

A legacy of trusted partnership.

Shiley™ tracheostomy products



Trusted for over 40 years

Shiley™ airway management products have been trusted by clinicians across the care continuum for over 40 years. Today we offer a thoughtfully curated family of tracheostomy products designed to protect and maintain the airway.

Get the options you need for individualized care, with proven solutions to address nearly any anatomy or patient need. Medtronic provides trusted support for your training and education needs, global resources, and personalized partnership.

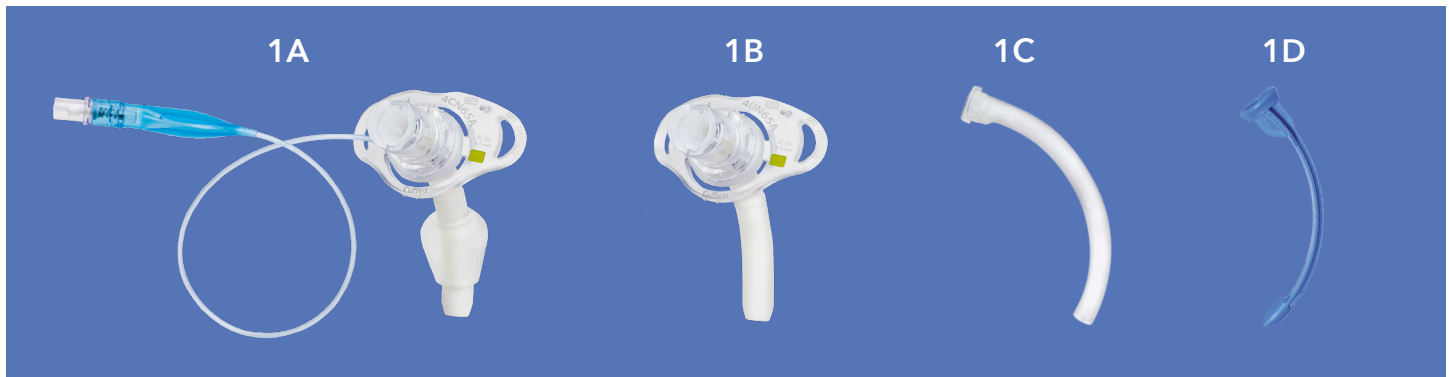
Because every breath matters.



Scan the QR code to explore the Shiley™ tracheostomy tube portfolio.



Shiley™ adult flexible tracheostomy tubes, cuffed and uncuffed, with disposable inner cannula



- 1A. Shiley™ flexible tracheostomy tube with TaperGuard™ cuff provides a flexible design with the sealing benefits associated with the TaperGuard™ cuff. Integrated 15-mm connector enables ventilation with or without disposable inner cannula in place. Tracheostomy tube and packaging are color-coded by size. Made with a non-DEHP plasticizer.
- 1B. Shiley™ flexible tracheostomy tube (cuffless) provides a flexible design. Available in a wide range of sizes. 15-mm connector enables ventilation with or without disposable inner cannula in place. Made with a non-DEHP plasticizer.
- 1C. Disposable inner cannula. Single use.
- 1D. Obturator is designed with a small hole at the distal tip to accept a guidewire.

Shiley™ flexible adult tracheostomy tube with TaperGuard™ cuff, with disposable inner cannula

CFN	I.D.	O.D.	Inner cannula I.D.	Length	Inner cannula CFN
4CN65A	6.5 mm	9.4 mm	5.5 mm	62 mm	4IC65
5CN70A	7.0 mm	10.1 mm	6.0 mm	68 mm	5IC70
6CN75A	7.5 mm	10.8 mm	6.5 mm	74 mm	6IC75
7CN80A	8.0 mm	11.4 mm	7.0 mm	77 mm	7IC80
8CN85A	8.5 mm	12.2 mm	7.5 mm	79 mm	8IC85
9CN90A	9.0 mm	12.7 mm	8.0 mm	79 mm	9IC90
10CN10A	10.0 mm	13.8 mm	9.0 mm	79 mm	10IC10

Shiley™ flexible adult tracheostomy tube, cuffless, with disposable inner cannula

CFN	I.D.	O.D.	Inner cannula I.D.	Length	Inner cannula CFN
4UN65A	6.5 mm	9.4 mm	5.5 mm	62 mm	4IC65
5UN70A	7.0 mm	10.1 mm	6.0 mm	68 mm	5IC70
6UN75A	7.5 mm	10.8 mm	6.5 mm	74 mm	6IC75
7UN80A	8.0 mm	11.4 mm	7.0 mm	77 mm	7IC80
8UN85A	8.5 mm	12.2 mm	7.5 mm	79 mm	8IC85
9UN90A	9.0 mm	12.7 mm	8.0 mm	79 mm	9IC90
10UN10A	10.0 mm	13.8 mm	9.0 mm	79 mm	10IC10

