



Solutions for all your airway needs

McGRATH™ MAC video laryngoscope,
Shiley™ endotracheal tubes,
Shiley™ tracheostomy tubes, and
airway accessories product catalog

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Medtronic

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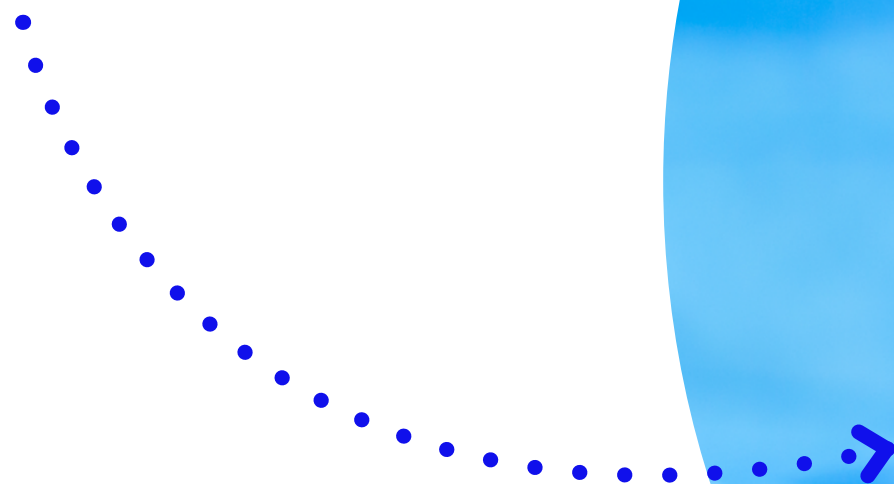
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Airway access solutions



Designed for routine use

McGRATH™ MAC Video Laryngoscope

One system

In routine use, The McGRATH™ MAC device offers significant direct or indirect cost savings compared to DL and other VL devices.^{1,2} With five sterile, disposable blade size options to support pediatric to adult patients, routine and difficult airways, it's ready when you are.

Technical specifications

McGRATH™ MAC handle	
Size	180 x 68 x 110 mm
Weight	180 g
Power	3.6v lithium battery pack (c. 250 minutes) with auto shutoff
Light source	High-intensity LED
Display	2.5 in. LCD color display
Camera	CMOS
Materials	Durable medical-grade thermoplastics composite with structural alloy core
Warranty	36 months

McGRATH™ MAC disposable blades	
Material	Fog-free, medical-grade optical polymer
Packaging	Packaged sterile for single use

Ordering information

CFN	Description	Quantity
301-000-000	Handle	1
350-072-000	McGRATH™ MAC blade size 1	50/box
350-017-000	McGRATH™ MAC blade size 2	50/box
350-005-000	McGRATH™ MAC blade size 3	50/box
350-013-000	McGRATH™ MAC blade size 4	50/box
X3-003-000	McGRATH™ MAC X blade size 3	10/box
340-000-000	Battery pack, 250-minute	1
300-000-100	Carry case	1



Helping reduce the tracheal impact of intubation.^{3,4}

Shiley™ Oral/Nasal Endotracheal Tube with TaperGuard™ Cuff and Optional Preloaded Stylet

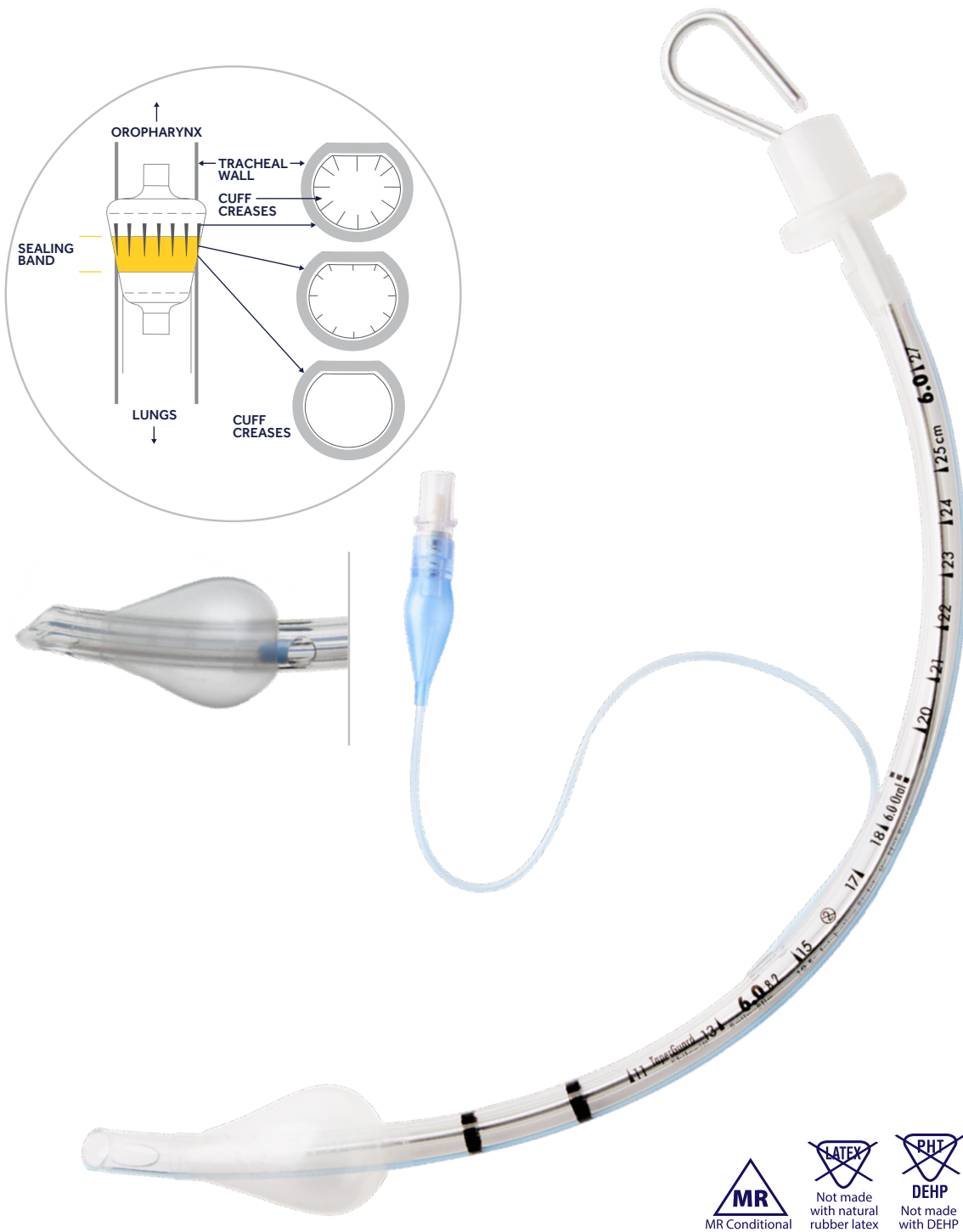
Features and benefits

- Taper-shaped cuff
- Depth marks above the cuff
- Hooded tip with Murphy eye
- Suitable for oral and nasal intubation
- Tip-to-tip X-ray line
- Available with or without preloaded intubation stylet

Ordering information

CFN	CFN with stylet	I.D. (mm)	O.D. (mm)	Length (mm)	Cuff Ø (mm)
18750	18750S	5.0	6.9	240	17.4
18755	18755S	5.5	7.5	270	17.4
18760	18760S	6.0	8.2	280	20.6
18765	18765S	6.5	8.9	290	20.6
18770	18770S	7.0	9.5	300	25.4
18775	18775S	7.5	10.2	310	25.4
18780	18780S	8.0	10.8	320	25.4
18785	18785S	8.5	11.4	330	28.6
18790	18790S	9.0	12.1	335	28.6
18795	18795S	9.5	12.8	335	28.6
18710	18710S	10.0	13.5	335	28.6

Carton quantity: 10
All tubes are delivered sterile packed, for single use only.



More accurate placement for smaller airways^{5,6}

Shiley™ pediatric oral/nasal endotracheal tube with TaperGuard™ cuff

The Shiley™ oral/nasal endotracheal tube (ETT) with TaperGuard™ cuff technology is specifically designed for smaller patients. By addressing the margin of safety within the trachea of developing anatomies, it minimizes the risk of airway damage.^{5,6}

Features include:

- Removal of the Murphy eye, which allows the cuff to be placed closer to the ETT tip⁷
- A shortened† taper-shaped, thin-walled, low-pressure TaperGuard™ cuff
- Anatomically based print rings to help place the ETT more accurately^{8,9}

These features help:

- Ensure the cuff is more reliably positioned within the trachea^{5,6}
- Reduce the risk of endobronchial intubation^{7,8}

Ordering information

CFN to order	CFN on packaging	I.D. (mm)	O.D. (mm)	Length (mm)	Cuff Ø (mm)
86125-RI	86125	2.5	3.8	140	8.0
86130-RI	86130	3.0	4.4	160	9.1
86135-RI	86135	3.5	5.0	180	10.1
86140-RI	86140	4.0	5.7	200	11.5
86145-RI	86145	4.5	6.3	220	12.3
86150-RI	86150	5.0	6.9	240	14.2
86155-RI	86155	5.5	7.5	270	15.6
86160-RI	86160	6.0	8.2	280	17.2

Carton quantity: 10; all tubes are delivered sterile packed, for single use only.

†Compared to the adult version of the TaperGuard™ cuff



Established. Efficient.

Shiley™ Oral/Nasal ETT with Intermediate Cuff

Features and benefits

- High-volume, low-pressure cuff (measures from 3.0 to 4.5, from 5.0 to 10.0)
- Low profile cuff (pediatric measures)
- Thin-walled, flexible cuff
- Depth marks above the cuff
- Tip-to-tip X-ray line
- Hooded tip with Murphy eye
- Suitable for both oral and nasal intubation

Ordering information

	CFN	I.D. (mm)	O.D. (mm)	Cuff Ø (mm)
Pediatric	87430	3.0	4.4	8
	87435	3.5	5.0	10
	87440	4.0	5.7	10
	87445	4.5	6.3	13
	87450	5.0	6.9	22
	87455	5.5	7.5	25
	87460	6.0	8.2	21
	87465	6.5	8.9	24
	87470	7.0	9.5	27
	87475	7.5	10.2	27
	87480	8.0	10.8	29
	87485	8.5	11.4	31
	87490	9.0	12.1	32
	87495	9.5	12.8	32
	87410	10.0	13.5	32

Carton quantity: 10
All tubes are delivered sterile packed, for single use only.



