

Medtronic

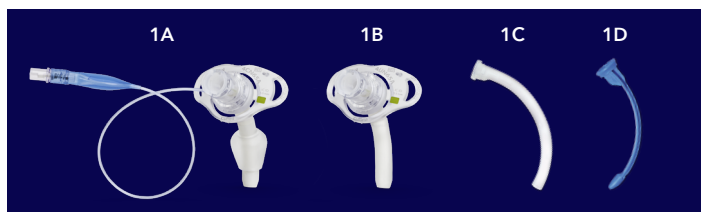
Quick reference guide

A legacy of trusted partnership.

Shiley™ tracheostomy products



Shiley™ adult flexible tracheostomy tubes, cuffed and cuffless, 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 colour-coded by size.
- 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.
- 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

Code	I.D.	O.D.	Inner cannula I.D.	Length	Inner cannula Code
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

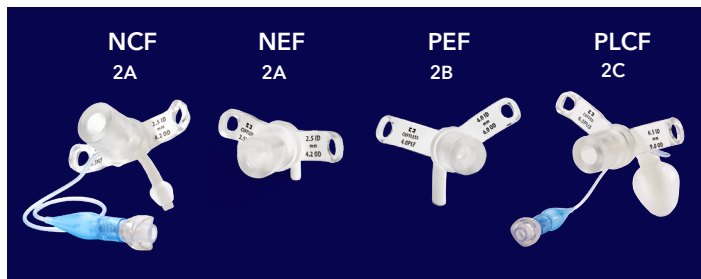
Shiley™ flexible adult tracheostomy tube, cuffless, with disposable inner cannula

Code	I.D.	O.D.	Inner cannula I.D.	Length	Inner cannula Code
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 cuff

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

Shiley™ paediatric and neonatal tracheostomy tubes

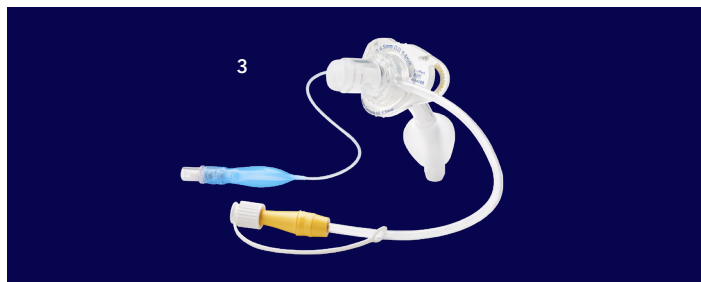


All Shiley™ neonatal and paediatric tracheostomy tubes have a recessed area behind the connector to provide greater comfort.

- 2A. The neonatal cuffed tracheostomy tube (NCF) and the neonatal uncuffed tracheostomy tube (NEF) feature a lower flange angle to improve fit
- 2B. The paediatric uncuffed tracheostomy tube (PEF), also available in a cuffed version (PCF)
- 2C. The long paediatric cuffed tracheostomy tube (PLCF), also available in an uncuffed version (PELF), offers a longer cannula to fit larger paediatric patients
- 2E. The economical cuffed paediatric tracheostomy tubes feature gentle cylindrical cuffs