Shiley™ flexible adult tracheostomy tube with reusable inner cannula

Size		CFN		Specifications				
Jackson	ISO	TaperGuard™ cuff	Cuffless	Outer Cannula Inner Diameter (I.D.)	Inner Cannula Inner Diameter (I.D.)	Outer Cannula Outer Diameter (O.D.)	Length	Cuff Resting Diameter
4	6.5	4CN65R	4UN65R	6.5 mm	5.5 mm	9.4 mm	62 mm	20.6 mm
5	7.0	5CN70R	5UN70R	7.0 mm	6.0 mm	10.1 mm	68 mm	23.0 mm
6	7.5	6CN75R	6UN75R	7.5 mm	6.5 mm	10.8 mm	74 mm	25.4 mm
7	8.0	7CN80R	7UN80R	8.0 mm	7.0 mm	11.4 mm	77 mm	25.4 mm
8	8.5	8CN85R	8UN85R	8.5 mm	7.5 mm	12.2 mm	79 mm	26.6 mm
9	9.0	9CN90R	9UN90R	9.0 mm	8.0 mm	12.7 mm	79 mm	27.6 mm
10	10.0	10CN10R	10UN10R	10.0 mm	9.0 mm	13.8 mm	79 mm	28.6 mm

Tracheostomy tube quantity per box 1. All tubes are delivered sterile packed for single use only. Inner cannula quantity per box 10.

Shiley™ pediatric and neonatal tracheostomy tubes



All Shiley™ neonatal and pediatric tracheostomy tubes are designed to enhance patient comfort by using a clear, flexible flange composed of a soft material. The comfort recess on the bottom of the connector aids in the reduction of inferior stoma irritation. Made with a non-DEHP plasticizer.

- 2A. The neonatal cuffed tracheostomy tube (NCF) and the neonatal cuffless tracheostomy tube (NEF) feature a low flange angle
- 2B. The pediatric cuffless tracheostomy tube (PEF), also available in a cuffed version (PCF)
- 2C. The long pediatric cuffed tracheostomy tube (PLCF), also available in an uncuffed version (PELF), offers a longer cannula

Size	CFN	I.D.	O.D.	Length	
2.5	2.5NEF	2.5 mm	4.2 mm	28 mm	NEF
3.0	3.0NEF	3.0 mm	4.8 mm	30 mm	
3.5	3.5NEF	3.5 mm	5.4 mm	32 mm	
4.0	4.0NEF	4.0 mm	6.0 mm	34 mm	
4.5	4.5NEF	4.5 mm	6.7 mm	36 mm	
2.5	2.5PEF	2.5 mm	4.2 mm	38 mm	PEF
3.0	3.0PEF	3.0 mm	4.8 mm	39 mm	
3.5	3.5PEF	3.5 mm	5.4 mm	40 mm	
4.0	4.0PEF	4.0 mm	6.0 mm	41 mm	
4.5	4.5PEF	4.5 mm	6.7 mm	42 mm	
5.0	5.0PEF	5.0 mm	7.3 mm	44 mm	PELF
5.5	5.5PEF	5.5 mm	7.9 mm	46 mm	
5.0	5.0PELF	5.0 mm	7.3 mm	50 mm	
5.5	5.5PELF	5.5 mm	7.9 mm	52 mm	
6.0	6.0PELF	6.0 mm	8.5 mm	54 mm	
6.5	6.5PELF	6.5 mm	9.0 mm	56 mm	

Size	CFN	I.D.	O.D.	Length	
2.5	2.5NCF	2.5 mm	4.2 mm	28 mm	NCF
3.0	3.0NCF	3.0 mm	4.8 mm	30 mm	
3.5	3.5NCF	3.5 mm	5.4 mm	32 mm	
4.0	4.0NCF	4.0 mm	6.0 mm	34 mm	
4.5	4.5NCF	4.5 mm	6.7 mm	36 mm	
2.5	2.5PCF	2.5 mm	4.2 mm	38 mm	PCF
3.0	3.0PCF	3.0 mm	4.8 mm	39 mm	
3.5	3.5PCF	3.5 mm	5.4 mm	40 mm	
4.0	4.0PCF	4.0 mm	6.0 mm	41 mm	
4.5	4.5PCF	4.5 mm	6.7 mm	42 mm	
5.0	5.0PCF	5.0 mm	7.3 mm	44 mm	PLCF
5.5	5.5PCF	5.5 mm	7.9 mm	46 mm	
5.0	5.0PLCF	5.0 mm	7.3 mm	50 mm	
5.5	5.5PLCF	5.5 mm	7.9 mm	52 mm	
6.0	6.0PLCF	6.0 mm	8.5 mm	54 mm	
6.5	6.5PLCF	6.5 mm	9.0 mm	56 mm	

Tracheostomy tube quantity per box 1. All tubes are delivered sterile packed for single use only.