Cuffless for your smaller patients

Shiley™ Oral/Nasal Endotracheal Tube, Cuffless

Features and benefits

- Distal tip reference marks and depth marks every centimeter to assist placement
- Is suitable for both oral and nasal intubation
- Hooded tip with Murphy eye
- Full Magill curve

Ordering information

	CFN	I.D. (mm)	O.D. (mm)	Length (mm)
Pediatric	86232	2.0	2.9	130
	86233	2.5	3.6	140
	86234	3.0	4.2	160
	86235	3.5	4.9	180
	86236	4.0	5.5	200
	86237	4.5	6.2	220
	86238	5.0	6.8	240
	86239	5.5	7.5	270
	86240	6.0	8.2	280
	86241	6.5	8.8	290
	86242	7.0	9.5	300

Carton quantity: 10
 All tubes are delivered sterile packed, for single use only.



Integrated evac technology

Shiley™ Evac Oral Endotracheal Tube with TaperGuard™ Cuff

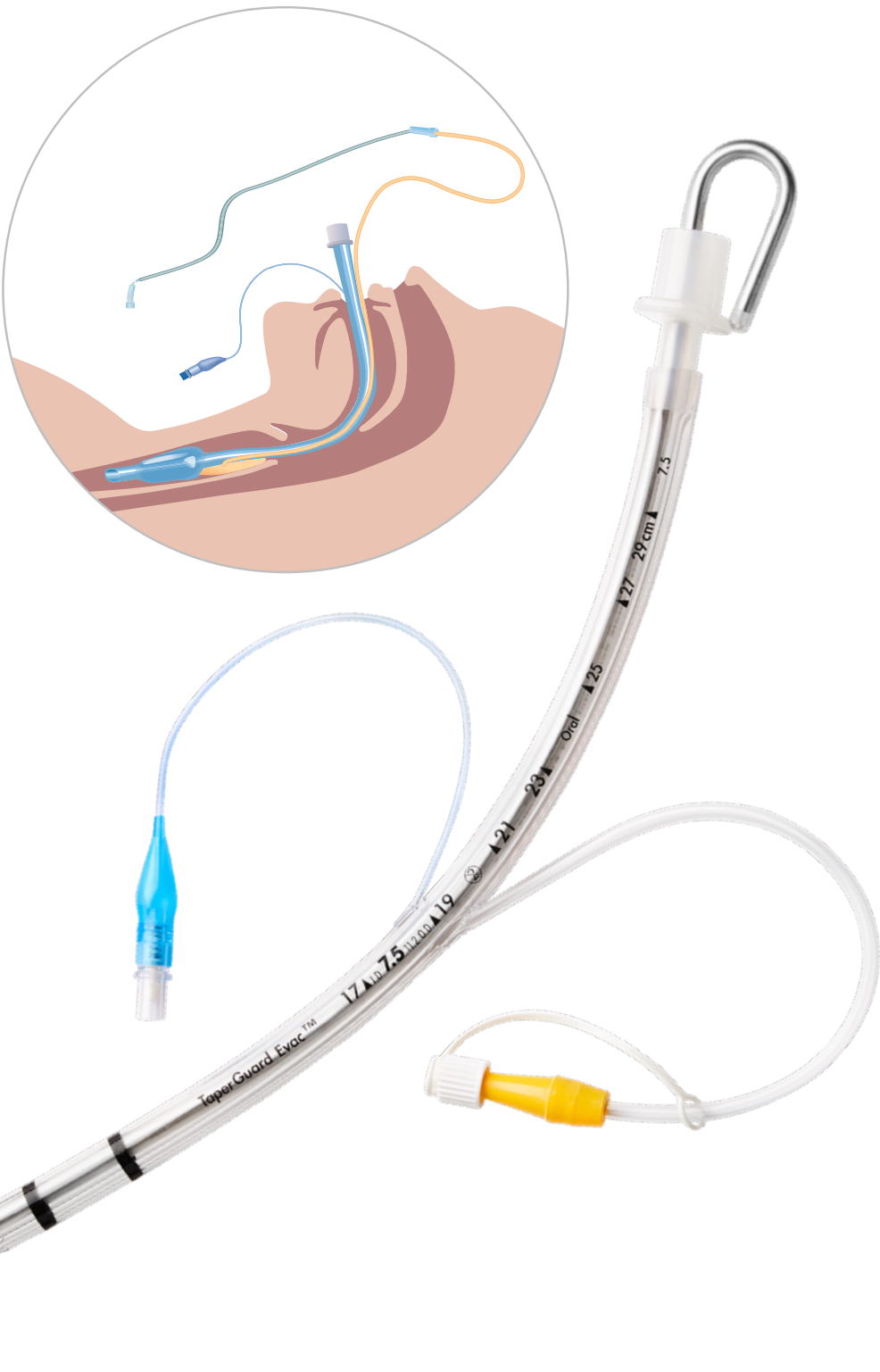
Features and benefits

- Incorporates evac technology for subglottic secretion drainage, which can potentially reduce the incidence of ventilator-associated pneumonia.¹⁰⁻¹²
- Taper-shaped cuff
- Hooded tip with Murphy eye
- Tip-to-tip X-ray line
- Available with or without pre-loaded intubation stylet

Ordering information

CFN	CFN with stylet	I.D. (mm)	O.D. (mm)	Length (mm)	Cuff Ø (mm)
18860	18860S	6.0	9.0	283	20.6
18865	18865S	6.5	9.8	292	20.6
18870	18870S	7.0	10.4	298	25.4
18875	18875S	7.5	11.2	313	25.4
18880	18880S	8.0	11.8	322	25.4
18885	18885S	8.5	12.6	322	28.6
18890	18890S	9.0	13.1	337	28.6

Carton quantity: 10
 All tubes are delivered sterile packed, for single use only.
 Tube without stylet contains phthalates.



Polyurethane, taper-shaped cuff and integrated evac technology

Shiley™ Evac Oral Endotracheal Tube with SealGuard™ Cuff

Features and benefits

- Taper-shaped cuff made of polyurethane material
- Endotracheal tube with subglottic secretion drainage lumen and suction port
- May reduce the risk of respiratory infection during long-term ventilation by draining subglottic region¹²
- Tip-to-tip X-ray line
- Hooded tip with Murphy eye

Ordering information

CFN	I.D. (mm)	O.D. (mm)	Length (mm)	Cuff Ø (mm)
110860	6.0	9.0	283	22
110865	6.5	9.8	292	22
110870	7.0	10.4	302	24
110875	7.5	11.2	313	26
110880	8.0	11.8	322	27
110885	8.5	12.6	332	29
110890	9.0	13.1	337	30

Carton quantity: 10
All tubes are delivered sterile packed, for single use only.



Metal-reinforced spiral to prevent kinking

Shiley™ Oral/Nasal Reinforced Endotracheal Tube, Cuffed

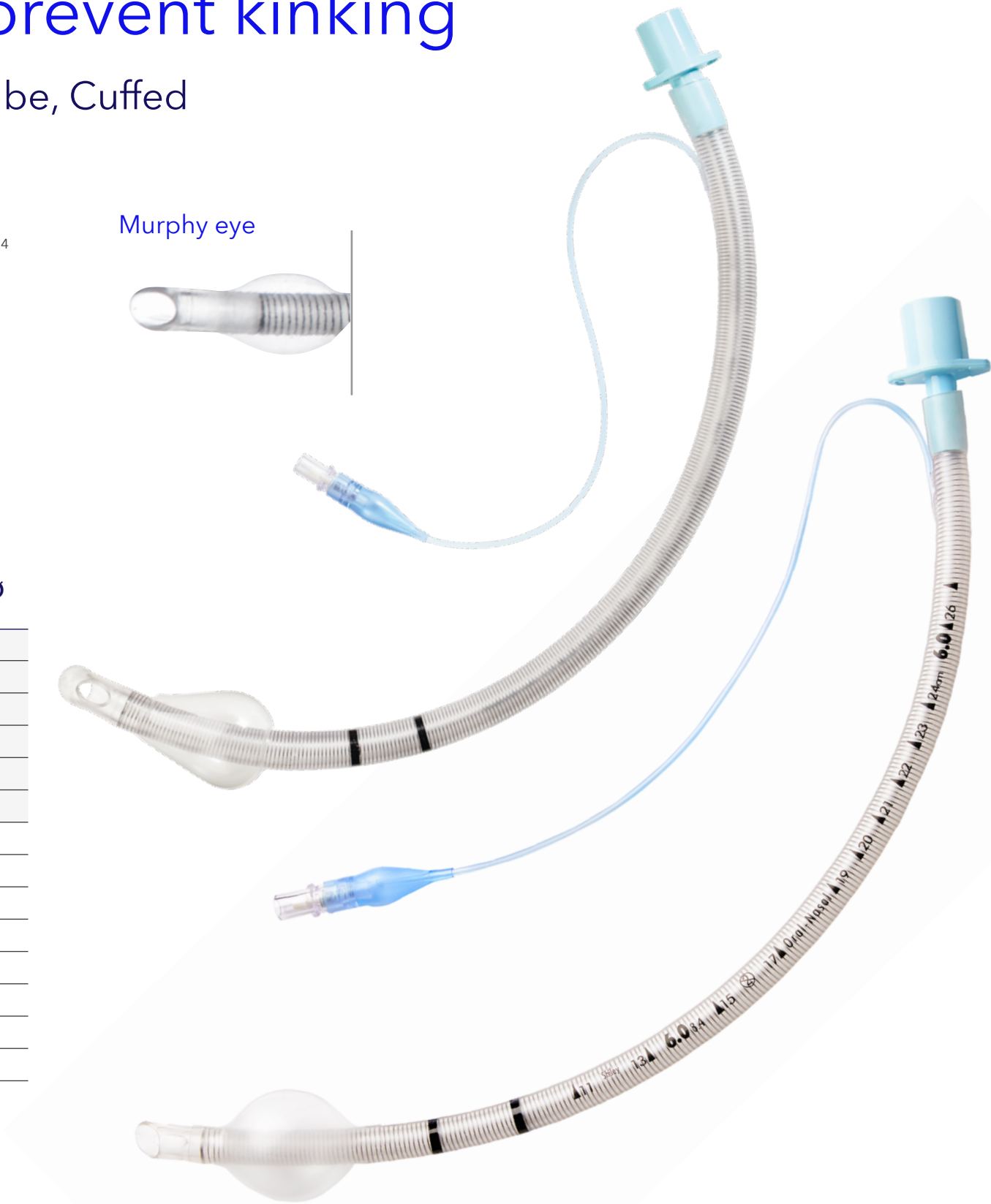
Features and benefits

- Metal-reinforced spiral, uniformly and securely encapsulated in the wall of the tube, to help prevent kinking compared to traditional endotracheal tubes¹³⁻¹⁴
- High-volume, low-pressure cuff
- Two depth marks above the cuff
- Reinforcement to support X-ray control and verification of tube position¹³
- 15 mm connector bonded to the endotracheal tube
- Suitable for oral and nasal intubation
- Murphy eye