Size	Code	I.D.	O.D.	Length	Qty per box	
2.5	2.5NEF	2.5 mm	4.2 mm	28 mm	1	NEF
3.0	3.0NEF	3.0 mm	4.8 mm	30 mm	1	
3.5	3.5NEF	3.5 mm	5.4 mm	32 mm	1	
4.0	4.0NEF	4.0 mm	6.0 mm	34 mm	1	
4.5	4.5NEF	4.5 mm	6.7 mm	36 mm	1	
2.5	2.5PEF	2.5 mm	4.2 mm	38 mm	1	PEF
3.0	3.0PEF	3.0 mm	4.8 mm	39 mm	1	
3.5	3.5PEF	3.5 mm	5.4 mm	40 mm	1	
4.0	4.0PEF	4.0 mm	6.0 mm	41 mm	1	
4.5	4.5PEF	4.5 mm	6.7 mm	42 mm	1	
5.0	5.0PEF	5.0 mm	7.3 mm	44 mm	1	
5.5	5.5PEF	5.5 mm	7.9 mm	46 mm	1	PELF
5.0	5.0PELF	5.0 mm	7.3 mm	50 mm	1	
5.5	5.5PELF	5.5 mm	7.9 mm	52 mm	1	
6.0	6.0PELF	6.0 mm	8.5 mm	54 mm	1	
6.5	6.5PELF	6.5 mm	9.0 mm	56 mm	1	NCF
2.5	2.5NCF	2.5 mm	4.2 mm	28 mm	1	
3.0	3.0NCF	3.0 mm	4.8 mm	30 mm	1	
3.5	3.5NCF	3.5 mm	5.4 mm	32 mm	1	
4.0	4.0NCF	4.0 mm	6.0 mm	34 mm	1	
4.5	4.5NCF	4.5 mm	6.7 mm	36 mm	1	PCF
2.5	2.5PCF	2.5 mm	4.2 mm	38 mm	1	
3.0	3.0PCF	3.0 mm	4.8 mm	39 mm	1	
3.5	3.5PCF	3.5 mm	5.4 mm	40 mm	1	
4.0	4.0PCF	4.0 mm	6.0 mm	41 mm	1	
4.5	4.5PCF	4.5 mm	6.7 mm	42 mm	1	
5.0	5.0PCF	5.0 mm	7.3 mm	44 mm	1	PLCF
5.5	5.5PCF	5.5 mm	7.9 mm	46 mm	1	
5.0	5.0PLCF	5.0 mm	7.3 mm	50 mm	1	
5.5	5.5PLCF	5.5 mm	7.9 mm	52 mm	1	
6.0	6.0PLCF	6.0 mm	8.5 mm	54 mm	1	
6.5	6.5PLCF	6.5 mm	9.0 mm	56 mm	1	

Shiley™ flexible evac tracheostomy tube with TaperGuard™ cuff



3. Shiley™ flexible evac tracheostomy tube with TaperGuard™ cuff features an evac lumen to enable the otherwise difficult removal of secretions from the subglottic space. This product is available in single cannula, reusable inner cannula, and disposable inner cannula configurations.

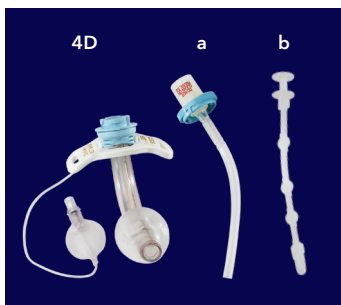
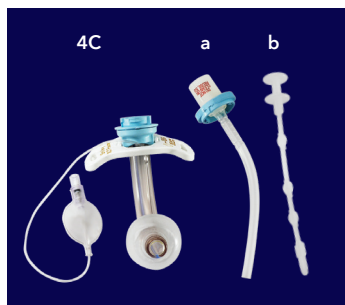
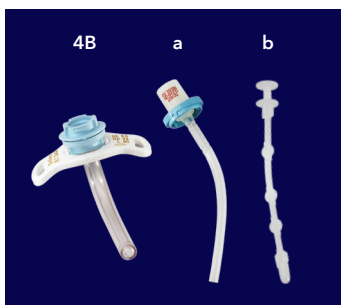
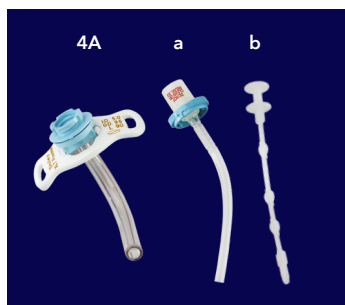
Shiley™ flexible evac tracheostomy tube with TaperGuard™ cuff

Code		I.D.	O.D.	Inner cannula I.D.	Length	Inner cannula Code
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	10.0 mm	13.8 mm	9.0 mm	79 mm	10IC10

Shiley™ flexible single cannula evac tracheostomy tube with TaperGuard™ cuff

Code cuffless	Outer cannula I.D.	Outer cannula O.D.	Length	Inner cannula I.D.
4UN65R	6.5 mm	9.4 mm	62 mm	N/A
5UN70R	7.0 mm	10.1 mm	68 mm	N/A
6UN75R	7.5 mm	10.8 mm	74 mm	N/A
7UN80R	8.0 mm	11.4 mm	77 mm	N/A
8UN85R	8.5 mm	12.2 mm	79 mm	N/A
9UN90R	9.0 mm	12.7 mm	79 mm	N/A
10UN10R	10.0 mm	13.8 mm	79 mm	N/A

Shiley™ XLT tracheostomy tubes



Choice of distal or proximal length extensions to fit unusual anatomies.