Shiley™ flexible evac tracheostomy tube with TaperGuard™ cuff



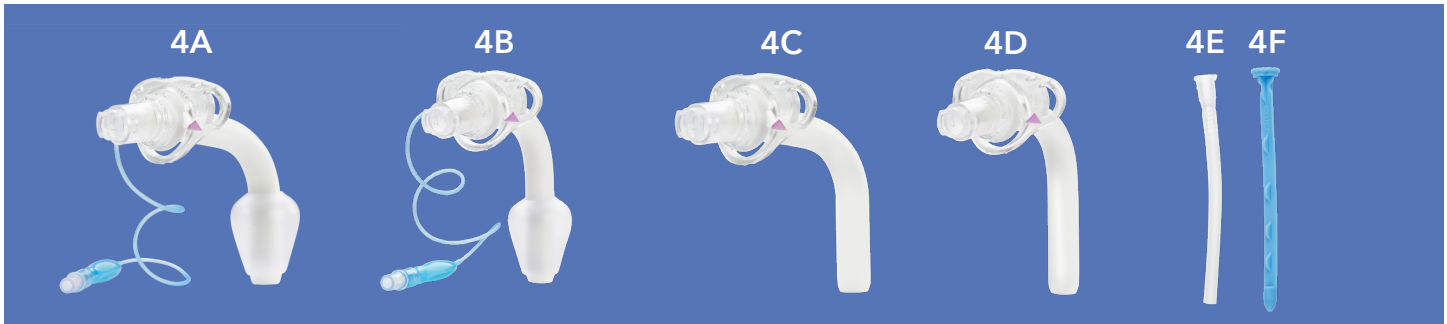
3. Shiley™ flexible evac tracheostomy tube with TaperGuard™ cuff features an integrated suction lumen and evac port, providing the ability to suction the subglottic area above the cuff. This product is available in single cannula, reusable inner cannula, and disposable inner cannula configurations. Made with a non-DEHP plasticizer.

Shiley™ flexible evac tracheostomy tube with TaperGuard™ cuff

CFN		I.D.	O.D.	Inner cannula I.D.	Length	Inner cannula CFN
Reusable inner cannula	Disposable inner cannula					
4CN65ER	4CN65ED	6.5 mm	9.4 mm	5.5 mm	62 mm	4IC65
5CN70ER	5CN70ED	7.0 mm	10.1 mm	6.0 mm	68 mm	5IC70
6CN75ER	6CN75ED	7.5 mm	10.8 mm	6.5 mm	74 mm	6IC75
7CN80ER	7CN80ED	8.0 mm	11.4 mm	7.0 mm	77 mm	7IC80
8CN85ER	8CN85ED	8.5 mm	12.2 mm	7.5 mm	79 mm	8IC85
9CN90ER	9CN90ED	9.0 mm	12.7 mm	8.0 mm	79 mm	9IC90
10CN10ER	10CN10ED	10.0mm	13.8 mm	9.0 mm	79 mm	10IC10

Tracheostomy tube quantity per box 1. All tubes are delivered sterile packed for single use only.
Inner cannula quantity per box 10.

Shiley™ adult flexible tracheostomy tube XLT



The Shiley™ adult flexible tracheostomy tube XLT offers tracheostomy solutions for patients who need extra length. This product features TaperGuard™ cuff and cuffless options, a soft and translucent flange, and is made without materials of concern such as DEHP.

- 4A. Extended-length flexible tracheostomy tube with TaperGuard™ cuff with extra length in proximal portion
- 4B. Extended-length flexible tracheostomy tube with TaperGuard™ cuff with extra length in distal portion
- 4C. Extended-length flexible tracheostomy tube, cuffless, with extra length in proximal portion
- 4D. Extended-length flexible tracheostomy tube, cuffless, with extra length in distal portion
- 4E. Extended-length, flexible disposable inner cannula features a snap-loc mechanism to secure the cannula in place and is designed with a full circumference proximal end compared to the scallop design on the Shiley™ flexible adult tracheostomy tube inner cannula.
- 4F. Extended-length, obturator

Shiley™ adult flexible tracheostomy tube XLT, 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°

Shiley™ adult flexible tracheostomy tube XLT, 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°

