomized patients (with voice prosthesis)/ Tracheostomized patients with intact larynx
- Weaning
- Radiation/ MRI

**A**

## STOMA BUTTON
## TYPE III

**B**

## SIZE CHART:

| Size | ID | OD | Length | PU | WITHOUT EYELETS (A) Article number | WITH EYELETS (B) Article number |
|------|-----|-----|--------|----|------------------|------------------|
| 8 | 8,0 mm | 11,0 mm | 15,0 mm | 1 piece | 200575 | 200565 |
|   |        |         | 22,0 mm | 1 piece | 200570 | 200560 |
| 9 | 9,0 mm | 12,0 mm | 15,0 mm | 1 piece | 200576 | 200566 |
|   |        |         | 22,0 mm | 1 piece | 200571 | 200561 |
| 10 | 10,0 mm | 13,0 mm | 15,0 mm | 1 piece | 200577 | 200567 |
|   |        |         | 22,0 mm | 1 piece | 200572 | 200562 |
| 11 | 11,0 mm | 14,0 mm | 15,0 mm | 1 piece | 200578 | 200568 |
|   |        |         | 22,0 mm | 1 piece | 200573 | 200563 |
| 12 | 12,0 mm | 15,0 mm | 15,0 mm | 1 piece | 200579 | 200569 |
|   |        |         | 22,0 mm | 1 piece | 200574 | 200564 |

**OPTIONAL ACCESSORIES**

**PRIMEDISTRIP®** is a retaining ring in combination with a self-adhesive patch as a carrier plate.

**PRIMEDISTRIP®** is suitable for patients with a tracheostoma who, although no longer needing a tracheostomy tube, still require aids such as heat and moisture exchangers (HME) or speaking valves.

It can be secured easily and rapidly, thanks to the skin-friendly adhesive surface. It provides secure protection against the escape of secretion and air. Irritation of the skin is avoided and an optimum seal achieved as a result.

The retaining ring of a **PRIMEDISTRIP®** has an inner diameter of 22 mm and enables attachment of speaking valves (e.g. PRIMEDI RESISTANCE VALVE and PRIMEDI LOW-RESISTANCE VALVE) or heat and moisture exchangers (e.g. PRIMEDIAIR® KAS, PRIMEDIAIR® PHON or PRIMEDIAIR® LATERAL [Type C and D]).

**PRIMEDISTRIP®** stoma patches can be selected in different variants (Basic, Basic Plus, Comfort, Comfort Plus, Sensitive) to suit the individual requirements of each patient. These are available in different shapes (oval, round), materials and adhesive strengths.

## Product features

- Self-adhesive stoma patch with a 22 mm retaining ring for sealing the tracheostoma
- Enables attachment of heat and moisture exchangers or speaking vales
- Transparent
- Easy to remove
- Available in round and oval shape
- Average utilization period: 24 hours

## Indication

- Tracheostomy/ Laryngectomy
- Suitable for patients with a normal stoma and normal skin
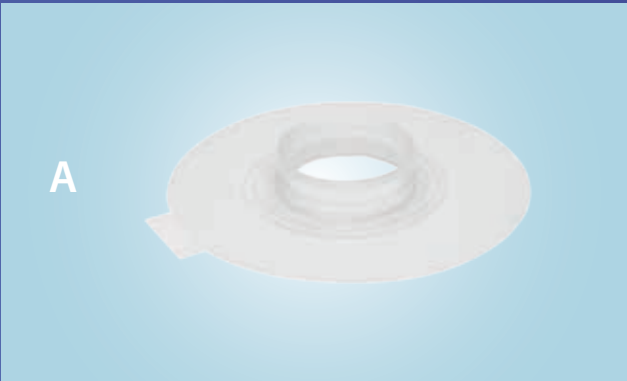
**BASIC**
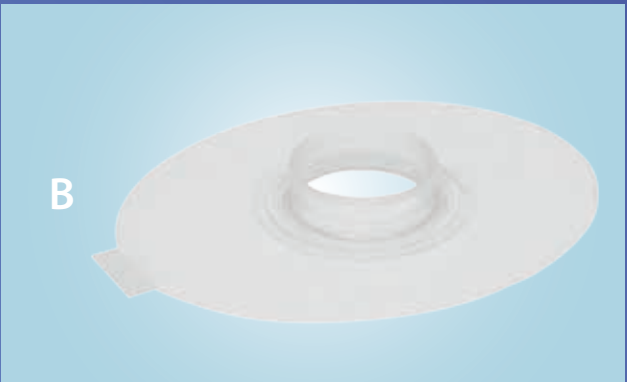
| | PU | Shape | Article number |
|---|---|---|---|
| A | 15 pieces | round | **200360** |
| B | 15 pieces | oval | **200362** |

**OPTIONAL** ACCESSORIES

## Product features

- Self-adhesive stoma patch with a 22 mm retaining ring for sealing the tracheostoma
- Enables attachment of heat and moisture exchangers or speaking vales
- Transparent
- Highly flexible
- Very strong adhesive properties
- Available in round and oval shape
- Average utilization period: 48 hours

## Indication

- Tracheostomy/ Laryngectomy
- Suitable for patients with an irregular or deep stoma
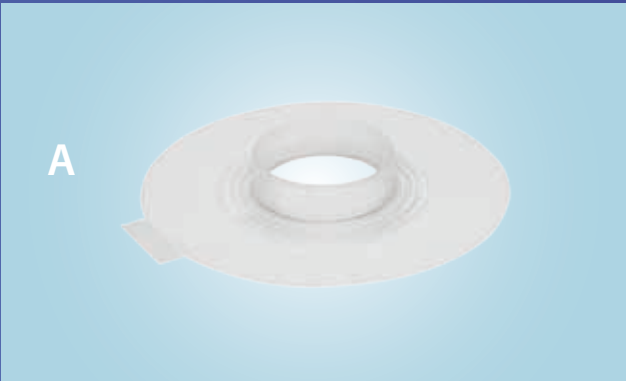
**BASIC PLUS**
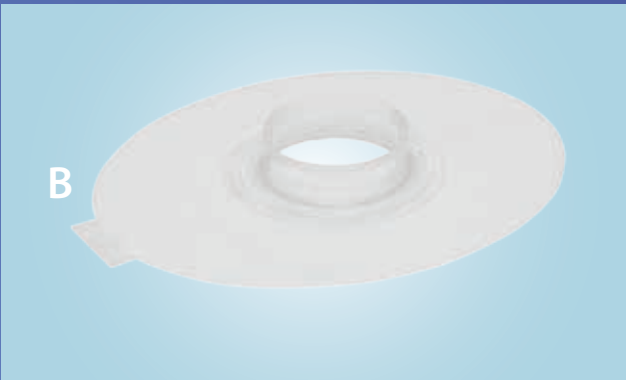
| | PU | Shape | Article number |
|---|---|---|---|
| A | 15 pieces | round | **200364** |
| B | 15 pieces | oval | **200365** |

**OPTIONAL** ACCESSORIES

## Product features

- Self-adhesive stoma patch with a 22 mm retaining ring for sealing the tracheostoma
- Enables attachment of heat and moisture exchangers or speaking vales
- Skin-friendly hydrocolloid material absorbs moisture, therby ensuring high wearing comfort
- Skin-colored
- Combines high flexibility with strong adhesive properties
- Available in round and oval shape
- Average utilization period: 36 hours