Flexible inner and outer cannula and high-volume, low-pressure cuff.

4A. Extended-length, cuffless tracheostomy tube with extra length in proximal portion

4B. Extended-length, cuffless tracheostomy tube with extra length in distal portion

4C. Extended-length, cuffed tracheostomy tube with extra length in proximal portion

4D. Extended-length, cuffed tracheostomy tube with extra length in distal portion

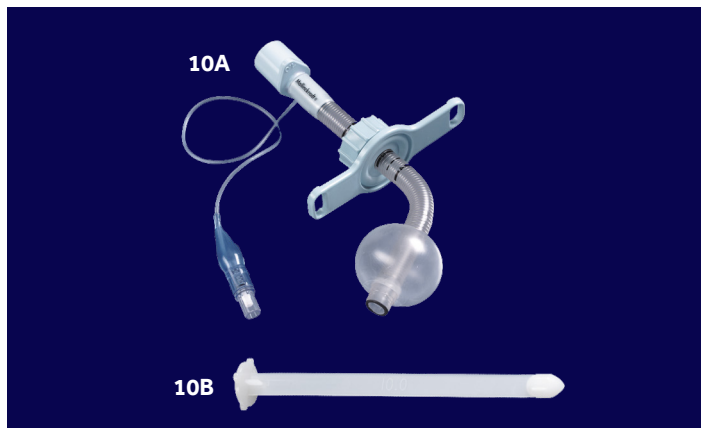
a. Extended-length, disposable inner cannula with integral 15-mm twist-lock connector

b. Obturator

Description							Catalog Number		
Extension	I.D. (mm)	O.D. (mm)	Total length (mm)	Proximal length (mm)	Radial length (mm)	Distal length (mm)	Cuffed	Cuffless	Disp. inner cannula
Distal	5.0	9.6	90	5.0	37.0	48.0	50XLTC	50XLTD	50XLTI
Proximal	5.0	9.6	90	20.0	37.0	33.0	50XLTCP	50XLTUP	50XLTI
Distal	6.0	11.0	95	8.0	38.0	49.0	60XLTC	60XLTD	60XLTI
Proximal	6.0	11.0	95	23.0	38.0	34.0	60XLTCP	60XLTUP	60XLTI
Distal	7.0	12.3	100	12.0	39.0	49.0	70XLTC	70XLTD	70XLTI
Proximal	7.0	12.3	100	27.0	39.0	34.0	70XLTCP	70XLTUP	70XLTI
Distal	8.0	13.3	105	15.0	40.0	50.0	80XLTC	80XLTD	80XLTI
Proximal	8.0	13.3	105	30.0	40.0	35.0	80XLTCP	80XLTUP	80XLTI

Tracheostomy tubes 1/box, disposable inner cannula 10/box. Supplied with both cotton twill tape and adjustable tracheostomy tube holder (TTH). For detailed product information, refer to Instructions for Use in each product package.