Shiley™ adult flexible tracheostomy tube XLT, inner cannula

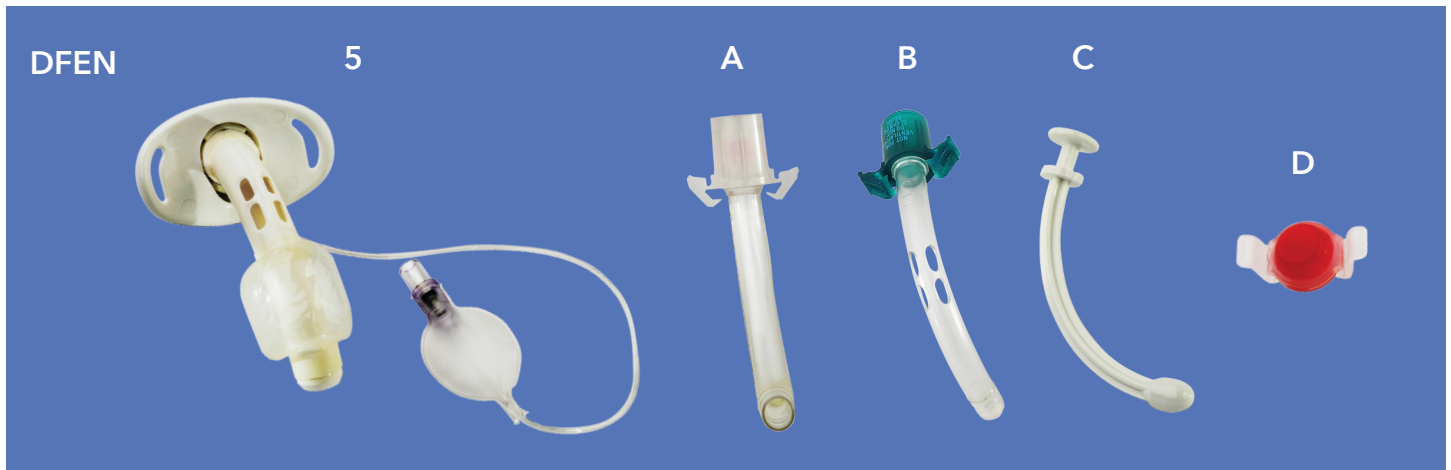
Inner Cannula	Inner cannula inner diameter (I.D.)	Total length	Radius length
50FXLTIN	5.0mm	90.0mm	37.0mm
60FXLTIN	6.0mm	95.0mm	38.0mm
70FXLTIN	7.0mm	100.0mm	39.0mm
80FXLTIN	8.0mm	105.0mm	40.0mm

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

Tracheostomy tube quantity per box 1.

All tubes are delivered sterile packed for single use only. Inner cannula quantity per box 10.

Shiley™ tracheostomy tubes, cuffed, fenestrated with disposable inner cannula

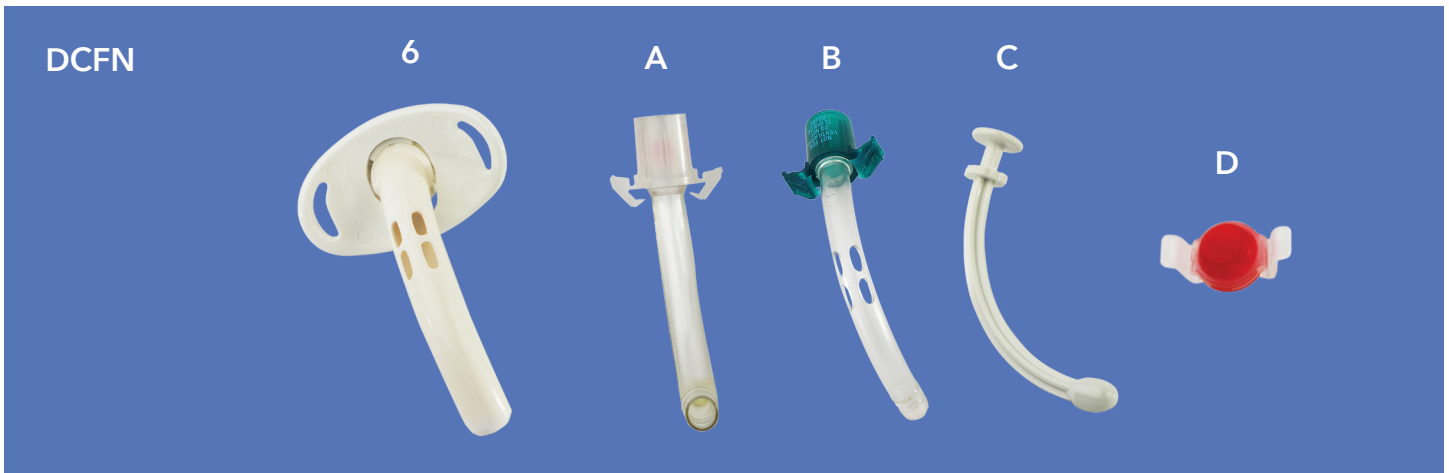


5. Tracheostomy tube cuffed with disposable inner cannula, fenestrated (DFEN) provides inner cannula disposability, permitting patient to breathe through upper airway if desired.
 - a. Disposable inner cannula (DIC) with integral 15-mm snap-lock connector
 - b. Disposable fenestrated inner cannula (DICFEN)
 - c. Obturator
 - d. Disposable decannulation plug (DDCP) closes the proximal end of the DCFS, DCFN, and DFEN to permit breathing through the fenestration and the upper airway

Size	CFN	I.D.	O.D.	Length	
4	4DFEN	5.0 mm	9.4 mm	62 mm	DFEN
6	6DFEN	6.4 mm	10.8 mm	74 mm	
8	8DFEN	7.6 mm	12.2 mm	79 mm	
10	10DFEN	8.9 mm	13.8 mm	79 mm	
Required for use with					
4	4DIC		4DFEN		DIC
6	6DIC		6DFEN		
8	8DIC		8DFEN		
10	10DIC		10DFEN		

Tracheostomy tube quantity per box 1. All tubes are delivered sterile packed for single use only.
 Inner cannula quantity per box 10.