Ordering information

	REF	REF with Murphy eye	REF with TaperGuard™ Cuff	I.D. (mm)	O.D. (mm)	Length (mm)	Cuff Ø (mm)
Pediatric	118-30	-	-	3.0	5.0	195	8
	118-35	-	-	3.5	5.5	212	9
	118-40	-	-	4.0	6.2	236	9
	118-45	-	-	4.5	6.6	250	11
	118-50	-	-	5.0	6.9	308	17
	118-55	-	-	5.5	7.5	320	19
	118-60	118-60M	118-60MTG	6.0	8.4	320	21
	118-65	118-65M	118-65MTG	6.5	8.9	330	22
	118-70	118-70M	118-70MTG	7.0	9.7	340	24
	118-75	118-75M	118-75MTG	7.5	10.3	350	26
	118-80	118-80M	118-80MTG	8.0	11.0	360	28
	118-85	118-85M	118-85MTG	8.5	11.6	365	29
	118-90	118-90M	118-90MTG	9.0	12.1	370	31
	118-95	118-95M	118-95MTG	9.5	12.9	370	32

Carton quantity: 10
 All tubes are delivered sterile packed, for single use only.



Flexible and kink resistant

Shiley™ Oral/Nasal Reinforced Endotracheal Tube, Cuffless

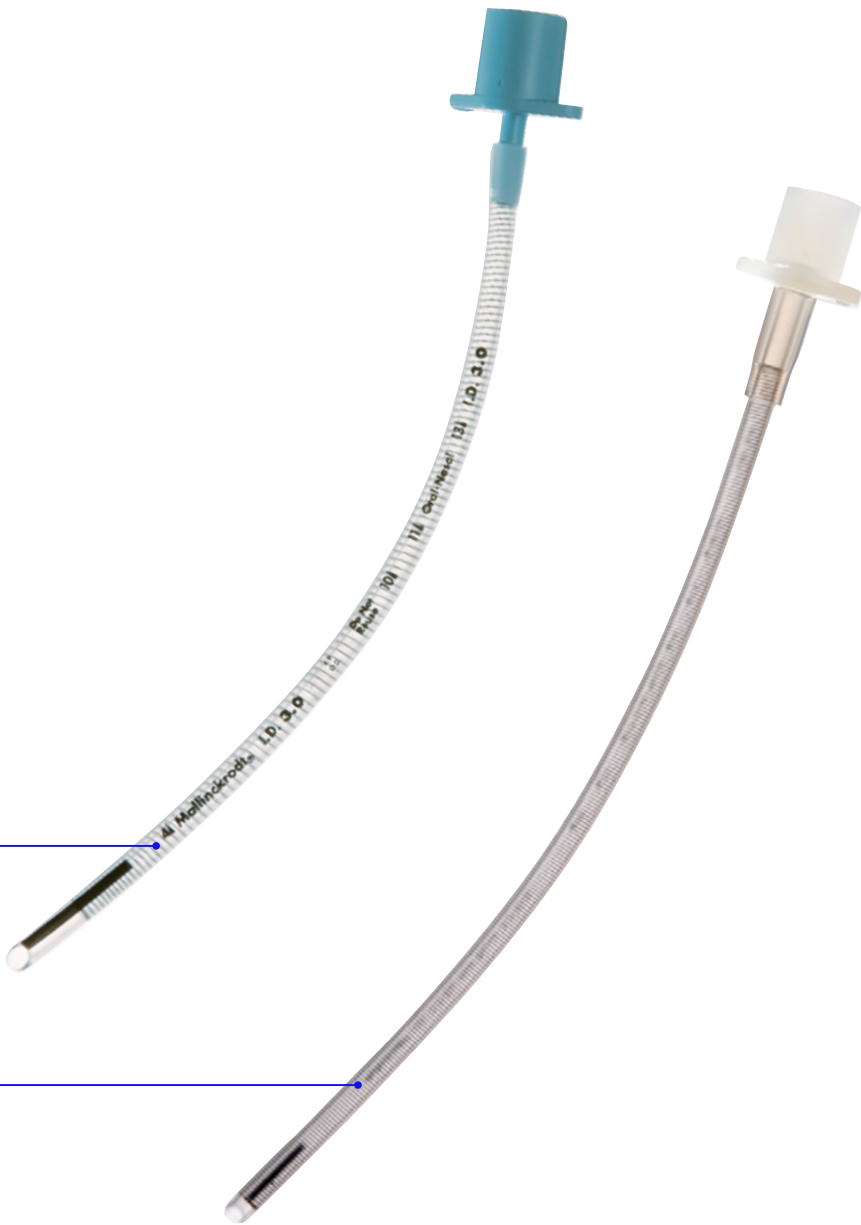
Features and benefits

- Highly flexible silicone tube made of a flexible PVD material and reinforcement within the tube wall to help prevent kinking compared to traditional endotracheal tubes¹⁵
- Marking on both sides of the tip
- Reinforcement to support X-ray control and verification of the tube position¹³
- Fully inserted 15 mm connector
- Intubation stylet may be used for easier tube placement
- Suitable for oral and nasal intubation
- A bite block or guedel airway may be considered when using reinforced endotracheal tubes

Ordering information

	REF	I.D. (mm)	O.D. (mm)	Length (mm)
Pediatric	127-30-2	3.0	5.0	192
	127-35-2	3.5	5.2	212
	127-40-2	4.0	6.2	232
	127-45-2	4.5	6.7	252
	127-50-2	5.0	6.9	290
	127-55-2	5.5	7.5	298
	127-60-2	6.0	8.2	308
	127-65-2	6.5	8.8	318
	127-70-2	7.0	9.6	328

Carton quantity: 10
All tubes are delivered sterile packed, for single use only.



Preformed shape to remove circuit from surgical field

Shiley™ Oral and Nasal RAE Endotracheal Tube with TaperGuard™ Cuff

Features and benefits

- Preformed tube to help reduce the risk of kinking¹⁴
- Improved access to the operative field, as the connections lie outside this area¹⁴
- High-volume, low-pressure TaperGuard™ cuff
- Specially molded hooded tip with Murphy Eye
- Tip-to-tip X-ray line

Ordering information

	REF with HiLo Cuff	REF with TaperGuard™ Cuff	I.D. (mm)	O.D. (mm)	Length (mm)	Cuff Ø (mm)
	Oral	Oral				
Pediatric	115-40	n/a	4.0	5.6	178	8
	115-45	n/a	4.5	6.2	198	11
	n/a	115-50OR	5.0	6.9	212	19
	n/a	115-55OR	5.5	7.6	222	21
	n/a	115-60OR	6.0	8.2	247	22
	n/a	115-65OR	6.5	8.7	257	24
	n/a	115-70OR	7.0	9.5	276	28
	n/a	115-75OR	7.5	10.1	286	30
	n/a	115-80OR	8.0	10.8	306	31
	n/a	115-85OR	8.5	11.1	316	33
	Nasal	Nasal				
	n/a	119-60NR	6.0	8.2	349	22
	n/a	119-65NR	6.5	8.7	359	24
	n/a	119-70NR	7.0	9.5	369	28
	n/a	119-75NR	7.5	10.1	379	30
	n/a	119-80NR	8.0	10.8	389	31

Carton quantity: 10

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



Shiley™ Oral/Nasal RAE Endotracheal Tube, Cuffless



Features and benefits

- Preformed tube to help reduce the risk of kinking¹⁴
- Improved access compared to traditional tubes to the operative field, as the connections lie outside this area¹⁴
- Two distal eyes. Murphy eyes, one on each side
- Tip-to-tip x-ray line

Ordering information

	REF	I.D. (mm)	O.D. (mm)	Length (mm)
	Oral			
Pediatric	113-30	3.0	4.1	143
	113-35	3.5	4.7	161
	113-40	4.0	5.4	178
	113-45	4.5	6.0	203
	113-50	5.0	6.7	222
	113-55	5.5	7.4	227
	113-60	6.0	8.1	232
	113-65	6.5	8.8	244
	113-70	7.0	9.4	249
	Nasal			
Pediatric	114-30	3.0	4.1	153
	114-35	3.5	4.7	181
	114-40	4.0	5.4	203
	114-45	4.5	6.0	233
	114-50	5.0	6.7	247
	114-55	5.5	7.4	252
	114-60	6.0	8.1	262
	114-65	6.5	8.8	269
	114-70	7.0	9.4	274

Carton quantity: 10

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

Spiral bound stainless steel

Shiley™ Laser Oral Endotracheal Tube, Dual-Cuffed



Features and benefits

- Laser-resistant, nonflammable, flexible stainless steel tube for ventilation during CO₂ and KTP laser surgery of the laryngeal/tracheal area¹⁶
- Accidental contact between tube shaft and laser beam results in reflection of a defocused beam¹⁶
- Airtight steel spiral design
- 15 mm connector bonded to the endotracheal tube
- Dual cuffs of extra large diameter with individual inflation lines
- Pilot balloons with self-sealing valves marked “proximal” and “distal”
- Murphy eye
- Distal tip made from soft plastic PVC material
- Both cuffs may be filled with isotonic saline to help facilitate protection during laser surgery

Ordering information

REF	I.D. (mm)	O.D. (mm)	Length (mm)
160-45	4.5	7.0	349
160-50	5.0	7.5	349
160-55	5.5	7.9	349
160-60	6.0	8.5	349

Carton quantity: 1
All tubes are delivered sterile packed, for single use only.