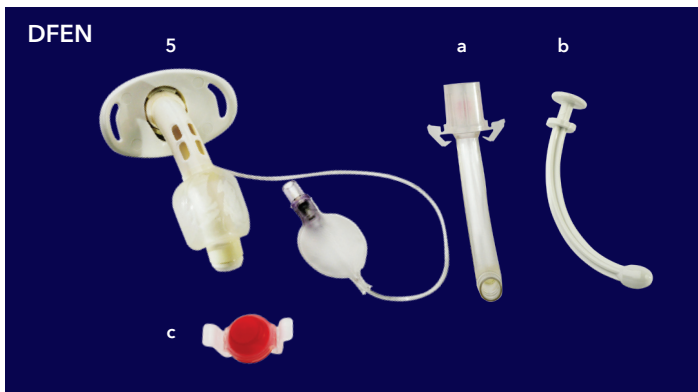
Shiley™ Tracheosoft™ Reinforced



Shiley™ Tracheosoft™ Reinforced

Size	Code	I.D.	O.D.	Length	Qty per box	CUFF HI-LO
23 mm	135-60	6.0 mm	8.3 mm	92 mm	10	
28 mm	135-70	7.0 mm	9.6 mm	93 mm	10	
31 mm	135-80	8.0 mm	10.9 mm	95 mm	10	
34 mm	135-90	9.0 mm	12.2 mm	106 mm	10	
35 mm	135-10	10.0 mm	13.6 mm	112 mm	10	
35 mm	135-11	11.0 mm	14.9 mm	115 mm	10	

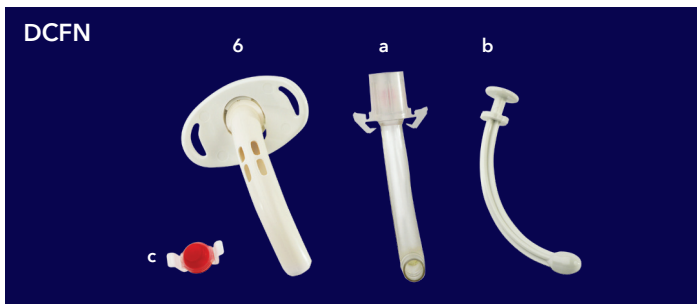
Shiley™ tracheostomy tubes, cuffed, fenestrated with disposable inner cannula



5. Tracheostomy tube cuffed with disposable inner cannula, fenestrated (DFEN) provides inner cannula disposability, permitting patient to breathe through upper airway if desired.

Size	Code	I.D.	O.D.	Length	Qty per box	
4	4DFEN	5.0 mm	9.4 mm	62 mm	1	DFEN
6	6DFEN	6.4 mm	10.8 mm	74 mm	1	
8	8DFEN	7.6 mm	12.2 mm	79 mm	1	
10	10DFEN	8.9 mm	13.8 mm	79 mm	1	
Required for use with						
4	4DIC		4DFEN		10	DIC
6	6DIC		6DFEN		10	
8	8DIC		8DFEN		10	
10	10DIC		10DFEN		10	

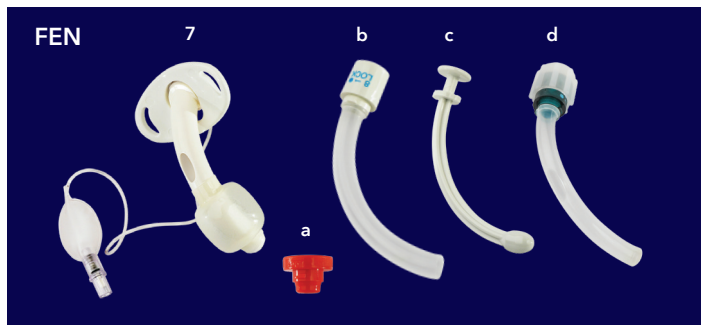
Shiley™ tracheostomy tubes, cuffless, fenestrated with disposable inner cannula



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

Size	Code	I.D.	O.D.	Length	Qty per box	
4	4DCFN	5.0 mm	9.4 mm	62 mm	1	DCFN
6	6DCFN	6.4 mm	10.8 mm	74 mm	1	
8	8DCFN	7.6 mm	12.2 mm	79 mm	1	
10	10DCFN	8.9 mm	13.8 mm	79 mm	1	
Required for use with						
4	4DIC		4DCFN		10	DIC
6	6DIC		6DCFN		10	
8	8DIC		8DCFN		10	
10	10DIC		10DCFN		10	