Shiley™ tracheostomy tubes, cuffless, fenestrated with disposable inner cannula

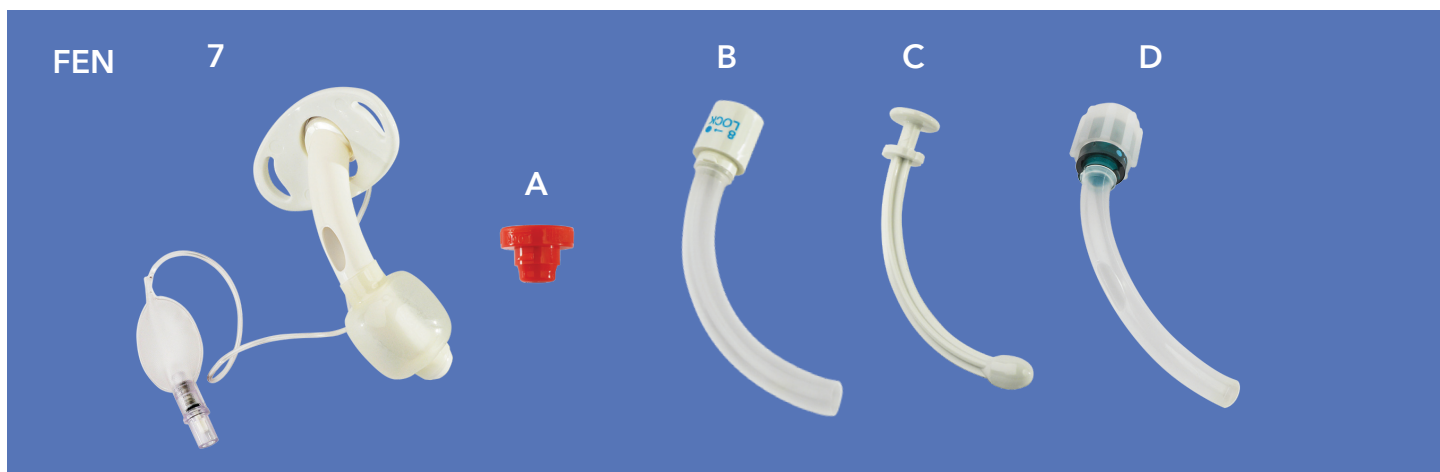


6. Tracheostomy tube, cuffless with disposable inner cannula, fenestrated (DCFN) helps permit the patient to breathe through the upper airway if desired.
 - a. Disposable inner cannula (DIC) with integral 15-mm snap-lock connector
 - b. Disposable fenestrated inner cannula (DIFEN)
 - c. Obturator
 - d. Disposable decannulation plug (DDCP) closes the proximal end of the DCFS, DCFN, and DFEN to permit breathing through the fenestration and the upper airway

Size	CFN	I.D.	O.D.	Length	
4	4DCFN	5.0 mm	9.4 mm	62 mm	DCFN
6	6DCFN	6.4 mm	10.8 mm	74 mm	
8	8DCFN	7.6 mm	12.2 mm	79 mm	
10	10DCFN	8.9 mm	13.8 mm	79 mm	
Required for use with					
4	4DIC		4DCFN		DIC
6	6DIC		6DCFN		
8	8DIC		8DCFN		
10	10DIC		10DCFN		

Tracheostomy tube quantity per box 1. All tubes are delivered sterile packed for single use only.
 Inner cannula quantity per box 10.