## Indication

- Tracheostomy/ Laryngectomy
- Suitable for patients with normal and sensitive skin

**A**

**COMFORT**

**B**

| | PU | Shape | Article number |
|---|---|---|---|
| A | 15 pieces | round | **200361** |
| B | 15 pieces | oval | **200363** |

**OPTIONAL** ACCESSORIES

## Product features

- Self-adhesive stoma patch with a 22 mm retaining ring for sealing the tracheostoma
- Enables attachment of heat and moisture exchangers or speaking vales
- Soft texture ensures high wearing comfort
- Skin-colored
- Highly flexible
- Strong adhesive properties
- Available in round and oval shape
- Average utilization period: 48 hours

## Indication

- Tracheostomy/ Laryngectomy
- Suitable for patients with normal and sensitive skin
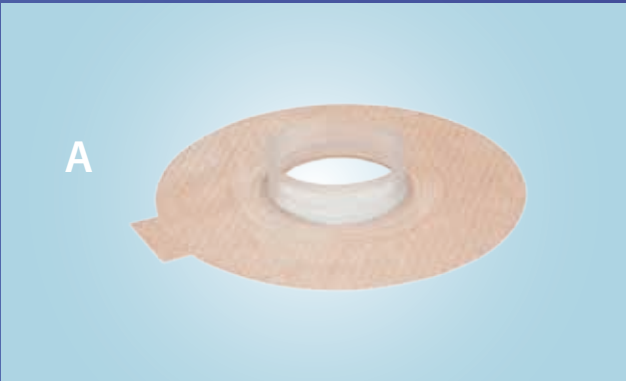
**COMFORT PLUS**
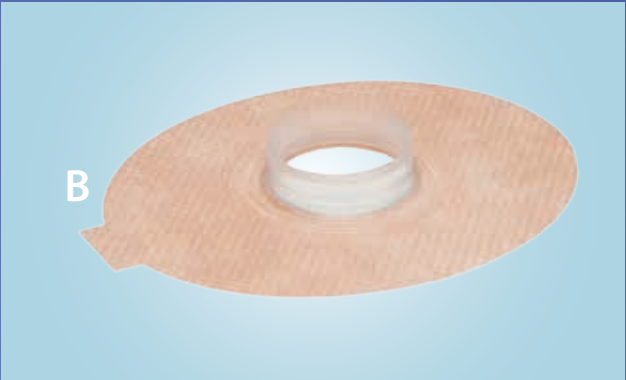
| | PU | Shape | Article number |
|---|---|---|---|
| A | 15 pieces | round | **200366** |
| B | 15 pieces | oval | **200367** |

**OPTIONAL** ACCESSORIES

## Product features

- Self-adhesive stoma patch with a 22 mm retaining ring for sealing the tracheostoma
- Made of special hypoallergenic material that avoids skin irritations and ensures high wearing comfort
- White
- Highly flexible
- Available in round and oval shape
- Average utilization period: 48 hours

## Indication

- Tracheostomy/ Laryngectomy
- Suitable for patients with normal and highly sensitive skin

**A**

**SENSITIVE**

**B**
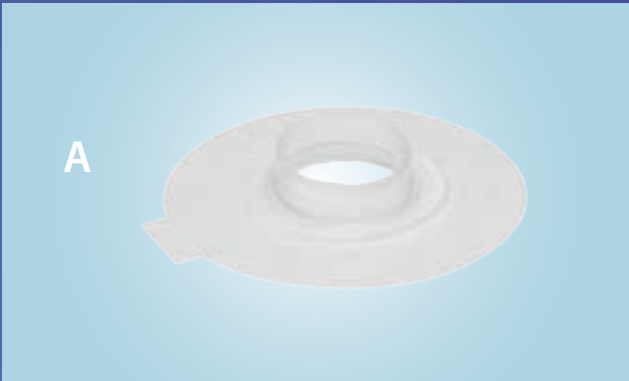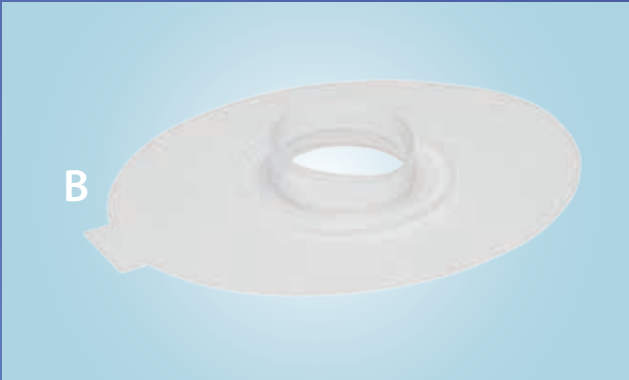
| | PU | Shape | Article number |
|---|---|---|---|
| A | 15 pieces | round | **200369** |
| B | 15 pieces | oval | **200370** |

**OPTIONAL** ACCESSORIES

## Product features

- Sealing patch of skin-coloured, biocompatible silicone used for sealing and padding between the tracheostoma and a tracheostomy tube
- Skin-friendly adhesive material enables rapid fixing without adhesives
- Highly flexible
- Natural adaptation to the musculature and tissue allows for a new quality of freedom of movement
- Due to its plano-convex shape the patch even adapts to irregular tracheostomata and seals these effectively
- Improves phonation through the high degree of sealing (making it also suitable for larygectomized patients with voice prostheses)
- Stabilizes the seat of the tracheostomy tube
- Reduces the emergence of air and secretion, thus improves secretion management
- Facilitates the setting of uniform ventilation parameters in the case of ventilated patients
- Skin-colored
- Available in three sizes, for adults and children

## Indication

- Tracheostomy/ Laryngectomy
- Suitable for patients with normal and sensitive skin
- Suitable for patients with an irregular stoma
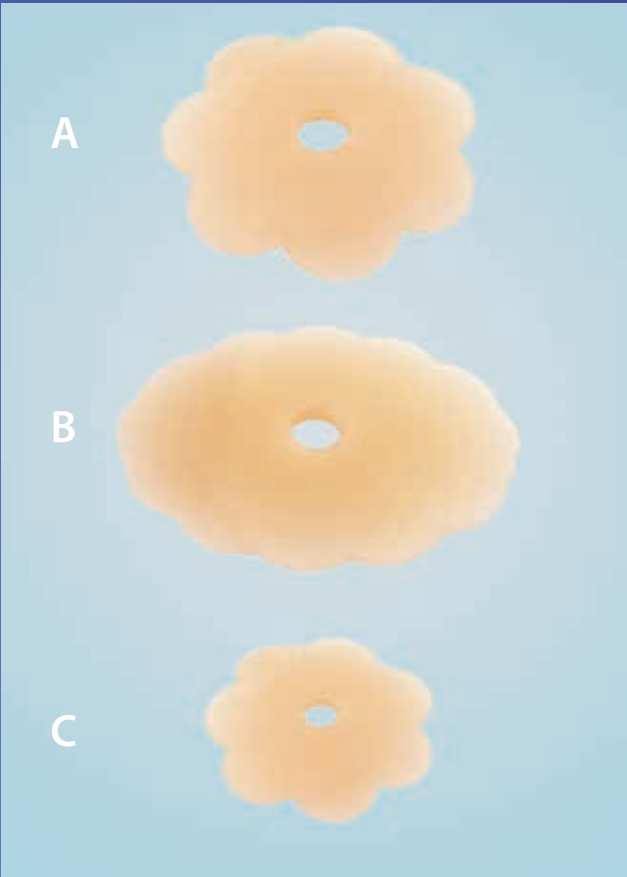
|  | PU | Shape | Article number |
|---|---|---|---|
| **PRIMED TRACHEO SEAL®** for adults, round (A) | 3 pieces | round | **200236** |
| **PRIMED TRACHEO SEAL®** for adults, oval (B) | 3 pieces | oval | **200237** |
| **PRIMED TRACHEO SEAL®** for children, round (C) | 3 pieces | round | **200238** |