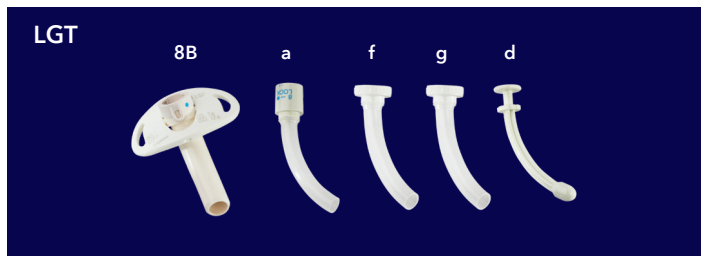
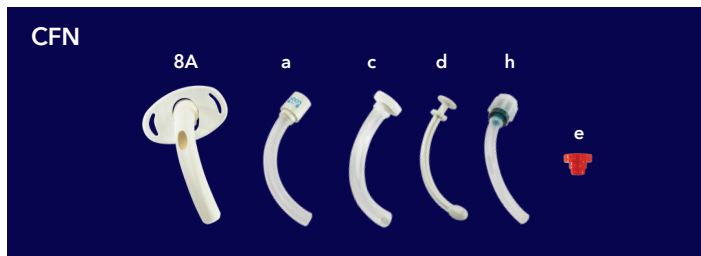
Shiley™ tracheostomy tubes, cuffed, fenestrated with reusable inner cannula



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

Size	Code	I.D.	O.D.	Length	Qty per box	FEN
4	4FEN	5.0 mm	9.4 mm	65 mm	1	
6	6FEN	6.4 mm	10.8 mm	76 mm	1	
8	8FEN	7.6 mm	12.2 mm	81 mm	1	
10	10FEN	8.9 mm	13.8 mm	81 mm	1	

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



8A. 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.

8B. Laryngectomy tube (LGT) is made with high-quality, compliant material and is a comfortable, convenient 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 reduces 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
- f/g. Inner cannula with low-profile connectors to reduce bulk at stoma
- h. Fenestrated inner cannula with green 15-mm connector and white 15-mm cap

Size	Code	I.D.	O.D.	Length	Qty per box	
4	4CFN	5.0 mm	9.4 mm	65 mm	1	CFN
6	6CFN	6.4 mm	10.8 mm	76 mm	1	
8	8CFN	7.6 mm	12.2 mm	81 mm	1	
10	10CFN	8.9 mm	13.8 mm	81 mm	1	
6	6LGT	6.4 mm	11.1 mm	50 mm	1	LGT
8	8LGT	7.6 mm	12.6 mm	50 mm	1	
10	10LGT	8.9 mm	13.7 mm	50 mm	1	

Shiley™ phonate speaking valve



Code	Qty per box
SSVO	1
SSV	1
TTH	10
SSDD	20

10A/B. Shiley™ phonate speaking valve (SSV) and Shiley™ phonate speaking valve for use with low-flow oxygen O₂ port (SSVO). Designed for use on alert, awake tracheostomy patients who can breathe without assisted mechanical ventilation. Connects to 15-mm connector on tracheostomy tube. Directs airflow past the vocal cords, helping patients speak without finger occlusion.

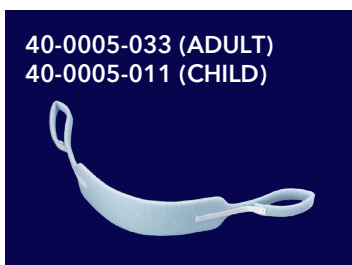
10C. Shiley™ tracheostomy tube holder (TTH). For paediatric and adult. A convenient alternative to twill tape, the tube holder is made of a soft material with a wide band to promote better skin care and patient comfort. Fits adult through paediatric patients, up to 18-inch neck size. Single-patient use;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

Shiley™ tracheostomy tube holder



Code	Qty per box
TTH	10

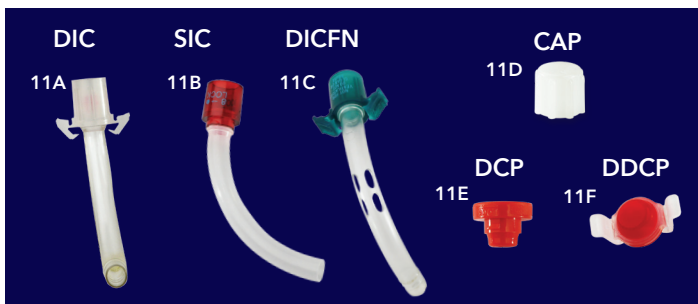
Necktape



40-0005-033 (ADULT)
40-0005-011 (CHILD)