Shiley™ tracheostomy tubes, cuffed, fenestrated with reusable inner cannula

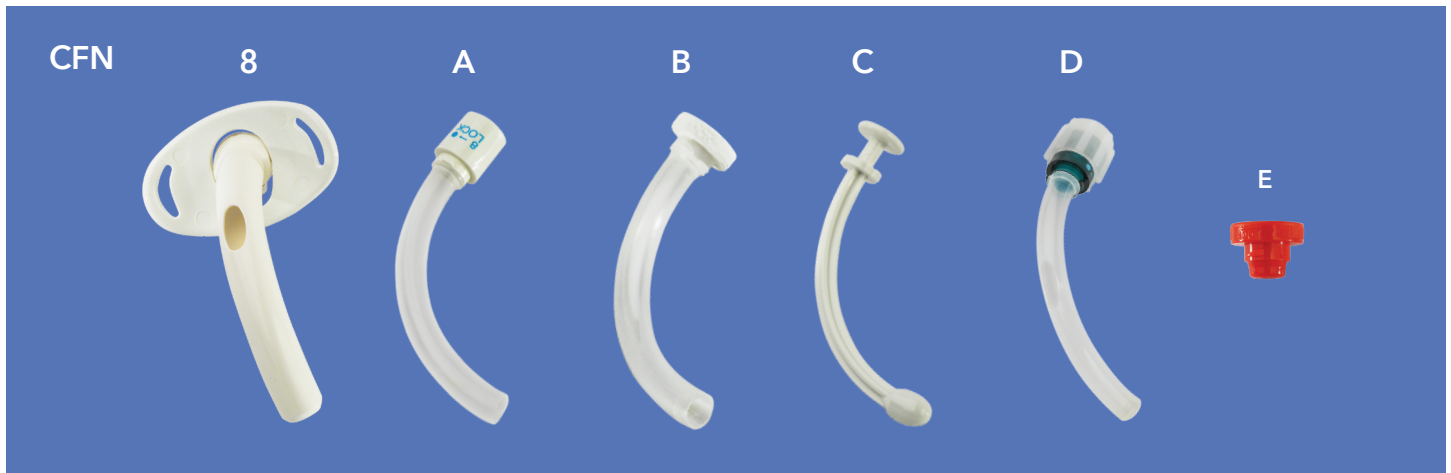


7. Tracheostomy tube, cuffed, with inner cannula, fenestrated (FEN) allows for weaning of patient from tube by facilitating upper airway breathing.
 - a. Decannulation plug (DCP) is connected to the outer cannula to permit upper airway breathing
 - b. Inner cannula with integral 15-mm twist-lock connector
 - c. Obturator
 - d. Fenestrated inner cannula with green 15-mm connector and white 15-mm cap

Size	CFN	I.D.	O.D.	Length	FEN
4	4FEN	5.0 mm	9.4 mm	65 mm	
6	6FEN	6.4 mm	10.8 mm	76 mm	
8	8FEN	7.6 mm	12.2 mm	81 mm	
10	10FEN	8.9 mm	13.8 mm	81 mm	

Tracheostomy tube quantity per box 1. All tubes are delivered sterile packed for single use only.

Shiley™ tracheostomy tubes, cuffless, fenestrated with reusable inner cannula

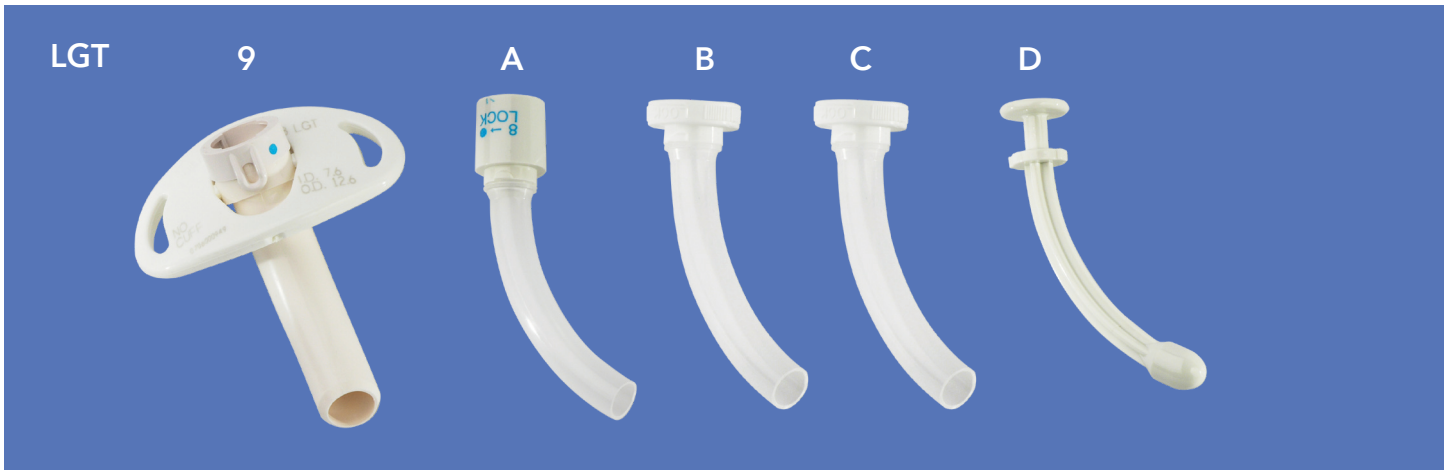


8. Tracheostomy tube, cuffless, with inner cannula, fenestrated (CFN) is designed for pulmonary hygiene and, when used in conjunction with the decannulation plug (DCP), directs breathing through the upper airway.
 - a. Inner cannula with integral 15-mm twist-lock connector
 - b. Cannula with open lumen and low-profile connector reduces bulk at stoma (Caution: Low profile inner cannula is not adaptable to ventilator equipment)
 - c. Obturator
 - d. Fenestrated inner cannula with green 15-mm connector and white 15-mm cap
 - e. Decannulation plug (DCP) closes the proximal end of the CFN to permit breathing through the fenestration and upper airway

Size	CFN	I.D.	O.D.	Length	CFN
4	4CFN	5.0 mm	9.4 mm	65 mm	
6	6CFN	6.4 mm	10.8 mm	76 mm	
8	8CFN	7.6 mm	12.2 mm	81 mm	
10	10CFN	8.9 mm	13.8 mm	81 mm	

Tracheostomy tube quantity per box 1. All tubes are delivered sterile packed for single use only.