# ACCESSORIES
## FOR PULMONARY
## REHABILITATION

Accessories for pulmonary rehabilitation are specially designed for the needs of patients both in hospital and rehabilitation care and receiving nursing care at home.

Patients are either completely or partially incapable of breathing via their larynx, mouth and nose following a laryngectomy or tracheostomy. This is also accompanied by a loss of function of the upper respiratory tract. The accessories specially developed for laryngectomized and tracheostomized patients take on these functions, achieving a considerable improvement in the quality of life.

In addition to **heat and moisture exchangers (HME)** which contribute to pulmonary rehabilitation through the humidification, heating and filtration of respiratory air, we also provide a large selection of **speaking valves** which are suitable for both laryngectomized patients with voice prosthesis and tracheostomized patients with an intact larynx which enable phonation. We also provide s**peaking valves with a filter function** and **respiration valves (**for ventilated tracheostomized patients).

PU  = Packaging unit
I  = Inspiration
Ex  = Expiration

## Product features

- Effective filtration, humidification and heating of inhaled air (ensures a well-functioning mucous cilia system for infection prevention)
- Low breathing resistance thanks to large surface
- With foam filter
- Standardized 15 mm opening for attachment to a tracheostomy tube or endotracheal tube with 15 mm connection
- Integrated oxygen supply port
- PRIMEDIAIR® VO2 features additionally a self-opening safety/ suction port in the lid which can be used for suctioning and in case of coughing or blockage acts as a relief valve

## Indication

- Spontaneously breathing intubated, tracheo-stomized and laryngectomized patients



**PRIMEDIAIR®-VO1**



**PRIMEDIAIR®-VO2**

|  | PU | Connector | Article number |
|---|---|---|---|
| PRIMEDIAIR®-V01 | 30 pieces | 15 mm | 21066 |
| PRIMEDIAIR®-V02 | 30 pieces | 15 mm | 21063 |

| PRIMEDIAIR®-V01/ PRIMEDIAIR®-V02 | |
|---|---|
| **Resistance at** | |
| 30 l/min | 0,08 hPa (I); 0,09 hPa (Ex) |
| 60 l/min | 0,13 hPa (I); 0,14 hPa (Ex) |
| 90 l/min | 0,16 hPa (I); 0,17 hPa (Ex) |
| **Moisture loss** | |
| Vt = 250 ml | 8,5 mg/l |
| Vt = 500 ml | 10,6 mg/l |
| Vt = 750 ml | 13,0 mg/l |
| Vt = 1000 ml | 17,0 mg/l |

## Product features

- Effective filtration, humidification and heating of inhaled air (ensures a well-functioning mucous cilia system for infection prevention)
- Low breathing resistance thanks to large surface
- With 15 mm connector for attachment to a tracheostomy tube or endotracheal tube with 15 mm connection
- Integrated oxygen supply port
- Integrated self-opening safety/ suction port in the lid which can be used for suctioning and in case of coughing or blockage acts as a relief valve
- Available with three different filter media:

  Type A  with hygroscopic foam filter
  Type B  with hygroscopic UltraFlow foam filter with extra low breathing resistance (especially suitably during physical exertion)
  Type C  with hygroscopic microwell paper

## Indication

- Spontaneously breathing intubated, tracheostomized and laryngectomized patients

**PRIMEDIAIR®-DUAL**

| | PU | Connector | Article number |
|---|---|---|---|
| **WITH FOAM FILTER (A)** | 30 pieces | 15 mm | **21065** |
| **WITH ULTRAFLOW FOAM FILTER (B)** | 30 pieces | 15 mm | **200352** |
| **WITH PAPER FILTER (C)** | 30 pieces | 15 mm | **20497** |

| | WITH FOAM FILTER (A) | WITH ULTRAFLOW-FOAM FILTER (B) | WITH PAPER FILTER (C) |
|---|---|---|---|
| **Resistance at** | | | |
| 30 l/min | 0,30 hPa (I) | 0,06 hPa (I) | 0,32 hPa (I) |
| | 0,34 hPa (Ex) | 0,08 hPa (Ex) | 0,28 hPa (Ex) |
| 60 l/min | 0,69 hPa (I) | 0,20 hPa (I) | 0,82 hPa (I) |
| | 0,78 hPa (Ex) | 0,20 hPa (Ex) | 0,68 hPa (Ex) |
| 90 l/min | 1,12 hPa (I) | 0,40 hPa (I) | 1,42 hPa (I) |
| | 1,28 hPa (Ex) | 0,35 hPa (Ex) | 1,14 hPa (Ex) |
| **Moisture loss** | | | |
| Vt = 250 ml | 9,7 mg/l | 9,41 mg/l | 12,10 mg/l |
| Vt = 500 ml | | 11,02 mg/l | 14,68 mg/l |
| Vt = 750 ml | | 12,82 mg/l | 15,91 mg/l |
| Vt = 1000 ml | | 13,30 mg/l | 17,36 mg/l |

# HEAT AND MOISTURE EXCHANGERS (HME)

### Product features

- Effective filtration, humidification and heating of inhaled air (ensures a well-functioning mucous cilia system for infection prevention)
- Special design that allows the exhaled air to pass through the side openings, thereby avoiding exposure of exhaled air to others
- Ensures an optimum air supply, even when co-vered with a cloth or tracheostoma protection
- With foam filter
- Integrated oxygen supply port
- Available in two different connection versions, with 15 mm connector (A, B) or 22 mm connec-tor (C, D)
- In addition, type B and D are equipped with an integrated self-opening safety/ suction port in the lid which can be used for suctioning and in case of coughing or blockage acts as a relief valve

### Indication

- Spontaneously breathing tracheostomized and laryngectomized patients

## PRIMEDIAIR®-LATERAL

|   | PU | Connector | Safety/ suction port | Article number |
|---|---|---|---|---|
| A | 30 pieces | 15 mm | -- | **20492** |
| B | 30 pieces | 15 mm | ✓ | **20493** |
| C | 30 pieces | 22 mm | -- | **20494** |
| D | 30 pieces | 22 mm | ✓ | **20495** |

| PRIMEDIAIR®-LATERAL (A,B,C,D) | | |
|---|---|---|
| **Resistance at** | | |
| 30 l/min | 0,6 hPa (I); | 1,1 hPa (Ex) |
| 60 l/min | 2,5 hPa (I); | 3,3 hPa (Ex) |
| 90 l/min | 5,6 hPa (I); | 6,2 hPa (Ex) |
| **Moisture loss** | | |
| Vt = 250 ml | 11,8 mg/l | |
| Vt = 500 ml | 15,6 mg/l | |
| Vt = 750 ml | 16,8 mg/l | |
| Vt = 1000 ml | 18,1 mg/l | |