Shiley™ Laser Endotracheal Tube, Cuffless



Features and benefits

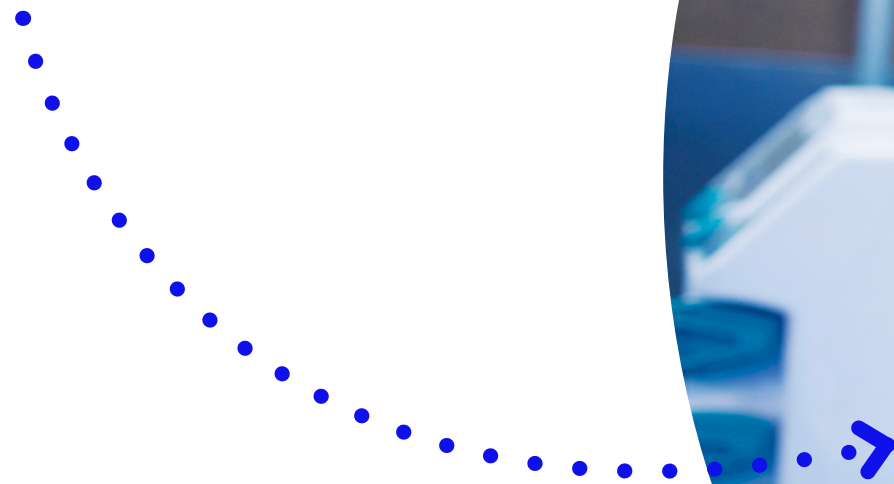
- Laser-resistant, nonflammable, flexible stainless steel tube for ventilation during CO₂ and KTP laser surgery of the laryngeal/tracheal area
- Accidental contact between tube shaft and laser beam results in reflection of a defocused beam¹⁶
- Airtight steel spiral design
- 15 mm connector bonded to the endotracheal tube
- Smooth polished metal tip

Ordering information

REF	I.D. (mm)	O.D. (mm)	Length (mm)
161-30	3.0	5.2	238
161-35	3.5	5.7	238
161-40	4.0	6.1	238

Carton quantity: 1
All tubes are delivered sterile packed, for single use only.

Specialty tubes



Specialty tubes

Shiley™ laryngectomy endotracheal tube cuffed



Features and benefits

- Two preformed curves separated
- Intubation performed through tracheostomy stoma
- High-volume, low-pressure cuff
- Specially molded hooded tip
- Incorporated Murphy eye
- Tip-to-tip x-ray line

Ordering information

REF	I.D. (mm)	O.D. (mm)	Length (mm)	Cuff Ø (mm)
129-70	7.0	9.5	358	28
129-80	8.0	10.8	358	31

Carton quantity: 10
All tubes are delivered sterile packed, for single use only.



For left side single lung isolation

Shiley™ Endobronchial Tube, Left, with Polyurethane Cuff

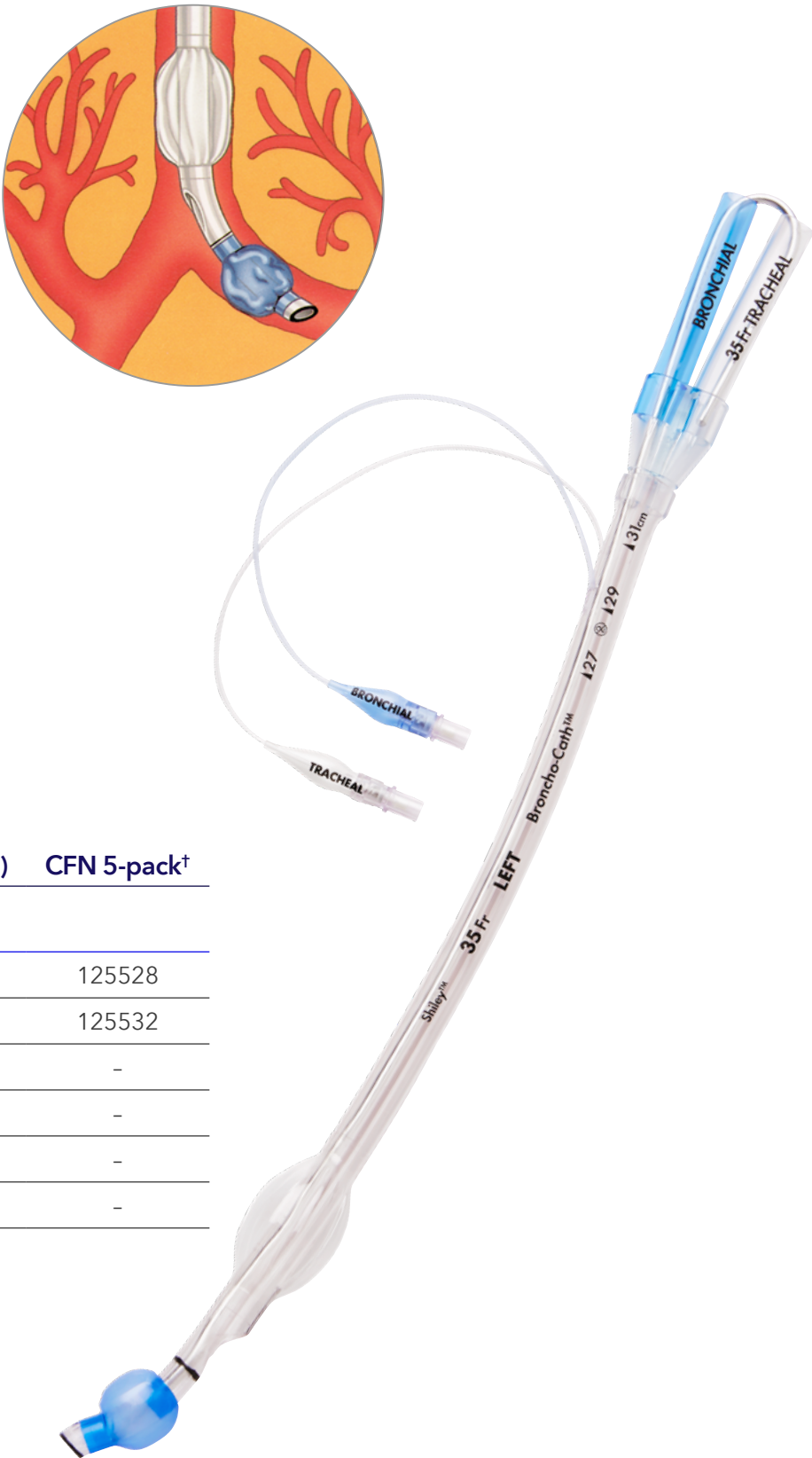
Features and benefits

- For left-sided endobronchial intubation when differential or one-lung ventilation is indicated during thoracic surgery or intensive care
- Polyurethane endotracheal cuff for a much higher puncture strength than conventional materials
- Blue-colored bronchial cuff helps identify location of the distal tip when verifying correct placement by a fiber-optic bronchoscope^{17,18}
- Slightly curved bronchial tube tip to help improve placement in left main bronchus¹⁹
- X-ray opaque markers at distal tip, above bronchial cuff, and at tracheal opening to aid location and verification of tube position¹⁷
- Also available with X-ray opaque carinal hook for precise location of the endobronchial tube within the carina
- Accessory pack two double-swivel connector assemblies with male/female adapters and one Carlens “Y” adapter/sleeve assembly with two female CPAP connectors. The suction catheter is packaged in a tri-fold package along with the tube and accessory pack.

Ordering information

CFN standard	CFN with CPAP system	CFN with carinal hook	I.D. (mm)*	O.D. (mm)	O.D. (Fr)	Length (mm)	CFN 5-pack†
Left							
125028	125128	-	3.1	9.3	28	420	125528
125032	125132-	-	3.4	10.7	32	420	125532
125035	125135	125235	4.8	11.7	35	420	-
125037	125137	125237	5.1	12.3	37	420	-
125039	125139	125239	5.3	13.0	39	420	-
125041	125141-	125241	5.4	13.7	41	420	-

Carton quantity: 1
 All tubes are delivered sterile packed, for single use only.
 * Applicable limit when using a fiber-optic bronchoscope
 †Carton quantity 5, without accessories.



For right side single lung isolation

Shiley™ Endobronchial Tube, Right, with Polyurethane Cuff

Features and benefits

- For right-sided endobronchial intubation when differential or one-lung ventilation is indicated during thoracic surgery or intensive care
- The polyurethane endotracheal cuff provides for a higher puncture strength than conventional PVC materials
- Blue color-coded bronchial cuff, bronchial proximal lumen, and bronchial pilot balloon for easy identification^{17,18}
- X-ray opaque markers at the distal tip, around the side eye, above the bronchial cuff, and at the tracheal opening aid location and verification of the tube position
- The accessory pack contains two double swivel connector assemblies with male/female adapters and one Carlens “Y” adapter/sleeve assembly with two female CPAP connectors. One suction catheter is packaged in a tri fold package with the tube and accessory pack.

Ordering information

CFN standard	CFN with CPAP system	I.D. (mm)*	O.D. (mm)	O.D. (Fr)	Length (mm)
Right					
126035	126135	4.8	11.7	35	420
126037	126137	5.1	12.3	37	420
126039	126139	5.3	13.0	39	420
126041	126141	5.4	13.7	41	420

Carton quantity: 1
 All tubes are delivered sterile packed, for single use only.
 * Applicable limit when using a fiber-optic bronchoscope



Accessories for Endobronchial Tubes



Shiley™ Accessory Pack

Features and benefits

- Free moving double swivel connector allows for connection
- May facilitate the use of fiber-optic instruments and insertion of suction catheters
- Contents: 2 connectors, 1 Y-connector
- Included in the single packs of all endobronchial tubes

Ordering information

REF	Description	Quantity
125-10	Accessory pack	10/box

CPAP¹ System

Features and benefits

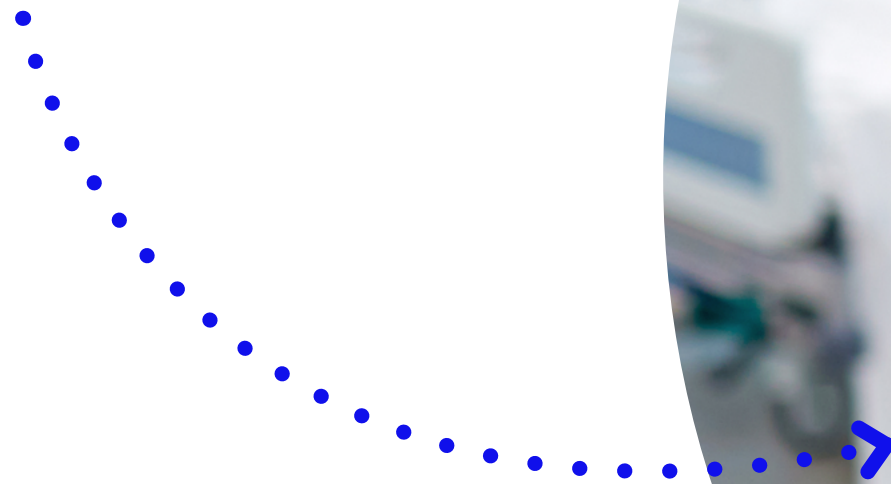
- CPAP valve allows for adjustment of pressure levels from 1-10 cm H₂O
- Right-angled double swivel connector for attaching to the endobronchial tube
- Compact and easy to use, even when space is confined
- Latex-free

Ordering information

REF	Quantity
125-20	5/box

¹ The CPAP valve is licensed from Dr. David Alfery.