Code	Qty per box
40-0005-033	10
40-0005-011	10

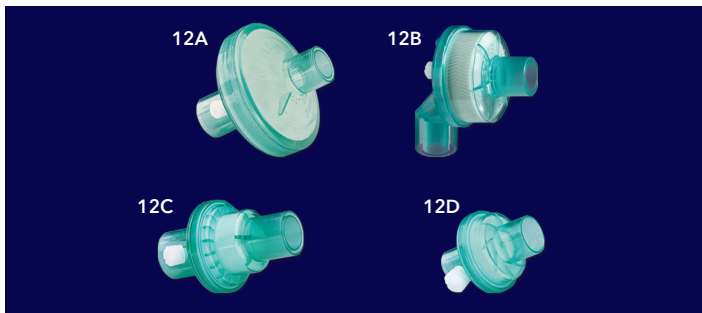
Shiley™ tracheostomy tube accessories



- 11A. Disposable inner cannula (DIC) with integral 15-mm snap-lock connector, individually sterile packaged, required for use with DCT, DFEN, PERC, DCFS, 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 LPC, FEN, CFS, 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.
- 11F. Disposable decannulation plug (DDCP) closes the proximal end of the DCFS, DCFN, and DFEN to permit breathing through the fenestration and upper airway.

Size	Code	For use with				Qty per box	
4	4DIC	4DCT	4DFEN	4DCFS	4DCFN	10	DIC
6	6DIC	6DCT	6DFEN	6DCFS	6DCFN	10	
8	8DIC	8DCT	8DFEN	8DCFS	8DCFN	10	
10	10DIC	10DCT	10DFEN	10DCFS	10DCFN	10	
4	4SIC	4LPC	4FEN	4CFN	4CFS	10	SIC
6	6SIC	6LPC	6FEN	6CFN	6CFS	10	
8	8SIC	8LPC	8FEN	8CFN	8CFS	10	
10	10SIC	10LPC	10FEN	10CFN	10CFS	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 DCFS, DCFN, and DFEN tracheostomy tube				10	DDCP
	CAP	Any size FEN and CFN tracheostomy tube				10	CAP

DAR™ filters and HMEs



- 12A. Adult-paediatric electrostatic filter HME (large) is designed for patients with tidal volume between 300 and 1500 mL. Electrostatic filter membrane
- 12B. Adult-paediatric electrostatic filter HME (small, angled port) is compact and angled with only 61 mL dead space. Electrostatic filter membrane
- 12C. Paediatric electrostatic filter HME features electrostatic filter membrane and meets the needs of patients with tidal volume between 75 and 300 mL
- 12D. Infant electrostatic filter HME is designed for infants or neonates with tidal volume between 30 and 100 mL

	Adult-paediatric electrostatic filter HME (large)	Adult-paediatric electrostatic filter HME (small, angled port)	Infant-paediatric electrostatic filter HME, small	Paediatric-neonatal electrostatic filter HME, small
Catalog number	352/5805	352/5996	355/5430	355/5427
Moisture Output@ 2 hrs (ISO 9360)				
	mg H ₂ O/L	mg H ₂ O/L	mg H ₂ O/L	mg H ₂ O/L
Vt 50 mL	-	-	-	28.0
Vt 250 mL	33.9	34.4	31.0	-
Vt 500 mL	33.3	33.6	-	-
Vt 750 mL	-	-	-	-
Vt 1000 mL	32.4	32.9	-	-
Resistance to Flow at: (ISO 9360)				
5 L/min	-	-	-	0.6 cm H ₂ O
20 L/min	-	-	1.4 cm H ₂ O	-
30 L/min	1.0 cm H ₂ O	1.2 cm H ₂ O	3.0 cm H ₂ O	-
60 L/min	2.1 cm H ₂ O	2.9 cm H ₂ O	-	-
90 L/min	3.7 cm H ₂ O	5.2 cm H ₂ O	-	-
Filtration Efficiency:				
Bacterial	≥99.9999%	≥99.9998%	≥99.999%	≥99.999%
Viral	≥99.998%	≥99.999%	≥99.99%	≥99.99%
Dead Space	93 mL	61 mL	29 mL	10 mL
Weight (approx.)	48 g	29 g	21 g	9 g
Type of Filtration	Electrostatic	Electrostatic	Electrostatic	Electrostatic