## Product features

- Effective filtration, humidification and heating of inhaled air (ensures a well-functioning mucous cilia system for infection prevention)
- Through several round recesses in the lid air can be inhaled and exhaled directly from the front
- With 15 mm connector for attachment to a tracheostomy tube with 15 mm connection
- With foam filter
- PRIMEDIAIR-$O_2$ features additionally an integrated oxygen supply port

## Indication

- Spontaneously breathing tracheostomized and laryngectomized patients



**PRIMEDIAIR®-KAN**



**PRIMEDIAIR®-O2**

|  | PU | Connector | Article number |
|---|---|---|---|
| PRIMEDIAIR®-Kan | 30 pieces | 15 mm | **20485** |
| PRIMEDIAIR®-O2 | 30 pieces | 15 mm | **20486** |

| PRIMEDIAIR®-Kan/ PRIMEDIAIR®-O2 | |
|---|---|
| **Resistance at** | |
| 30 l/min | 0,6 cm $H_2O$ (hPa) |
| 60 l/min | 2,1 cm $H_2O$ (hPa) |
| 90 l/min | 4,3 cm $H_2O$ (hPa) |
| **Moisture loss** | |
| Vt = 250 ml | 10,3 mg/l |
| Vt = 500 ml | 13,5 mg/l |
| Vt = 750 ml | 16,3 mg/l |
| Vt = 1000 ml | 18,6 mg/l |

# HEAT AND MOISTURE EXCHANGERS (HME)

## Product features

- Effective filtration, humidification and heating of inhaled air (ensures a well-functioning mucous cilia system for infection prevention)
- Particularly flat and unobtrusive design
- With foam filter
- With 22 mm connector for attachment to a tracheostomy or laryngectomy tube with 22 mm connection, a stoma button (Type III) or a stoma patch (PRIMEDISTRIP®)

## Indication

- Spontaneously breathing tracheostomized and laryngectomized patients



**PRIMEDIAIR®-KAS**

|  | PU | Connector | Article number |
|---|---|---|---|
| **PRIMEDIAIR®-Kas** | 30 pieces | 22 mm | **20482** |

## Product features

- Effective filtration, humidification and heating of inhaled air (ensures a well-functioning mucous cilia system for infection prevention)
- Specially designed for the tidal volume of neonates and children
- With 15 mm connector for attachment to a tracheostomy tube with 15 mm connection
- Available in two different filter media:

  Typ A    with hygroscopic blue foam filter
  Typ B    with hygroscopic white paper filter

## Indication

- Spontaneously breathing tracheostomized neonates and children

**A**

## PRIMEDIAIR®-NATAL

**B**

| | PU | Connector | Article number |
|---|---|---|---|
| **A   With foam filter** | 30 pieces | 15 mm | **21062** |
| **B   With paper filter** | 30 pieces | 15 mm | **20496** |

| | PRIMEDIAIR®- Natal with foam filter (A) | PRIMEDIAIR®- Natal with paper filter (B) |
|---|---|---|
| **Restistance at** | | |
| 5 l/min | 0,14 hPa (I) | 0,3 hPa (I) |
| | 0,14-0,16 hPa (Ex) | 0,3 hPa (Ex) |
| **Moisture loss** | | |
| Vt =  30 ml | 10,2 mg/l | 9,7 mg/l |

## Product features

- Enables attachment of an HME to an oxygen unit
- Funnel connector can be connected to the oxygen unit;  Special connector with tube piece can be attached to the oxygen supply port of the HME
- Internal profile prevents kinking
- Ch.14; Length 200 cm
- Individually packaged, sterile
- Material: PVC, DEHP-free, latex-free

## Indication

- Patients who need an external supply of oxygen/ Hypoxia

STERILE EO

## OXYGEN CONNECTING TUBE

| | PU | Connection | Article number |
|---|---|---|---|
| **Oxygen connecting tube for HME, sterile** | 50 pieces | Funnel - Tube piece | **20796** |

Speaking valves can be divided into two different groups. There are valves for tracheostomized patients with preserved larynx and those for laryngectomized patients with voice prosthesis. There are technical and functional differences between both types of speaking valves.

<u>Speaking valves for tracheostomized patients with preserved larynx:</u>

Tracheostomized patients can use the natural respiratory tract via the mouth and nose, breathing in through the speaking valve and exhaling via the upper respiratory tract. As the speaking valve closes following inspiration, the expiration air escapes over the available larynx, thus enabling phonation.
Speaking valves suitable for this purpose include the PRIMEDI-PHON®, PRIMEDI SPEAKING VALVE, PRIMEDI-PHON PLUS®, PRIMEDI-PHON VENT® and the SILICONE SPEAKING VALVE.

These speaking valves for tracheostomized patients must not be used on laryngectomees!

<u>Speaking valves for laryngectomized patients with voice prosthesis:</u>

Laryngectomized patients with a voice prosthesis can cultivate their own compensatory voice with the aid of a special speaking valve. As these patients breathe exclusively via the tracheostoma, the speaking valve needs to remain open during the respiration process to ensure an unobstructed exchange of air.
For this reason, speaking valves for laryngectomized patients are either purposely closed with a finger to generate speech (PRIMEDIAIR®-PHON) or function with a special valve membrane which, due to the increased exhalation pressure during phonation, diverts the expiration air over the voice prosthesis, but otherwise remains open (PRIMEDI RESISTANCE VALVES).

These speaking valves can also be used by tracheostomized patients with an intact larynx.

PU   = Packaging unit

## PRIMEDI-PHON®

### Product features

- Handsfree speaking valve
- Skin-colored
- With 22 mm connector for attachment to sieved/ fenestrated PRIMEDISILK®, PRIMEDISTOM® or SILVER tubes with 22 mm connection

### Indication

- Spontaneously breathing tracheostomized patients
  (**The use on laryngectomized patients is contraindicated!**)



**PRIMEDI-PHON®**

|  | PU | Connector | Article number |
|---|---|---|---|
| **PRIMEDI-PHON®** | 1 piece | 22 mm | **200358** |



**PRIMEDI SPEAKING VALVE**

## PRIMEDI SPEAKING VALVE
### Product features

- Handsfree speaking valve
- White design
- With 15 mm connector for attachment to sieved/ fenestrated tracheostomy tubes with 15 mm connection (suitable for all tube sizes)

### Indication

- Spontaneously breathing tracheostomized patients
  (**The use on laryngectomized patients is contraindicated!**)

|  | PU | Connector | Article number |
|---|---|---|---|
| **PRIMEDI SPEAKING VALVE** | 1 piece | 15 mm | **20489** |

# SPEAKING VALVES FOR TRACHEOSTOMIZED PATIENTS

## Product features

- Handsfree speaking valve with closed basic position of the silicone membrane

- Available in two different colour schemes:

  transparent: suitable for the use in the outpatient sector and for home care, due to its unobtrusive colour scheme

  blue-transparent: designed for use with inpatients, due to its conspicuous colouring

- Available with or without integrated oxygen supply port

- <u>Suitable for the following:</u>

  Sieved/ fenestrated tracheostomy tubes

  Tracheostomy tubes with completely unblocked cuff and tracheostomy tubes without cuff

  (IMPORTANT: An adequate airflow around the tracheostomy tube must be ensured!)