Tracheostomy solutions



Designed for the distinct anatomy of neonate and pediatric airways

Shiley™ Flexible Neonatal and Pediatric Tracheostomy Tubes

Features and benefits

- Distinct flange designed specifically for neonatal or pediatric patients
- Transparent, soft flange, supports patient comfort and visualization of the skin below
- Raised outer flange eyelets for easier access when inserting the tracheostomy tube holder/tape
- Comfort recess on the bottom of the connector to help reduce stoma irritation
- Available in cuffless and cuffed configurations. The low profile (low volume), low pressure TaperGuard™ cuff:
 - Reduces fluid leaks by 94.8% at intracuff pressures of 20 cm H₂O
 - Significantly improves management of airway leaks at pressures below 25 cm H₂O†
 - Reduces removal force by 58.3%, reducing the potential for stoma damage during removal†
 - Integrated 15 mm connector

Ordering information

Neonatal					
CFN Cuffless	CFN with TaperGuard™ cuff	I.D. (mm)	O.D. (mm)	Length	Cuff resting diameter†
2.5NEF	2.5NCF	2.5	4.2	28	8.0
3.0NEF	3.0NCF	3.0	4.8	30	9.1
3.5NEF	3.5NCF	3.5	5.4	32	10.1
4.0NEF	4.0NCF	4.0	6.0	34	11.5
4.5NEF	4.5NCF	4.5	6.7	36	12.3
Pediatric					
2.5PEF	2.5PCF	2.5	4.2	38	8.0
3.0PEF	3.0PCF	3.0	4.8	39	9.1
3.5PEF	3.5PCF	3.5	5.4	40	10.1
4.0PEF	4.0PCF	4.0	6.0	41	11.5
4.5PEF	4.5PCF	4.5	6.7	42	12.3
5.0PEF	5.0PCF	5.0	7.3	44	14.2
5.5PEF	5.5PCF	5.5	7.9	46	15.6
Extra-long pediatric					
5.0PELF	5.0PLCF	5.0	7.3	50	14.2
5.5PELF	5.5PLCF	5.5	7.9	52	15.6
6.0PELF	6.0PLCF	6.0	8.5	54	17.2
6.5PELF	6.5PLCF	6.5	9.0	56	19.1

Carton quantity: 1
 All tubes are delivered sterile packed, for single use only.



†Compared to earlier generation Shiley™ tracheostomy tubes.
 ††Applicable to cuffed product only.



Same trusted brand, clinician-inspired advanced design

Shiley™ Flexible Adult Tracheostomy Tubes

Features and benefits

- Available in cuffless and cuffed configurations. The TaperGuard™ cuff:
 - Reduces fluid leakage by 99[†]
 - Exerts 18.6% less lateral wall pressure on the trachea[†]
- New beveled tip design:
 - Reduces insertion force by 39% with a thinner, less bulky cuff[†]
 - Eases percutaneous insertion
- Transparent, soft, flexible flange:
 - Conforms to patient's anatomy
 - Promotes airflow around the stoma
 - Reduces skin contact with a recessed flange
- Mechanical ventilation and faster weaning:
 - Titrates ventilator air leaks with 65% greater ability[†]
 - Increases airflow around the outer cannula by an average of 242% when the cuff is deflate[†]
- Smooth, continuous curvature enables proper positioning
- 15 mm connector is integrated into the outer cannula to enable ventilation with or without an inner cannula



Ordering information

Size		with Disposable Inner cannula			With Reusable Inner Cannula		I.D. (mm)	O.D. (mm)	Inner Cannula I.D. (mm)	Length	Cuff resting diameter ^{††}
Jackson	ISO	CFN cuffless	CFN with TaperGuard™ cuff	CFN inner cannula	CFN cuffless	CFN with TaperGuard™ cuff					
4	6.5	4UN65A	4CN65A	4IC65	4UN65R	4CN65R	6.5	9.4	5.5	62	20.6
5	7.0	5UN70A	5CN70A	5IC70	5UN70R	5CN70R	7.0	10.1	6.0	68	23.0
6	7.5	6UN75A	6CN75A	6IC75	6UN75R	6CN75R	7.5	10.8	6.5	74	25.4
7	8.0	7UN80A	7CN80A	7IC80	7UN80R	7CN80R	8.0	11.4	7.0	77	25.4
8	8.5	8UN85A	8CN85A	8IC85	8UN85R	8CN85R	8.5	12.2	7.5	79	26.6
9	9.0	9UN90A	9CN90A	9IC90	9UN90R	9CN90R	9.0	12.7	8.0	79	27.6
10	10.0	10UN10A	10CN10A	10IC10	10UN10R	10CN10R	10.0	13.8	9.0	79	28.6

Carton quantity: 1

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

[†]Compared to earlier generation Shiley™ tracheostomy tubes.

^{††}Applicable to cuffed product only.



Integrated evac technology

Shiley™ Flexible Evac Tracheostomy Tubes with TaperGuard™ Cuff Technology

Features and benefits

- Integrated evac lumen enables removal of secretions from subglottic spaces
- Removes aspirates an average of four times more efficiently than the legacy Hi-Lo evac product
- May help protect the lungs from VAP or other HAI by allowing subglottic secretion drainage from above the cuff.
- The suction portal is located close to the cuff, allowing for effective secretion removal.
- The evac lumen cap has the same design and color-coding as other Shiley™ secretion drainage management products, indicating secretion removal capability.
- Designed with a slightly larger outer diameter† to support the evac lumen for secretion removal
- Available in single cannula, reusable inner cannula, and disposable inner cannula configurations

Ordering information

CFN single cannula	CFN reusable inner cannula	Trach tube	Inner cannula	I.D.	O.D.	Inner cannula I.D.	Length
		CFN disposable inner cannula	CFN disposable inner cannula*				
4CN65ES	4CN65ER	4CN65ED	4IC65	6.5 mm	9.4 mm	5.5 mm	62 mm
5CN70ES	5CN70ER	5CN70ED	5IC70	7.0 mm	10.1 mm	6.0 mm	68 mm
6CN75ES	6CN75ER	6CN75ED	6IC75	7.5 mm	10.8 mm	6.5 mm	74 mm
7CN80ES	7CN80ER	7CN80ED	7IC80	8.0 mm	11.4 mm	7.0 mm	77 mm
8CN85ES	8CN85ER	8CN85ED	8IC85	8.5 mm	12.2 mm	7.5 mm	79 mm
9CN90ES	9CN90ER	9CN90ED	9IC90	9.0 mm	12.7 mm	8.0 mm	79 mm
10CN10ES	10CN10ER	10CN10ED	10IC10	10.0 mm	13.8 mm	9.0 mm	79 mm

Carton quantity: 1
 All tubes are delivered sterile packed, for single use only.



* Compatible only with the disposable inner cannula version.
 † Compared to standard Shiley™ flexible adult tracheostomy tube.

For patients who need additional length

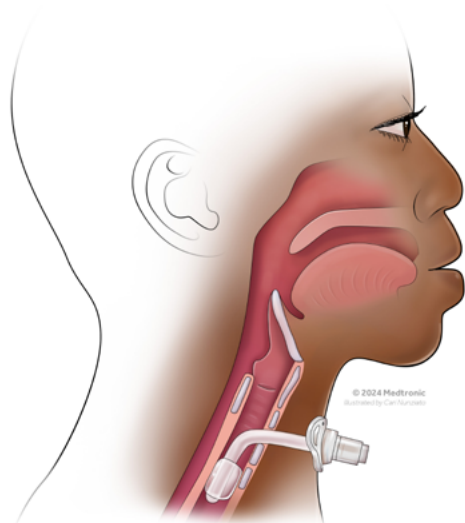
Shiley™ adult flexible tracheostomy tube XLT

People come in all shapes and sizes. Tracheostomy tubes should too. The Shiley™ flexible tracheostomy tube portfolio balances choice and quality for optimal patient care across anatomical variations and clinical needs.

The Shiley™ adult flexible tracheostomy tube XLT offers tracheostomy solutions for patients who need extra length.

