

IDEAL FOR
SHORT-
TO MEDIUM-
TERM
ANAESTHESIA
OR
VENTILATION

Anaesthesia Tracheal Tubes



tyco

Healthcare

MALLINCKRODT

Common Features

Clear tube material

- Allows visualisation of condensed exhaled air indicating tracheal intubation.

Thermosensitive material

- Clear thermosensitive material softens at body temperature to follow the natural airway profile and minimises the possibility of damage to the delicate tracheal mucosa.

Thin walled tube

- Ensures the largest internal diameter in comparison to the external diameter. This allows a wider choice of tube size without compromising the airflow resistance.

Atraumatic tip

- Reduces the risk of tracheal wall damage during intubation.

Pilot balloon with self-sealing valve

- Inflation line with self-sealing valve and pilot balloon on all cuffed tubes.

Magill shaped body

- Magill body curvature through to the distal tip conforming to relevant ISO & EN criteria.

Radiopaque line

- Tip-To-Tip™ radiopaque line allows location and verification of the tube position by x-ray.

15 mm connector

- Standard connector for secure connection to the breathing system and an internal tapered shoulder facilitates easy passage of suction catheters. The tracheal tube size is marked on the connector.

Sterile packed - for single use only

- Reduces the risk of cross-infection.

Latex free*

- All Mallinckrodt tracheal tubes, described in this catalogue, are made of Latex free material.

CE Approved

- All Mallinckrodt tracheal tubes are CE approved in accordance with Council Directive 93/94/EEC of 14th June, 1993.

Tracheal tube length

- The nominal length (± 10 mm) specified for the tracheal tubes includes the 15 mm connector.

* Except for products with the Lanz™ System.

Brandt™ System

Limits the rise in intra-cuff pressure caused by diffusion of nitrous oxide into the tracheal tube cuff during general anaesthesia.



Brandt™ System

Extensive clinical studies have shown that during general anaesthesia, nitrous oxide diffuses into any air-filled tracheal tube cuff. This diffusion can cause a significant increase in cuff to tracheal wall pressure in as little as 15 minutes, which could result in damage to the delicate tracheal epithelium, tracheal wall or lead to other complications.

The patented Brandt™ System has been developed specifically to overcome, in a very simple and cost-effective way, the problems associated with nitrous oxide diffusion.

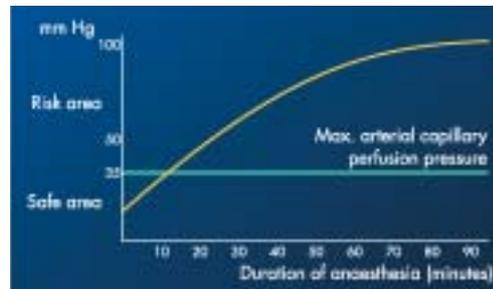
Features and benefits:

- The Brandt™ System (pilot balloon) allows rediffusion of nitrous oxide, which helps to maintain a low pressure cuff seal of the tracheal tube.
- The Brandt™ System is available with the Hi-Contour™, RAE™ Oral, RAE™ Nasal and Safety-Flex™ tracheal tubes.

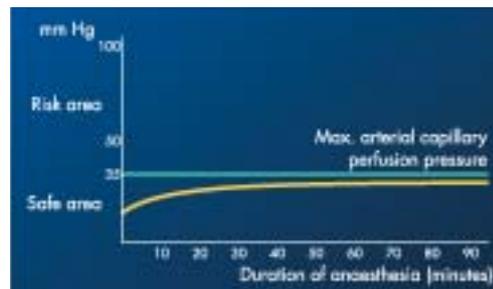
The Brandt™ System is featured in the video 'Intubation', available from Tyco Healthcare.

Scientific articles referring to 'Nitrous Oxide Diffusion' and 'The Brandt™ System' are available on request.

For further explanation of the pressure-regulating Brandt™ System please contact your Tyco Healthcare representative or distributor.



Increase in intra-cuff pressure during nitrous oxide anaesthesia, using a conventional tracheal tube, without manual correction of cuff pressure.