- The filter cartridge contained in the scope of delivery can be optionally connected to the PRIMEDI-PHON PLUS® speaking valve for filtering inspiration air (also available separately)

## How does it work?

- **A special feature of this speaking valve is the closed basic position of the silicone membrane**

- The membrane only opens briefly during inspiration and reacts to even very weak inhalation

- Afterwards it automatically returns to the tightly sealed basic position without exhalation pressure (expiration pressure) being required (an extremely short shutting time); phonation therefore does not require any build-up of expiration pressure



**PRIMEDI-PHON PLUS®
(TRANSPARENT)**

# SPEAKING VALVES
# FOR TRACHEOSTOMIZED
# PATIENTS

- The impermeability of the PRIMEDI-PHON PLUS® speaking valve creates an air column in the tube during exhalation (in sieved tubes above the sieving) which prevents secretion from penetrating and, consequently, any relocation of the tracheostomy tube

- The expiration air is channelled completely via the larynx and upper respiratory tract

- This enables the formation of speech (phonation) and expectoration of secretions

### Indication
- Spontaneously breathing tracheostomized patients
  (**The use on laryngectomized patients is contraindicated!**)

## PRIMEDI-PHON PLUS®
## (BLUE-TRANSPARENT)

| | PU | O$_2$- port | Connector | Article number |
|---|---|---|---|---|
| **PRIMEDI-PHON® PLUS (transparent)** | 1 piece | no | 15 mm/ 22 mm | **200354** |
| **PRIMEDI-PHON® PLUS (transparent, with O$_2$-port)** | 1 piece | yes | 15 mm/ 22 mm | **200355** |
| **PRIMEDI-PHON® PLUS (blue-transparent)** | 1 piece | no | 15 mm/ 22 mm | **200356** |
| **PRIMEDI-PHON® PLUS (blue-transparent, with O$_2$-port)** | 1 piece | yes | 15 mm/ 22 mm | **200357** |
| **FILTER CARTIDGE 15/22 for PRIMEDI-PHON® PLUS** | 30 pieces | no | 15 mm | **200351** |

**INCLUDING:**

5 X FILTER CARTRIDGE 15/22

FIXATION STRAP

# SPEAKING VALVES FOR TRACHEOSTOMIZED PATIENTS

## Product features

- Handsfree speaking valve
- Made of medical grade silicone
- Operates noiselessly
- Exclusivly compatible with the fenestrated PRIMEDISTOM® inner cannula without connector size 5 to 13

## Indication

- Spontaneously breathing tracheostomized patients
  (**The use on laryngectomized patients is contraindicated!**)



**SILICONE SPEAKING VALVE**

|  | PU | Connector | Article number |
|---|---|---|---|
| **Silicone speaking valve** | 1 piece | compatible with PRIMEDISTOM® inner cannula without connector, size 5-13 | **200350** |

# SPEAKING VALVES FOR VENTILATED TRACHEOSTOMIZED PATIENTS

## Product features

- Handsfree speaking valve with closed basic position of the silicone membrane and connection for attachment to a ventilator

- Suitable for the following:

  Sieved/ fenestrated tracheostomy tubes

  Tracheostomy tubes with completely unblocked cuff and tracheostomy tubes without cuff

  (IMPORTANT: An adequate airflow around the tracheostomy tube must be ensured!)

- Can be attached to a ventilator via swivelling 15 mm connector (For setting of ventilation parameters observe instructions for use!)

- Inhalation takes place via ventilator; at the end of inspiration the silicone membrane automatically returns to the tightly sealed basic position and the expiration air is channelled completely via the larynx and upper respiratory tract, thus enabling phonation

## Indication

- Tracheostomized, ventilated patients with intact larynx (adults, children and neonates)
- Spontaneously breathing tracheostomized patients **(The use on laryngectomized patients is contraindicated!)**
- Neuromuscular disorders
- Ventilation
- Weaning



**PRIMEDI-PHON VENT® (PPV)**



| | PU | Connector | Article number |
|---|---|---|---|
| PRIMEDI-PHON® VENT | 1 piece | 15 mm/ 22 mm (near the patient) - swivelling 15 mm (near the ventilator) | **200320** |

**INCLUDING:**



15 MM TO 22 MM ADAPTER

# SPEAKING VALVES
## FOR LARYNGECTOMIZED & TRACHEOSTOMIZED PATIENTS

### Product features

- Handsfree speaking valve with silicone membrane
- Infinitely adjustable (via the integrated rotation mechanism) to the individual exhalation pressure of the patient
- Available in two different versions:
  A  PRIMEDI-RESISTANCE-VALVE with normal resistance (blue silicone membrane)
  B  PRIMEDI-LOW-RESISTANCE-VALVE with low resistanced (white silicone membrane); here only relatively little pressure is required to close it
- Air can pass unobstructed through the speaking valve during respiration. Only the increased exhalation pressure during expiration leads to closing of the silicone membrane, and exhalation air is conducted through the voice prosthesis or the larynx to generate speech
- With 22 mm connector for attachment to a tracheostomy or laryngectomy tube with 22 mm connection, a stoma button (Type III) or a stoma patch (PRIMEDISTRIP®)

### Indication

- Laryngectomized patients (with voice prosthesis)/ Tracheostomized patients with intact larynx

## PRIMEDI-RESISTANCE-VALVES

| | PU | Connector | Article number |
|---|---|---|---|
| PRIMEDI-RESISTANCE-VALVE (A) | 1 piece | 22 mm | 20481 |
| PRIMEDI-LOW-RESISTANCE-VALVE (B) | 1 piece | 22 mm | 20480 |

# SPEAKING VALVES WITH FILTER FUNCTION FOR LARYNGECTOMIZED & TRACHEOSTOMIZED PATIENTS

## Product features

- Speaking valve with filter function
- Low profile
- Discrete design: skin-coloured or transparent
- Filtration, humidification and heating of inhaled air thanks to the integrated special foam (resulting in a reduction of secretion, coughing and incrustations)
- Enables phonation merely by closing it with a finger
- With 22 mm connector for attachment to a tracheostomy or laryngectomy tube with 22 mm connection, a stoma button (Type III) or a stoma patch (PRIMEDISTRIP®)

- Available in two different filter media:

  PRIMEDIAIR®-PHON with normal foam filter

  PRIMEDIAIR®-PHON ULTRAFLOW with Ultra-Flow foam filter with a particularly low resistance to inspiration

- PRIMEDIAIR®-PHON ULTRAFLOW facilitates respiration and is particularly recommended for strenuous physical activity

## Indication

- Laryngectomized patients (with voice prosthesis)/ Tracheostomized patients with intact larynx