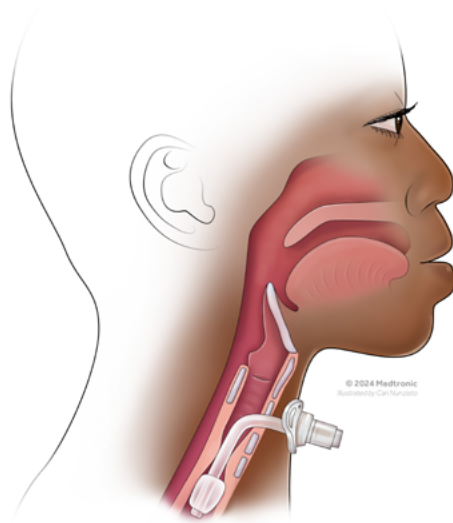
This product features a 90-degree angle and is available in:

- Four size options: ISO sizes 5.0, 6.0, 7.0, and 8.0 (ISO size refers to the inner cannula inner diameter or I.D.)
- Two length configurations: Extended distal length and extended proximal length
- TaperGuard™ cuff and cuffless options



Extended proximal length

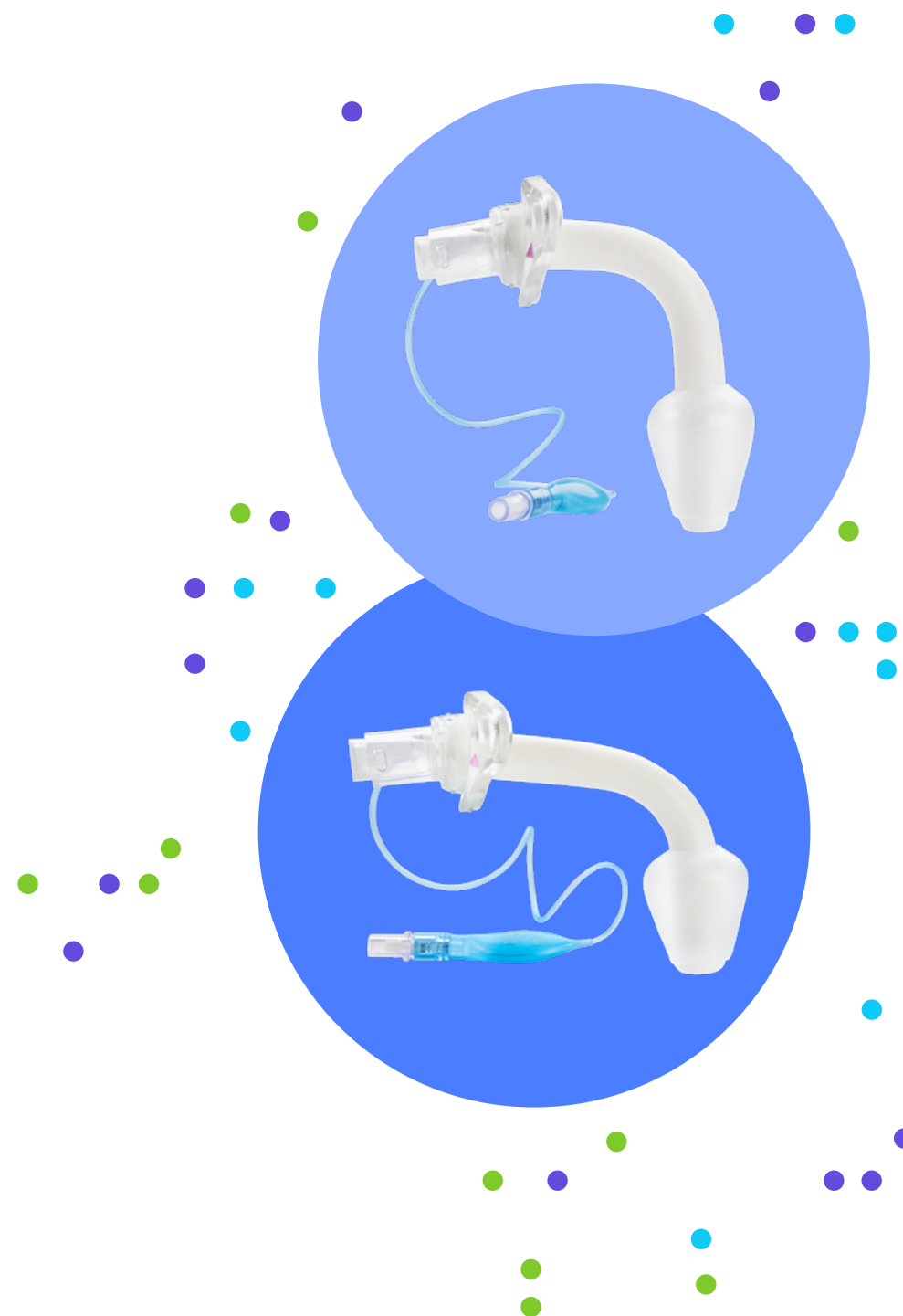
Extra length in the proximal portion of the tracheostomy tube can accommodate increased skin-to-tracheal-wall distances in patients with a full or thick neck.²⁷⁻²⁹



Extended distal length

Extra length in the distal portion of the tracheostomy tube can compensate for longer tracheal anatomies or conditions such as:²⁷⁻²⁹

- Tracheal stenosis - narrowing of the trachea
- Malacia - collapsing of the trachea





Extended proximal length

Cuffed	Cuffless	Outer cannula outer diameter (O.D.)	Outer cannula inner diameter (I.D.)	Inner cannula inner diameter (I.D.)	Total length	Proximal length	Radius length	Distal length	Cuff resting diameter	Angle
50FXLTCP	50FXLTUP	9.6mm	5.0mm	5.0mm	90.0mm	20.0mm	37.0mm	33.0mm	20.6mm	90°
60FXLTCP	60FXLTUP	11.0mm	6.0mm	6.0mm	95.0mm	23.0mm	38.0mm	34.0mm	25.4mm	90°
70FXLTCP	70FXLTUP	12.3mm	7.0mm	7.0mm	100.0mm	27.0mm	39.0mm	34.0mm	26.6mm	90°
80FXLTCP	80FXLTUP	13.3mm	8.0mm	8.0mm	105.0mm	30.0mm	40.0mm	35.0mm	28.6mm	90°

State-of-the-art compliance

The Shiley™ adult flexible tracheostomy tube XLT is made without materials of concern. This product is made with a non-DEHP PVC material.

- Not made with natural rubber latex
- Not made with DEHP, which can lead to toxic health effects, including endocrine system disruption³⁰



Extended distal length

Cuffed	Cuffless	Outer cannula outer diameter (O.D.)	Outer cannula inner diameter (I.D.)	Inner cannula inner diameter (I.D.)	Total length	Proximal length	Radius length	Distal length	Cuff resting diameter	Angle
50FXLTCD	50FXLTUD	9.6mm	5.0mm	5.0mm	90.0mm	5.0mm	37.0mm	48.0mm	20.6mm	90°
60FXLTCD	60FXLTUD	11.0mm	6.0mm	6.0mm	95.0mm	8.0mm	38.0mm	49.0mm	25.4mm	90°
70FXLTCD	70FXLTUD	12.3mm	7.0mm	7.0mm	100.0mm	12.0mm	39.0mm	49.0mm	26.6mm	90°
80FXLTCD	80FXLTUD	13.3mm	8.0mm	8.0mm	105.0mm	15.0mm	40.0mm	50.0mm	28.6mm	90°

Inner cannula

Inner Cannula	Inner cannula inner diameter (I.D.)	Total length	Radius length
50FXLTIN	5.0mm	90.0mm	37.0mm
60FXLTIN	6.0mm	95.0mm	38.0mm
70FXLTIN	7.0mm	100.0mm	39.0mm
80FXLTIN	8.0mm	105.0mm	40.0mm



Note: The inner diameter of the inner cannula and the inner diameter of the outer cannula are the same.

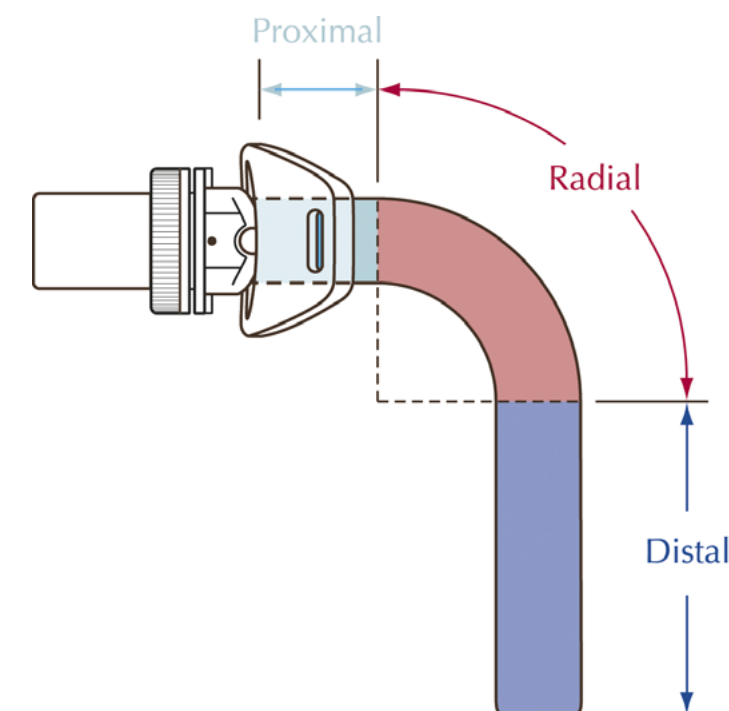
Shiley™ XLT Tracheostomy Tubes

Ordering information

CFN	I.D. (mm)	O.D. (mm)	Total length (mm)	Proximal length (mm)	Radial length (mm)	Distal length (mm)	Cuff Ø (mm)	Qty.
Shiley™ XLT cuffed tracheostomy tube – Extended distal								
50XLTCD	5.0	9.6	90	5	37	48	29	1
60XLTCD	6.0	11.0	95	8	38	49	31	1
70XLTCD	7.0	12.3	100	12	39	49	35	1
80XLTCD	8.0	13.3	105	15	40	50	35	1
Shiley™ XLT uncuffed tracheostomy tube – Extended distal								
50XLTUD	5.0	9.6	90	5	37	48	29	1
60XLTUD	6.0	11.0	95	8	38	49	31	1
70XLTUD	7.0	12.3	100	12	39	49	35	1
80XLTUD	8.0	13.3	105	15	40	50	35	1
Shiley™ XLT cuffed tracheostomy tube – Extended proximal								
50XLTCP	5.0	9.6	90	20	37	33	29	1
60XLTCP	6.0	11.0	95	23	38	34	31	1
70XLTCP	7.0	12.3	100	27	39	34	35	1
80XLTCP	8.0	13.3	105	30	40	35	35	1
Shiley™ XLT uncuffed tracheostomy tube – Extended proximal								
50XLTUP	5.0	9.6	90	20	37	33	29	1
60XLTUP	6.0	11.0	95	23	38	34	31	1
70XLTUP	7.0	12.3	100	27	39	34	35	1
80XLTUP	8.0	13.3	105	30	40	35	35	1
Shiley™ XLT replacement inner cannula								
50XLTIN	5.0							10
60XLTIN	6.0							10
70XLTIN	7.0							10
80XLTIN	8.0							10

Carton quantity: 1

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



Measurements

This diagram illustrates how the proximal, radial, and distal measurements are determined for proper sizing.