Minimal increase in intra-cuff pressure during nitrous oxide anaesthesia, using a Brandt™ System product. Manual correction of cuff pressure is unnecessary.

Hi-Contour™

Hi-Contour™ with Brandt™ System

Tracheal tube for short- and medium-term ventilation.



Hi-Contour™ low pressure cuff



Hi-Contour™ with Brandt™ System

Features and benefits:

- Hi-Contour™ low pressure cuff helps to ensure an efficient low pressure cuff seal.
- Large resting diameter cuff helps to maintain a proper seal during trachea expansion and contraction.
- Thin-walled and flexible cuff to assist intubation and reduce the risk of tracheal damage.
- Murphy eye incorporated as an additional safety feature.
- Suitable for both oral and nasal intubation.

Hi-Contour™ is also available with the Brandt™ System, a valve which allows redifusion of nitrous oxide and maintains a low pressure cuff seal. For a detailed description, please refer to the page 'Brandt™ System'.

For uncuffed versions, please refer to the Neonatal/Paediatric Tracheal Tube Brochure.

Ordering information:

REF	REF Brandt	I.D. (mm)	O.D. (mm)	Cuff Resting Diameter (mm)	Length incl. Connector (mm)
107-30	-	3.0	4.3	6	190
107-35	-	3.5	4.9	7	213
107-40	-	4.0	5.6	8	232
107-45	-	4.5	6.2	11	253
107-50	123-50	5.0	6.9	18	274
107-55	123-55	5.5	7.5	21	304
107-60	123-60	6.0	8.2	22	317
107-65	123-65	6.5	8.8	23	327
107-70	123-70	7.0	9.6	25	339
107-75	123-75	7.5	10.2	26	350
107-80	123-80	8.0	10.9	30	360
107-85	123-85	8.5	11.5	32	370
107-90	123-90	9.0	12.1	33	375
107-95	123-95	9.5	12.8	33	375
107-10	123-10	10.0	13.5	34	375

Carton Quantity: 10

All tubes are delivered sterile packed, for single use only.

Lo-Contour™

Lo-Contour™ with Murphy Eye

Lo-Contour™ Oral Version

Tracheal tube for short-term intubation



Lo-Contour™

Features and benefits:

- Lo-Contour™ low pressure cuffs helps to ensure efficient low pressure cuff seal.
- Thin-walled and flexible cuff to assist intubation reduce the risk of tracheal damage.
- Low profile shape of the cuff is ideally suited for nasal intubation and allows for easier visualisation of the vocal cords.
- Lo-Contour™ and Lo-Contour™ Murphy are suitable for both oral and nasal intubation.
- Lo-Contour™ Oral allows shorter cropping of the tube.



Low pressure cuff

Ordering information:

REF	REF with Murphy Eye	REF Oral Version	I.D. (mm)	O.D. (mm)	Cuff Resting Diameter (mm)	Length incl. Connector (mm)
300-30	301-30	-	3.0	4.3	6	190
300-35	-	-	3.5	4.9	7	213
300-40	301-40	-	4.0	5.6	8	232
300-45	301-45	-	4.5	6.2	11	253
300-50	301-50	302-50	5.0	6.9	18	274
300-55	301-55	302-55	5.5	7.5	21	304
300-60	301-60	302-60	6.0	8.2	22	317
300-65	301-65	302-65	6.5	8.8	23	327
300-70	301-70	302-70	7.0	9.6	25	339
300-75	301-75	302-75	7.5	10.2	26	350
300-80	301-80	302-80	8.0	10.9	30	360
300-85	301-85	302-85	8.5	11.5	32	370
300-90	301-90	302-90	9.0	12.1	33	375
300-95	301-95	302-95	9.5	12.8	33	375
300-10	301-10	302-10	10.0	13.5	34	375

Carton Quantity: 10

All tubes are delivered sterile packed, for single use only.