**PRIMEDIAIR®-PHON**



**PRIMEDIAIR®-PHON ULTRAFLOW**

|  | PU | Connector | Article number |
|---|---|---|---|
| **PRIMEDIAIR® -PHON** | 30 pieces | 22 mm | **20483** |
| **PRIMEDIAIR® -PHON ULTRAFLOW** | 30 pieces | 22 mm | **200359** |

## Product features

- BACTERIA and VIRUS FILTERS for protecting the patient as well as the ventilation unit during ventilation
- Verified retention effect of 99,999% for bacteria and viruses
- Minimize the risk of cross-infections
- Feature a built-in $CO_2$- port
- Designed for adults with a tidal volume of 300-1500 ml
- Available with and without integrated heat and moisture exchanger (HME)
- Filter with HME additionally humidifies and warms the respiratory gases
- To be positioned between an endotracheal tube or tracheostomy tube and the Y-piece of a ventilation system

## Indication

- Ventilation

  **(Do not use in combination with volatile oils and inhalation devices!)**



**WITHOUT HME**



**WITH HME**

|  | WITHOUT HME | WITH HME |
| --- | --- | --- |
| **Article number** | **21218** | **21219** |
| **Connector** | 22 mm F/ 15 mm M 22 mm M/15 mm F | 22 mm F/ 15 mm M 22 mm M/15 mm F |
| **PU** | 50 pieces | 50 pieces |
| **Compressible volume** | 45 ml | 45 ml |
| **Resistance at** | | |
| 30 l/min | 1,1 hPa (I) 1,2 hPa (Ex) | 1,4 hPa (I) 1,3 hPa (Ex) |
| 60 l/min | 2,6 hPa (I) 2,7 hPa (Ex) | 3,3 hPa (I) 3,2 hPa (Ex) |
| 90 l/min | 4,0 hPa (I) 4,3 hPa (Ex) | 5,5 hPa (I) 5,4 hPa (Ex |
| **Moisture loss** | | |
| Vt =   500 ml | | 11 mg/l |
| Vt =   750 ml | | 12 mg/l |
| Vt = 1000 ml | | 13,9 mg/l |

## Product features

- Absorb secretions from the tracheostoma quickly to avoid skin irritation
- Act as a pad between the tracheostoma and the tracheostomy tube
- They are slit and can therefore be replaced while wearing the tracheostomy tube
- Available in a variety of materials and absorption strengths:

  Nonwoven compresses made of lint-free, skin-friendly material are available in one-layer (A) and two-layer (B) variants (sterile or non sterile)

  Compresses coated on one side with aluminium prevent adherence with wound secretion on the skin (C)

  Moreover, high-quality tracheal compresses made of special polyurethane foam (PU) are also available which are particularly well tolerated by the skin and can absorb 20 times their own weight in liquid (D, E, F).
  These PU compresses are available in a variety of designs and sizes, including in smaller format for children (F)

## Indication

- Tracheostomy/ Laryngectomy

|   |   | PU | Article number |
|---|---|----|----------------|
| A | Tracheal compress, one-layer, 9 x 10 cm (slit, with push-through opening), individually packaged, sterile | 10 pieces | **200230** |
| A | Tracheal compress, one-layer, 9 x 10 cm (slit, with push-through opening), non sterile | 10 pieces | **200212** |
| B | Tracheal compress, two-layer, 9 x 10 cm (slit, with push-through opening), individually packaged, sterile | 10 pieces | **200231** |
| B | Tracheal compress, two-layer, 9 x 10 cm (slit, with push-through opening), non sterile | 10 pieces | **200213** |
| C | Tracheal compress, aluminium-coated, 8 x 9 cm (slit, with push-through opening), individually packaged, sterile | 10 pieces | **200233** |
| D | Special compress, PU-foam, (slit. with push-through opening), individually packaged, sterile | 10 pieces | **21858** |
| E | Tracheal compress, PU-foam, 9,6 x 10 cm (slit. with push-through opening), individually packaged, sterile | 10 pieces | **21840** |
| F | Tracheal compress for children, PU-foam, 6,5 x 6,5 cm, (slit. with push-through opening), individually packaged, sterile | 10 pieces | **200234** |

## Product features
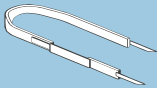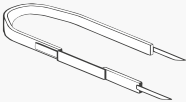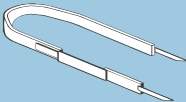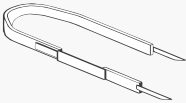
- For securely holding a tracheostomy tube, a laryngectomy tube or a Stoma button with eyelets in place

- Provide an optimum wearing comfort, as they are made of soft, skin-compatible material (soft fabric, foam, Polyurethan (PU))

- Available in different widths and with different fasteners (hook and slide (narrow and wide), velcro fastener, velcro/ hook)

- Individually adjustable

- Variants for adults and children

- PRIMEDIFIX® with hook enables fast fixation to the eyelets of a tube flange or Stoma Button (A-E)

- PRIMEDIFIX® with velcro fastener is especially suitable for sensitive skin (F-I)
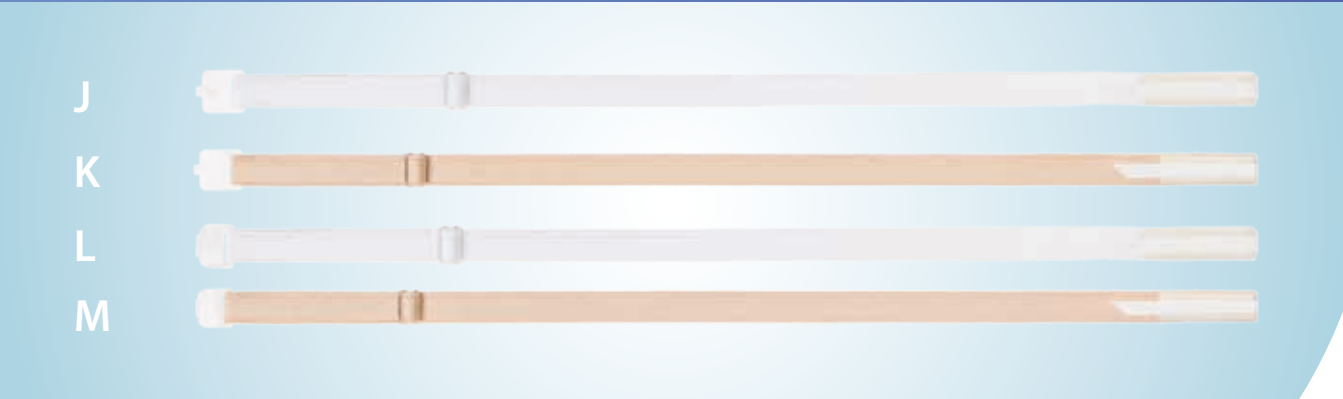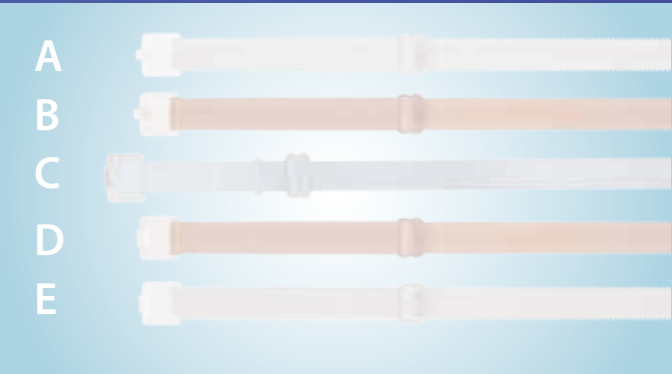