For breathing through the upper airway

Shiley™ Adult Fenestrated Tracheostomy Tubes

Features and benefits

- Shiley™ adult fenestrated tracheostomy tubes feature an opening that allows airflow to be directed towards the vocal cords to permit patient phonation.²⁵
- May support a patient's ability to speak/phone, and aid in the weaning process.²⁶
- Soft-swivel opaque flange moves with the patient
- Smooth, rounded tip obturator facilitates insertion
- Not made with natural rubber latex
- Available in four configurations:
 - DFEN: High-volume, low-pressure cuff with disposable inner cannula
 - DCFN: Cuffless with disposable inner cannula
 - FEN: High-volume, low-pressure cuff with reusable inner cannula
 - CFN: Cuffless with reusable inner cannula
- DFEN and DCFN products feature:
 - Disposable inner cannula with an integral 15 mm snap-lock connector
 - Disposable decannulation plug (DDCP)
- FEN products feature:
 - Reusable inner cannula with an integral 15 mm twist lock connector
 - Decannulation plug (DCP)
- CFN products feature:
 - Reusable inner cannula with an integral 15 mm twist lock connector
 - Inner cannula with open or closed lumen and low-profile connector that reduces bulk at stoma (not adaptable to ventilator equipment)

DFEN



With disposable inner cannula, obturator, and disposable decannulation plug

DCFN



With disposable inner cannula, obturator, and disposable decannulation plug

FEN



With reusable inner cannula, fenestrated inner cannula, obturator, and decannulation plug

CFN



With reusable inner cannula, inner cannula with low-profile connector, fenestrated inner cannula, obturator, and decannulation plug

Ordering information

Size	Disposable IC products		Reusable IC products		I.D. (mm)	O.D. (mm)	Length	Cuff†
	CFN cuffed with disposable inner cannula	CFN cuffless with disposable inner cannula	CFN cuffed with reusable inner cannula	CFN cuffless with reusable inner cannula				
4	4DFEN	4DCFN	4FEN	4CFN	5.0	9.4	62	20
6	6DFEN	6DCFN	6FEN	6CFN	6.4	10.8	74	24
8	8DFEN	8DCFN	8FEN	8CFN	7.6	12.2	79	27
10	10DFEN	10DCFN	10FEN	10CFN	8.9	13.8	79	29

†Applicable to cuffed product only.

Carton quantity: 1. Sterile packed, for single use only.

Reference the [ICU solutions accessories](#) section for additional information on fenestrated tracheostomy tube accessories.

Patient support for total laryngectomy

Shiley™ Laryngectomy Tubes, Cuffless

Features and benefits

- Made with high-quality, compliant material
- Comfortable, convenient alternative to metal tubes
- Inner cannula with an integral 15 mm twist-lock connector permits connection of ancillary equipment and is translucent for easy inspection
- Inner cannula with open lumen and low-profile connector reduces bulk at stoma (Caution: Low profile inner cannula is not adaptable to ventilator equipment.)
- Inner cannula with closed lumen and low-profile connector, which directs breathing through the upper airway
- Smooth, rounded-tip obturator facilitates insertion

Ordering information

Size	CFN	I.D. (mm)	O.D. (mm)	Length
6	6LGT	6.4	11.1	50
8	8LGT	7.6	12.6	50
10	10LGT	8.9	13.7	50

Carton quantity: 1. All tubes are delivered sterile packed, for single use only.

LGT



With inner cannula, inner cannula with open lumen, inner cannula with closed lumen, and obturator

Tracheosoft™ Reinforced

Tracheostomy tubes with HI-LO™ cuff

- A. Tracheosoft™ reinforced tracheostomy tube with adjustable flange and HI-LO™ cuff.

Further set components:

- a Obturator to facilitate insertion.

Ordering information

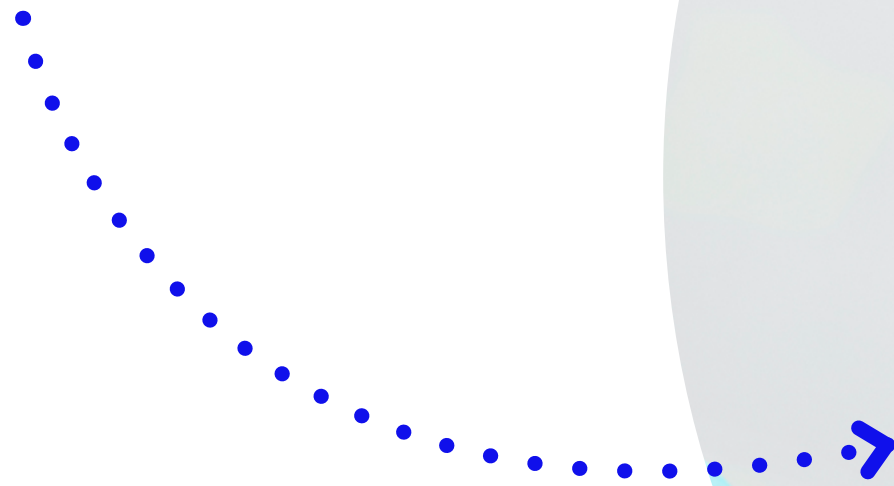
REF				
A	I.D. (mm)	O.D. (mm)	MAX LENGTH (mm)	CUFF HI-LO version Ø (mm)
135-60	6.0	8.3	92	23
135-70	7.0	9.6	93	28
135-80	8.0	10.9	95	31
135-90	9.0	12.2	106	34
135-10	10.0	13.6	112	35
135-11	11.0	14.9	115	35

Carton Quantity: 10
Tracheosoft™ tracheostomy tubes are single packed and sterile.





Airway accessories



Airway accessories

V3 Evac System with subglottic suction function



Features and benefits²¹

- Compatible with all endotracheal tubes and cannulas with the
- subglottic suction function
- Protection against infection through the use of disposable material
- Especially light and handy due to the use of polycarbonate and aluminium
- Standard pole mount bracket
- Regulation range from 0 - 200 mmHg
- For use on vacuum source
- Continuous and intermittent suctioning

Ordering information

CFN	Description	Quantity
5340900	V3 Evac Suction System	1
5340901	V3 Evac Suction System with AGA connector	1
5340902	V3 Evac suction system with Afrox connector	1
5340903	V3 Evac Suction System with BSA connector	1
5340904	V3 Evac Suction System with NF-S90-116 connector	1
5340905	V3 Evac suction system with Carbamed connector	1
5340907	V3 Evac Suction System with DIN connector	1
5340908	V3 Evac Suction System with UNI connector	1
5340909	V3 Evac suction system with DIN connector and Neutral hose	1
403P10189	Reservoir for V3 Evac regulator	10
4345004	Hygrophobic filter for V3 Regulator	1
403/10185	PVC Suction Tubing 150 cm	10

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.
- Built-in vacuum valve for easy evacuation of low pressure cuffs.



CFN	Description	QTY/CS
109-02	Hand pressure gauge	1
109-05M2	Connecting tube for pressure control cuff pressure	2 m

Puritan Bennett™

cuff pressure manager

Offers a simple solution to a serious safety issue by continuously measuring and automatically maintaining cuff pressure of the ventilated patients:

- Reduces manual work of measuring and adjusting cuff pressure with a manometer and syringe^{22,23,25}
- Provides uninterrupted monitoring and management
- Improves adherence to established cuff pressure protocols²⁶

It's designed to support cuffed endotracheal tubes or cuffed tracheostomy tubes for adult and paediatric patients in the following sizes:

Cuffed endotracheal tubes:

Sizes 3 - 10 (inner diameter)

Cuffed tracheostomy tubes:

Sizes 2.5 - 10 (inner diameter of outer cannula)

CFN	Description	Components
180-03	Cuff pressure manager	Cuff pressure manager, mounting rack
180-05	Extension tube	(10 pieces)



“Continuous cuff pressure monitoring reduced the risk of VAP by 48% compared to intermittent monitoring”

Wu et al, 2024²⁴

OR solutions accessories

Shiley™ Nasopharyngeal Airway

Features and benefits

- Provides an open airway that is designed to make suctioning and bronchoscopy easier, safer, and less traumatic
- May provide protection to mucosa in patients requiring repeated catheter passage during procedures or nasotracheal suctioning
- Can be placed in the conscious and semiconscious patient without causing the patient to gag
- Size markings on flange
- Thin wall construction enables a large inside diameter
- Non-adjustable nasopharyngeal airway flange



Ordering information

CFN	I.D. (mm)	O.D. (Fr)	O.D. (mm)	Length (mm)
8888247015	6.0	24	8.0	114
8888247023	6.5	26	8.7	114
8888247031	7.0	28	9.3	127
8888247049	7.5	30	10.0	140
8888247056	8.0	32	10.7	152
8888247064	8.5	34	11.3	159

Carton quantity: 10
Single packed, ready for use



Shiley™ Intubating Stylet

Features and benefits

- Made of malleable aluminum covered with a plastic sheath in lubricated Satin-Slip™ surface
- Use of the stylet helps to maintain the shape of the endotracheal tube during intubation
- Sheath helps reduce friction between stylet and endotracheal tube insertion and withdrawal
- Sheath extends beyond the tip of the endotracheal tube, reducing the potential risk of trauma to the patient

Ordering information

	REF	Recommended tube I.D. (mm)	Length (mm)
	Intubating stylet clean packed		
Pediatric	116-06	2.5 to 4.5	280
	116-10	4.0 to 6.0	350
	116-14	> 5.0	350
	Intubating stylet sterile, single packed		
Pediatric	116-06-S	2.5 to 4.5	280
	116-10-S	4.0 to 6.0	350
	116-14-S	> 5.0	350

Carton quantity: 10
Packed clean, for single use only. Also available sterile.