Shiley™ laryngectomy tubes, cuffless



9. Shiley™ cuffless laryngectomy tubes (LGT) are an alternative to metal tubes.
 - a. Inner cannula with integral 15-mm twist-lock connector
 - b. Inner cannula with closed lumen and low-profile connector is supplied with the CFS and directs breathing through the upper airway
 - c. Cannula with open lumen and low-profile connector may minimize bulk at stoma (Caution: Low profile inner cannula is not adaptable to ventilator equipment)
 - d. Obturator
 - e. Decannulation plug (DCP) closes the proximal end of the CFN to permit breathing through the fenestration and upper airway

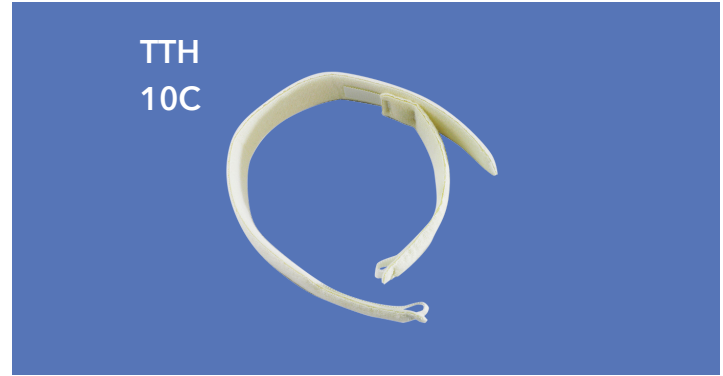
Size	CFN	I.D.	O.D.	Length	LGT
6	6LGT	6.4 mm	11.1 mm	50 mm	
8	8LGT	7.6 mm	12.6 mm	50 mm	
10	10LGT	8.9 mm	13.7 mm	50 mm	

Tracheostomy tube quantity per box 1. All tubes are delivered sterile packed for single use only.

Shiley™ speaking valves



Shiley™ tracheostomy tube holder



Shiley™ speaking valves facilitate vocalization for alert, awake patients who can breathe without assisted mechanical ventilation. Speaking valves fit on the universal 15 mm tracheostomy tube connector and redirect airflow through the vocal cords, nose, and mouth to enable speech. Latex free.

10A. Shiley™ speaking valve with supplemental oxygen port and cap (SSVO)

10B. Shiley™ speaking valve (SSV)

10C. Shiley™ tracheostomy tube holder (TTH). An alternative to tape, the tube holder is made of a soft material with a wide band to promote skin integrity and comfort. Fits adult through pediatric patients, up to 18-inch neck size. Single-patient use; latex-free.