- EASYFIX® with Velcro fastener on one side and a hook on the other enables even motor impaired patients (e.g. after a stroke) to easily fix the neck strap to a tube or stoma button, even with just one hand (J-M)

## Indication

- Tracheostomy/ Laryngectomy
- Radiation/ MRI

| | PU | Article number |
|---|---|---|
| A PRIMEDIFIX® neck strap, 1-piece, white, with narrow hook, width = 12 mm, length = 26-47 cm, non sterile | 10 pieces | **200229** |
| B PRIMEDIFIX® neck strap, 1-piece, skin-colored, with narrow hook, width = 12 mm, length= 26-47 cm, non sterile | 10 pieces | **200227** |
| C PRIMEDIFIX® neck strap, 1-piece, transparent, with wide hook, Polyurethan (PU), width = 10 mm, length = 27-50 cm, non sterile | 10 pieces | **200219** |
| D PRIMEDIFIX® neck strap, 1-piece, skin-colored, with wide hook, width = 12 mm, length= 26-47 cm, non sterile | 10 pieces | **200226** |
| E PRIMEDIFIX® neck strap, 1-piece, white, with wide hook, width = 12 mm, length= 26-47 cm, non sterile | 10 pieces | **200228** |
| F PRIMEDIFIX® neck strap for children, 2-part, white, with velcro fastener width = 20 mm, length = 24 cm, non sterile | 10 pieces | **200203** |
| G PRIMEDIFIX® neck strap, 2-part, white, with velcro fastener width = 24 mm, length = 47 cm, non sterile | 10 pieces | **200211** |
| H PRIMEDIFIX® neck strap, 2-part, white, with velcro fastener width = 16 mm, length = 45,5 cm, sterile | 10 pieces | **21451** |
| I PRIMEDIFIX® neck strap, 2-part, white, with velcro fastener, width = 26 mm, length = 45,5 cm, sterile | 10 pieces | **21450** |
| J EASYIFIX® neck strap, 1-piece, skin-colored, with wide hook and velcro fastener, width = 12 mm, length = 26-47 cm, non sterile | 10 pieces | **200216** |
| K EASYIFIX® neck strap, 1-piece, white, with wide hook and velcro fastener, width = 12 mm, length = 26-47 cm, non sterile | 10 pieces | **200217** |
| L EASYFIX® neck strap, 1-piece, skin-colored, with narrow hook and velcro fastener, width = 12 mm, length = 26-47 cm, non sterile | 10 pieces | **200214** |
| M EASYFIX® neck strap, 1-piece, white, with narrow hook and velcro fastener, width = 12 mm, length = 26-47 cm, non sterile | 10 pieces | **200215** |

## COUGH CAP

### Product features

- Bypasses the patient's exhaled air while coughing in order to avoid direct expectoration
- Provides a broad opening to ensure a good airflow
- Can easily be attached to a 15 mm connector of a tracheostomy tube

### Indication

- Tracheostomy

| | | PU | Article number |
|---|---|---|---|
| A | Cough cap | 1 piece | **102081** |

## SHOWER CAP

### Product features

- Due to downward opening it protects the tracheostomy tube from incoming liquids while showering
- Ensures good air supply
- Allows for attachment to a 15 mm connector of a tracheostomy tube

### Indication

- Tracheostomy
  (**Not to be used for bathing or swimming!**)

| | | PU | Article number |
|---|---|---|---|
| B | Shower cap | 1 piece | **102080** |



**COUGH CAP**      **SHOWER CAP**



**SHOWER GUARD**

## SHOWER GUARD

### Product features

- Covers the whole stoma while showering
- Ensures good tissue compatibility (made of soft medical-grade silicone)
- Adjustable length
- Integrated struts stabilize the cover
- With protective edge which fits seamlessly to the skin
- The openings for breathing are located in the lower area of the device which also avoids the ingress of liquids

### Indication

- Tracheostomy/ Laryngectomy
  (**Not to be used for bathing or swimming!**)

| | | PU | Article number |
|---|---|---|---|
| C | Shower guard | 1 piece | **102085** |

# ACCESSORIES FOR SUCTIONING

## SUCTION CATHETER

### Product features

- For secretion suctioning in the trachea, mouth and nose
- Made of a particularly soft and flexible material
- With straight atraumatic tip which is ideal for suctioning in the sensitive trachea
- Two lateral eyes at the catheter tip prevent the catheter from adhering to the inside of the trachea

### Indication

- Tracheostomy/ Laryngectomy

**SUCTION CATHETER**

| SUCTION CATHETER | | PU | Article number |
|---|---|---|---|
| A | **Suction catheter Ch. 10, Length = 250 mm, sterile** | 100 pieces | **20487** |
| B | **Suction catheter Ch. 16, Length = 250 mm, sterile** | 100 pieces | **20488** |

## TRACHEAL SUCTION SET

### Product features

- Complete set for tracheal suctioning
- Supplied with an extra sealing cap and an extra label for patient information
- Available with or without vacuum control

### Indication

- Tracheostomy/ Laryngectomy

**TRACHEAL SUCTION SET**

| TRACHEAL SUCTION SET | | PU | Article number |
|---|---|---|---|
| without picture | **TRACHEAL SUCTION SET, without vacuum control, sterile** | 60 pieces | **21214** |
| C | **TRACHEAL SUCTION SET with vacuum control, sterile** | 60 pieces | **21215** |

# ACCESSORIES FOR CLEANING

## PRIMEDICLEAN®

### Product features

- Highly effective product for cleaning and disinfecting tracheostomy tubes
- Comes in a 250ml bottle.

### Indication

- Suitable for medical-grade polymer and silver tracheostomy tubes



**PRIMEDICLEAN®**

|  | PU | Article number |
|---|---|---|
| **PRIMEDICLEAN® (250 ml)** | 1 bottle | **70810** |

## CLEANING BRUSHES



## CLEANING BRUSHES

### Product features

- For  gentle  and effective cleaning of tracheostomy tubes
- Feature an extremely flexible wire netting and have sturdy yet soft nylon bristles
- Wool tip avoids damaging and scratching of the the tube
- Flexible form allows for Individual adjustment
- With plastic grip for safe handling

### Indication

- Tracheostomy/ Laryngectomy

| Size | suitable for tubes with an inside diameter of | PU | Article number |
|---|---|---|---|
| 6 | 5-7 mm | 5 pieces | **200220** |
| 8 | 8-9 mm | 5 pieces | **200221** |
| 10 | 10-11 mm | 5 pieces | **200222** |
| 12 | 12-13 mm | 5 pieces | **200223** |
| 14 | 14-15 mm | 5 pieces | **200224** |