DAR™ HMEs



13A. Adult-paediatric HME warms and humidifies air for spontaneously breathing tracheostomy patients. Built-in oxygen port

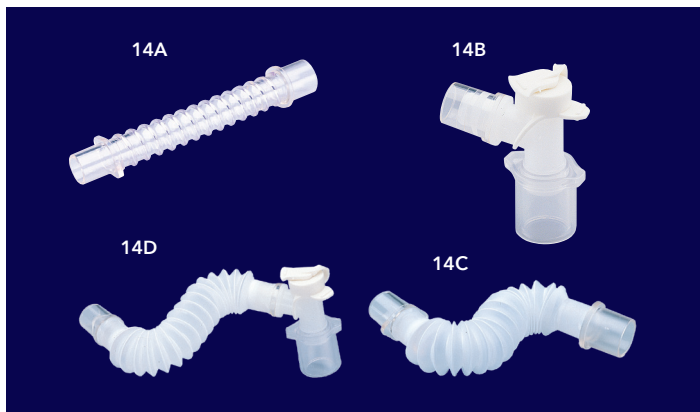
13B. Adult-paediatric HME features an end-tidal CO₂ sampling port

13C. Adult-paediatric HME with connector features integral extendable connector

13D. Adult-paediatric HME for spontaneous breathing tracheostomised patients

	Adult-paediatric HME for tracheostomised patients	Adult-paediatric HME	Adult-paediatric foam HME with integrated catheter mount	Adult-paediatric HME for spontaneous tracheostomised patients
Catalog number	353/19004	353S19007	353P5908	353S19046
Moisture output @ 2 hrs (ISO 9360)				
	mg H ₂ O/L	mg H ₂ O/L	mg H ₂ O/L	-
	-	28.8	20.5	-
Vt 500 mL	28.5	30	31.5	33
	-	31.2	29.7	0
	-	30.4	29.6	0
Resistance to flow at: (ISO 9360)				
30 L/min	0.8 cm H ₂ O	0.8 cm H ₂ O	0.4 cm H ₂ O	0.6 cm H ₂ O
60 L/min	1.8 cm H ₂ O	2.2 cm H ₂ O	1.2 cm H ₂ O	1.1 cm H ₂ O
90 L/min	3.2 cm H ₂ O	4 cm H ₂ O	2.0 cm H ₂ O	1.7 cm H ₂ O
Dead space [†]	16 mL	29 mL	60 mL (compressed) 75 mL (extended)	13 mL
Weight (approx.)	8.5 g	22 g	12 g	8 g
Oxygen volume	<4 L/min	-	-	0

DAR™ accessories for filters and HMEs



- 14A. Extension tube moves connection away from face and provides excellent flexibility while maintaining inner lumen diameter. Catalog number 332/5115.
- 14B. Double-swivel connector connects to face mask or tracheal tube and allows for patient movement. Catalog number 610/5257.
- 14C. Extension tube expands from 4 cm to 13 cm and holds shape for better positioning of the breathing circuit. Catalog number 332/5663.
- 14D. Catheter mount (extendable) has port with cap to allow insertion of suction catheter or bronchoscope. Combination swivels to permit patient movement and helps position breathing circuit. Catalog number 331/5661.

Description	Catalog No.	Box/Case Qty
Extension tube	332/5115	25
Double-swivel connector	610/5257	10
Extendable extension tube	332/5663	25
Double-swivel connector with extendable extension tube	331/5661	25

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/sterilised) and used on another patient. Duration of use should not exceed twenty-nine (29) days. Please refer to the Instructions for Use for a complete list of indications, contraindications, warnings, precautions and other important medical information. Always read and follow the Instructions for Use.

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