Shiley™ speaking valves

CFN	Qty per box
SSVO	1
SSV	1

Shiley™ tracheostomy tube holder

CFN	Qty per box
TTH	10

DAR™ HME for tracheostomized patients

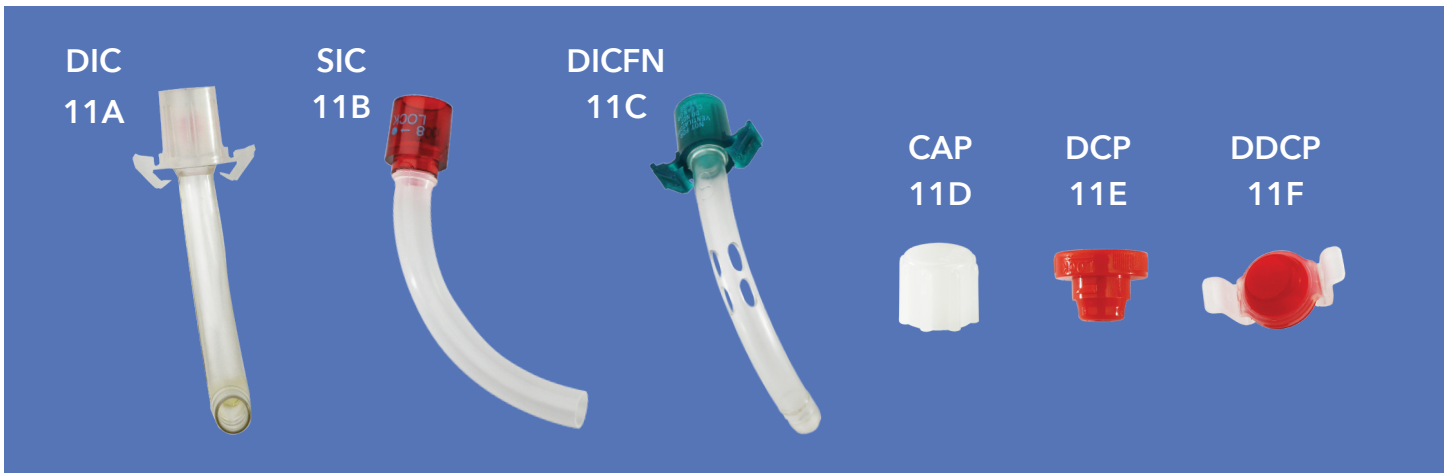


10D. DAR™ HME for tracheostomized patients. Heat and moisture exchanger designed to help keep secretions thin and manageable for spontaneously breathing tracheostomy patients. Collects moisture and heat from expiration, and remoisturizes and rewarms the air upon inspiration. Single use disposable design.

DAR™ HME for tracheostomized patients

CFN	Qty per box
353S19046	25

Shiley™ tracheostomy tube accessories



- 11A. Disposable inner cannula (DIC) with integral 15-mm snap-lock connector, individually sterile packaged, required for use with DFEN and DCFN.
- 11B. Spare inner cannula (SIC) with red, color-coded twist-lock connector, for temporary use during cleaning or removal of the inner cannula of Shiley™ tracheostomy tubes, may be used with FEN and CFN.
- 11C. Disposable inner cannula, fenestrated (DICFEN) is for use with DCFN and DFEN tracheostomy tubes.
- 11D. White 15-mm cap (CAP) attaches to the fenestrated inner cannula with green 15-mm connector to permit breathing through the fenestration and upper airway.
- 11E. Decannulation plug (DCP) closes the proximal end of the FEN and CFN tubes to permit breathing through the fenestration and upper airway. Can also be used with FXLT.
- 11F. Disposable decannulation plug (DDCP) closes the proximal end of the DCFN and DFEN to permit breathing through the fenestration and upper airway.

Size	CFN	For use with		Qty per box	
4	4DIC	4DCFN	4DFEN	10	DIC
6	6DIC	6DCFN	6DFEN	10	
8	8DIC	8DCFN	8DFEN	10	
10	10DIC	10DCFN	10DFEN	10	
4	4SIC	4CFN	4FEN	10	SIC
6	6SIC	6CFN	6FEN	10	
8	8SIC	8CFN	8FEN	10	
10	10SIC	10CFN	10FEN	10	
4	4DICFEN	4DFEN	4DCFN	10	DICFEN
6	6DICFEN	6DFEN	6DCFN	10	
8	8DICFEN	8DFEN	8DCFN	10	
10	10DICFEN	10DFEN	10DCFN	10	
4	4DCP	4FEN	4CFN	10	DCP
6	6DCP	6FEN	6CFN	10	
8	8DCP	8FEN	8CFN	10	
10	10DCP	10FEN	10CFN	10	
	DDCP	Any size DCFN and DFEN tracheostomy tube		10	DDCP
	CAP	Any size FEN and CFN tracheostomy tube		10	CAP

Your most trusted brands in one exceptional family

The Medtronic airway management portfolio is a thoughtfully curated family of state-of-the-art products designed to protect and manage the airway at all points of care - across the OR, ER, and ICU.



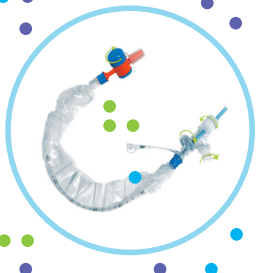
Shiley™ endotracheal tubes and Shiley™ tracheostomy tubes

Providing over 40 years of airway management across the care continuum.



DAR™ filters and filter HMEs

Helping to protect patients, equipment, and staff from cross-contamination.[†]



DAR™ closed suction system

Expelling tracheal secretions and preserving airway clearance without unnecessary exposure to pathogens.^{‡,1}



Puritan Bennett™ cuff pressure manager

A simple solution to automate stable cuff pressure.



Scan the QR code to learn more.

[†] All technical information for DAR™ filters is sourced from information for use (IFU) documents PT00141155, PT00199401, PT00199402, PT00199403.

Please reference the IFU for complete product details.

[‡] Compared to open suction

Shiley™ tracheostomy products are for use by tracheostomy care personnel. The tracheostomy tube and obturator are sterile, single-use patient medical devices not intended to be reprocessed (cleaned, disinfected/sterilized) and used on another patient. Duration of use should not exceed twenty-nine (29) days. Please refer to the product IFU for detailed usage and troubleshooting instructions.

1. Walsh BK, Hood K, Merritt G. Pediatric airway maintenance and clearance in the acute care setting: how to stay out of trouble. *Respir Care*. 2011;56(9):1424-1444.

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