DAR™ Guedel Airway

Disposable, Single use

Features and benefits

- Bite block for oral intubation
- Color-coded
- Opaque, soft, latex-free material
- Sterile or Clean Packed



Ordering information

REF	LENGTH (mm)*	COLOR CODE
Sterile		
287/7839	30	
287/7838	40	
287/7636	50	
287/7635	60	
287/7634	70	
287/7633	80	
287/7632	90	
287/7631	100	
287/7843	110	

* Axial measurement from the underside of proximal end to the center of distal opening
 Carton quantity: 10, Single packed, ready for use

Ordering information

REF	LENGTH (mm)*	COLOR CODE
Clean packed		
287P7839SP	30	
287P7838SP	40	
287P7636SP	50	
287P7635SP	60	
287P7634SP	70	
287P7633SP	80	
287P7632SP	90	
287P7631SP	100	
287P7843SP	110	

OR solutions accessories

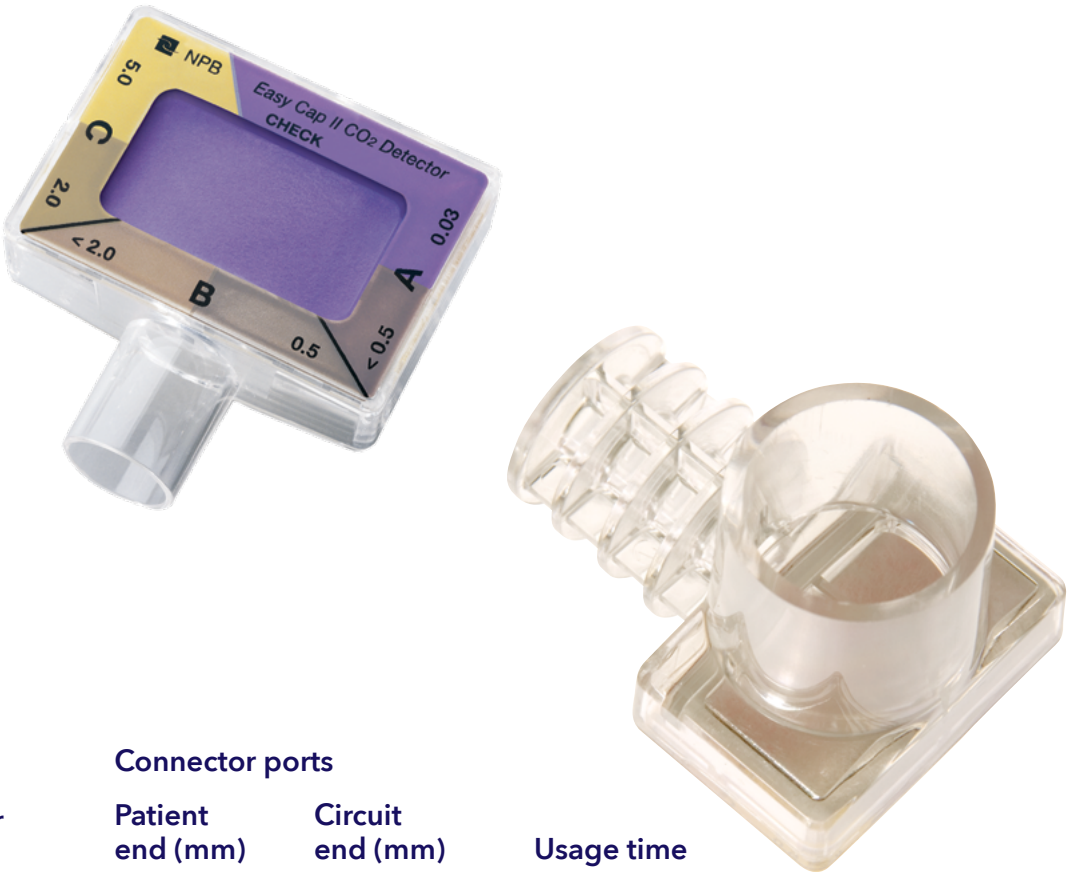
Nellcor™ Colorimetric Adult and Pediatric CO₂ Detectors

Features and benefits

- Attaches directly to an endotracheal tube to indicate exhaled CO₂ levels during intubation for up to two hours
- Responds within 6 breaths to exhaled CO₂ with a simple color change from purple to yellow
- Features a display window that detects approximate ranges of end-tidal CO₂ by color comparison
- May help verify that patients are properly intubated

Ordering information

CFN	Description	Recommended patient weight	Internal volume	Resistance to flow	Detector weight	Connector ports		Usage time
						Patient end (mm)	Circuit end (mm)	
PEDICAP	Case of 24	1 to 15 kg	3 cc	2.5 cm H ₂ O ± 0.5 cm 10 L/min flow	Less than 5 g	18 OD/15 ID	15 OD/5 ID	Up to 2 hours
PEDICAP 6	Case of 6	1 to 15 kg	3 cc	2.5 cm H ₂ O ± 0.5 cm 10 L/min flow	Less than 5 g	18 OD/15 ID	15 OD/5 ID	Up to 2 hours
EASYCAP II	Case of 24	Over 15 kg	25 cc	3.0 cm H ₂ O ± 1.0 cm 60 L/min flow	Less than 20 g	22 OD/15 ID	15 OD/13 ID	Up to 2 hours
EASYCAP II 6	Case of 6	Over 15 kg	25 cc	3.0 cm H ₂ O ± 1.0 cm 60 L/min flow	Less than 20 g	22 OD/15 ID	15 OD/13 ID	Up to 2 hours



Tracheostomy accessories

Shiley™ Disposable Inner Cannulas



Features and benefits

- Disposability offers convenience of care and maintenance
- Disposable inner cannula (DIC) has an integral 15 mm snap-lock connector for quick and safe disposal after a single use
- Disposable fenestrated inner cannula (DICFEN) features a snap-lock, green color-coded connector

Ordering information

Size	CFN disposable inner cannula	CFN disposable fenestrated inner cannula	For use with	
4	4DIC	4DICFEN	4DFEN	4DCFN
6	6DIC	6DICFEN	6DFEN	6DCFN
8	8DIC	8DICFEN	8DFEN	8DCFN
10	10DIC	10DICFEN	10DFEN	10DCFN

Carton quantity: 10. Sterile individually packed, for single use only.



Shiley™ Spare Inner Cannulas



Features and benefits

- For temporary use during cleaning or removal of the inner cannula of Shiley™ tracheostomy tubes
- Disposability offers convenience of care and maintenance
- Features a red color-coded twist-lock connector

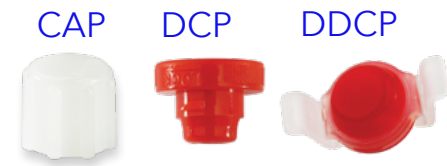
Ordering information

Size	CFN	For use with	
4	4SIC	4FEN	4CFN
6	6SIC	6FEN	6CFN
8	8SIC	8FEN	8CFN
10	10SIC	10FEN	10CFN

Carton quantity: 10. Sterile individually packed, for single use only.



Shiley™ Tracheostomy Plugs and Caps



Features and benefits

- Closes the proximal end of fenestrated tracheostomy tubes to enable breathing through the fenestration and upper airway
- White 15 mm Shiley™ tracheostomy tube cap (CAP) attaches to the fenestrated inner cannula
- Decannulation plug (DCP) closes the proximal end of the reusable inner cannula products
- Disposable decannulation plug (DDCP) closes the proximal end of the disposable inner cannula products

Ordering information

Size	CFN tracheostomy tube cap	CFN decannulation plug	For use with	
4	CAP (Fits with any size)	4DCP	4FEN	4CFN
6		6DCP	6FEN	6CFN
8		8DCP	8FEN	8CFN
10		10DCP	10FEN	10CFN

Carton quantity: 10. Sterile individually packed, for single use only.

Size	CFN disposable decannulation plug	For use with	
4	DDCP (Fits with any size)	4DFEN	4DCFN
6		6DFEN	6DCFN
8		8DFEN	8DCFN
10		10DFEN	10DCFN

Carton quantity: 10. Sterile individually packed, for single use only.



Tracheostomy accessories

Shiley™ Speaking Valves



Features and benefits

- Facilitates vocalization for alert, awake patients who are independently breathing
- Available with (SSVO) or without (SSV) a supplemental oxygen port cap
- Connects to a 15 mm connector for a cuffless or fenestrated tracheostomy tube
- Directs exhaled airflow past the vocal cords through a one-way valve enabling phonation.
- Hinged cap assembly for cleaning and accessibility

Ordering information

CFN	Description	Quantity per carton
SSVO	Speaking valve for use with low-flow oxygen port	1
SSV	Speaking valve	1

Shiley™ Tracheostomy Tube Holder



Features and benefits

- Securely holds a tracheostomy tube in place
- Convenient alternative to tape
- Fits most patients, from pediatric to adults
- Soft, foam-padded cotton material provides patient comfort
- Wide band may promote good skin care
- Band tapers at hooks to help reduce excess secretion accumulation

Ordering information

CFN	Description	Quantity per carton
TTH	Tracheostomy tube holder for pediatric and adult	10

ICU solutions accessories

DAR™ Tracheolife II Heat and Moisture Exchanger (HME)

Features and benefits

- For use on tracheostomy patients who can breathe spontaneously
- Oxygen port positioned to allow heating and humidification of all inspired gases
- Collection chamber designed for functionality in the presence of sputum
- Central port allows suctioning and sampling to be performed without removing the HME
- ISO standard 15 mm fitting



DAR™ Hygrolife II HME

Features and benefits

- For use with ventilated patients
- Hygroscopic HME media traps patient's own moisture and reduces heat loss
- Low airflow resistance
- End tidal CO₂ port offers easy access to airway gases
- Moisture output greater than 30 mg H₂O/L
- ISO standard 15 mm and 22 mm fittings



DAR™ Tracheolife III HME

Features and benefits

- For use on tracheostomy patients who can breathe spontaneously
- Oxygen port enables oxygen supply simply by connecting an O₂ line
- Membranes located on both sides (t-shape)
- Lightweight, compact design
- 15 mm connector with tracheostomy tube



DAR™ Double Swivel Connector

Features and benefits

- For use with tracheostomy and endotracheal patients to reduce the trauma associated with movement of the circuit connection
- Double swivel connector moves with the circuit to reduce torque on the tube
- Port with cap allows access for bronchoscope and suction catheters



Ordering information

CFN	Description	Sterile	Quantity per carton
353/19004	Tracheolife II HME	✓	25
353U19004	Tracheolife II HME		25
353S19046	Tracheolife III HME	✓	25
353S19007	Hygrolife II HME	✓	25
610/5257	Double swivel connector	✓	10



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Tracheostomy solutions

Airway accessories

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