## LUBRICANT GEL

### Product features

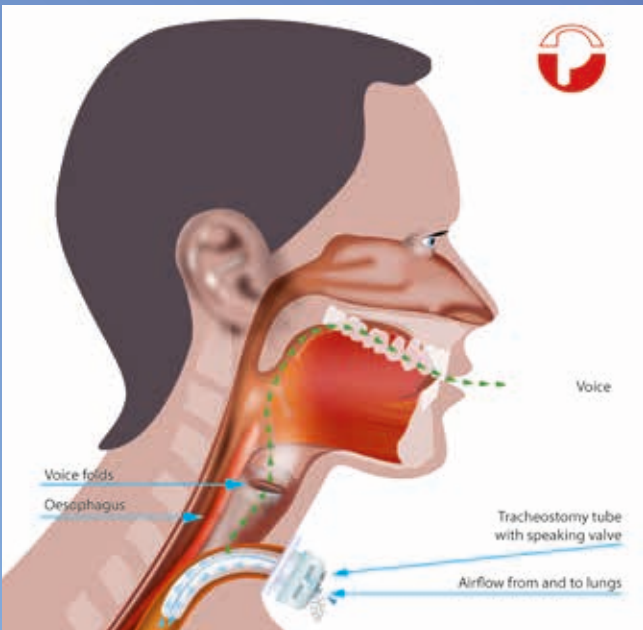- OPTILUBE is a sterile lubricant gel which enables an easy insertion of tracheostomy tubes and stoma buttons



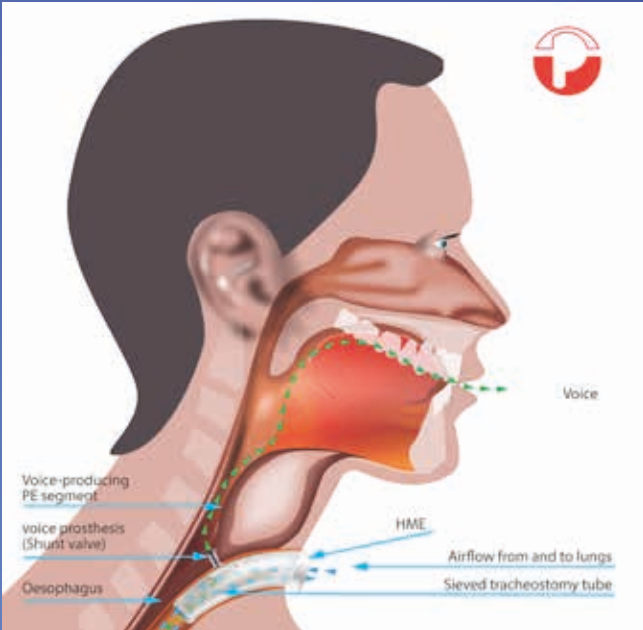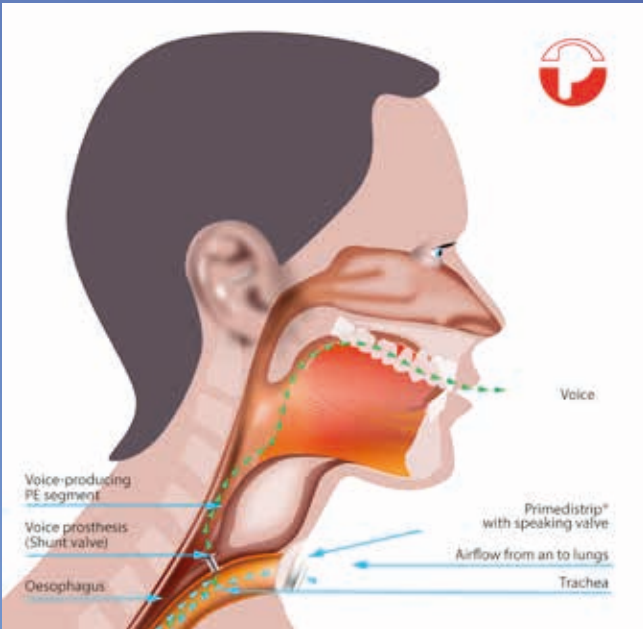| | PU | Article number |
|---|---|---|
| Optilube (5 g) | 50 pieces | **70295** |
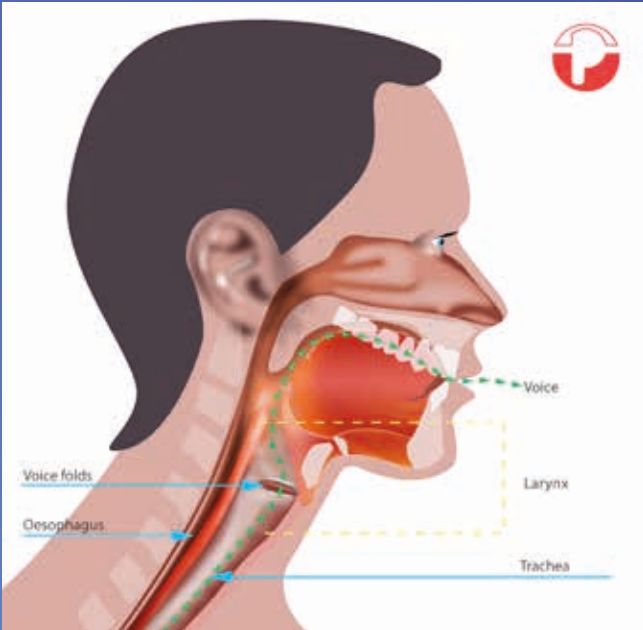
Before Laryngectomy/Tracheostomy
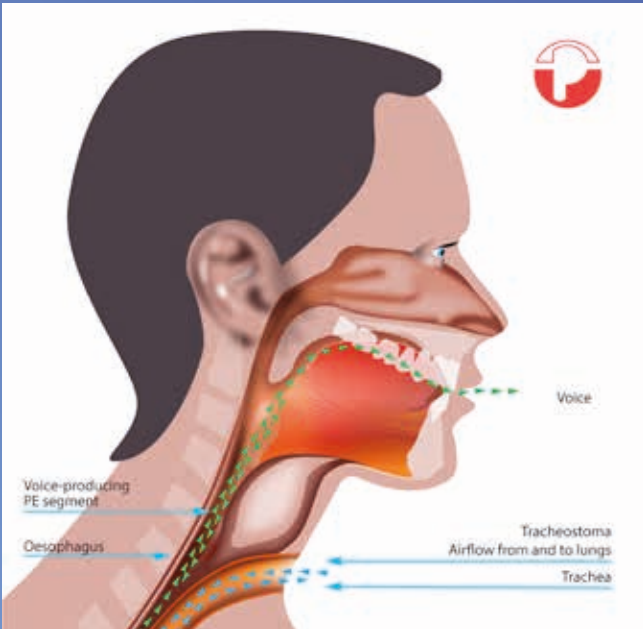


After Laryngectomy



After Tracheostomy
(sieved tracheostomy tube with speaking valve)

After Laryngectomy with voice prosthesis
(sieved tracheostomy tube with HME)



After Laryngectomy with voice prosthesis
(Primedistrip® with speaking valve)



After Laryngectomy
(with electronic speech aid)

# Pictograms

SPEAK — With speaking option

CUFF — With low-pressure cuff

SUCTION — With subglottic suction function

STERILE | EO — Sterilization with ethylene oxide

## MANUFACTURER

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