Satin-Soft Lo-Contour™

Tracheal tube for short- and medium-term intubation



Lo-Contour™ low pressure cuff



Satin-Soft Lo-Contour™

Features and benefits:

- Extremely soft tube material helps reduce damage to delicate nasal mucosa.
- Softness at room temperature aids gentle intubation.
- Semi-transparent tubes allow direct visualisation of exhaled air (condensation).
- Specially moulded hooded tip assists nasal intubation and provides highest patient safety and comfort.
- Lo-Contour™ low pressure cuff helps to ensure an efficient low pressure cuff seal.
- Thin-walled and flexible cuff to assist intubation and reduce the risk of tracheal damage.
- Low profile shape of the cuff is ideally suited for nasal intubation and allows for easier visualisation of the vocal cords.

Ordering information:

REF	I.D. (mm)	O.D. (mm)	Cuff Resting Diameter (mm)	Length incl. Connector (mm)
402-50	5.0	6.9	18	274
402-55	5.5	7.5	21	304
402-60	6.0	8.2	22	317
402-65	6.5	8.8	23	327
402-70	7.0	9.6	25	339
402-75	7.5	10.2	26	350
402-80	8.0	10.9	30	360
402-85	8.5	11.5	32	370
402-90	9.0	12.1	33	375
402-95	9.5	12.8	33	375
402-10	10.0	13.5	34	375

Carton Quantity: 10

All tubes are delivered sterile packed, for single use only.

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Tracheal Tube Accessories

High quality accessories enhance optimal product use as well as patient safety and comfort.



Satin Slip™

Satin Slip™ Surface Intubation Stylet

Features and benefits:

- Malleable aluminium with a plastic sheath assists in tracheal intubation under difficult circumstances.
- Soft distal tip to reduce the possibility of tracheal wall damage.
- Satin Slip™ surface for easier introduction and removal of the stylet.
- Packed clean, for single use only.

Ordering information:

REF	Recommended Tube I.D. (mm)	Length (mm)
Satin Slip		
116-06	2.5 to 4.5	280
116-10	4.0 to 6.0	350
116-14	>5.0	350

Carton Quantity: 10



Tracheal Tube Restraint

Tracheal Tube Restraint

Features and benefits:

- Stabilises orally intubated tracheal tubes without adhesive tape.
- One size fits all tracheal tubes.
- Made from Velfoam to reduce skin irritation.
- Laminated with Velcro® for easy and rapid adjustment.
- Packed clean, for single use only.

Ordering information:

REF	Length (mm)
Tracheal Tube Restraint	
330	700

Carton Quantity: 25

* Velcro® is a registered trademark of Velcro Inc., USA

Tracheal Tube Accessories

High quality accessories enhance optimal product use as well as patient safety and comfort.



RADSC™

RADSC™ Right Angled Double Swivel Connector

Features and benefits:

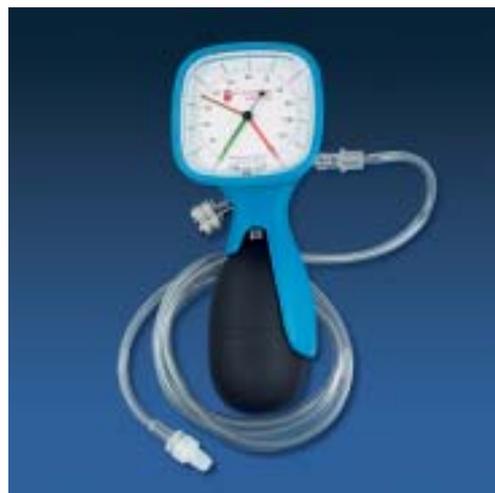
- Lightweight free-moving connector with two swivel joints. Reduces the risk of trauma and/or tube displacement by minimising the pull and torque on the tracheal or tracheostomy tube.
- Small removable cap allows suctioning and bronchoscopy and minimises air leakage.

Ordering information:

REF
RADSC

104-13

Carton Quantity: 10



Hand Pressure Gauge

Hi-Lo™ Hand Pressure Gauge

Features and benefits:

- Convenient, ergonomic design
- Calibrated in cm H₂O
- Fitted with clip attachment for storage and quick access.
- Each unit is supplied with a detachable, long flexible connecting tube.
- An extension tube is also available, separately packed, ready for use.

Ordering information:

REF	Description	Carton Quantity
109-01	Hi-Lo Hand Pressure Gauge	1
109-05	Connecting Tube	10

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