

QUICK
REFERENCE
GUIDE

A LEGACY OF **TRUSTED PARTNERSHIP.**

Shiley™ Tracheostomy Products



Medtronic
Further. Together

Shiley™ 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 connection with or without disposable inner cannula in place. Tracheostomy tube and packaging are color-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

SKU#	I.D.	O.D.	INNER CANNULA I.D.	LENGTH	INNER CANNULA SKU#
4CN65H	6.5 mm	9.4 mm	5.5 mm	62 mm	4IC65
5CN70H	7.0 mm	10.1 mm	6.0 mm	68 mm	5IC70
6CN75H	7.5 mm	10.8 mm	6.5 mm	74 mm	6IC75
7CN80H	8.0 mm	11.4 mm	7.0 mm	77 mm	7IC80
8CN85H	8.5 mm	12.2 mm	7.5 mm	79 mm	8IC85
9CN90H	9.0 mm	12.7 mm	8.0 mm	79 mm	9IC90
10CN10H	10.0 mm	13.8 mm	9.0 mm	79 mm	10IC10

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

SKU#	I.D.	O.D.	INNER CANNULA I.D.	LENGTH	INNER CANNULA SKU#
4UN65H	6.5 mm	9.4 mm	5.5 mm	62 mm	4IC65
5UN70H	7.0 mm	10.1 mm	6.0 mm	68 mm	5IC70
6UN75H	7.5 mm	10.8 mm	6.5 mm	74 mm	6IC75
7UN80H	8.0 mm	11.4 mm	7.0 mm	77 mm	7IC80
8UN85H	8.5 mm	12.2 mm	7.5 mm	79 mm	8IC85
9UN90H	9.0 mm	12.7 mm	8.0 mm	79 mm	9IC90
10UN10H	10.0 mm	13.8 mm	9.0 mm	79 mm	10IC10

Shiley™ flexible adult tracheostomy tubes with reusable inner cannula cuff

SIZE		SKU#		SPECIFICATIONS					
Jackson	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™ flexible evac tracheostomy tube with TaperGuard™ cuff

1E

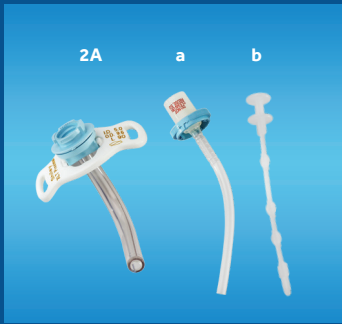


1E. Shiley™ flexible evac tracheostomy tube with TaperGuard™ cuff features an evac lumen to enable the otherwise potentially difficult removal of secretions from the subglottic space. This product is available in single cannula, reusable inner cannula, and disposable inner cannula configurations.

Shiley™ flexible evac tracheostomy tube with TaperGuard™ cuff

SKU#		I.D.	O.D.	INNER CANNULA I.D.	LENGTH	INNER CANNULA SKU#
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

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.

2A. Extended-length, cuffless tracheostomy tube with extra length in proximal portion.

2B. Extended-length, cuffless tracheostomy tube with extra length in distal portion.

2C. Extended-length, cuffed tracheostomy tube with extra length in proximal portion.

2D. 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	50XLTCD	50XLTUD	50XLTIN
Proximal	5.0	9.6	90	20.0	37.0	33.0	50XLTCP	50XLTUP	50XLTIN
Distal	6.0	11.0	95	8.0	38.0	49.0	60XLTCD	60XLTUD	60XLTIN
Proximal	6.0	11.0	95	23.0	38.0	34.0	60XLTCP	60XLTUP	60XLTIN
Distal	7.0	12.3	100	12.0	39.0	49.0	70XLTCD	70XLTUD	70XLTIN
Proximal	7.0	12.3	100	27.0	39.0	34.0	70XLTCP	70XLTUP	70XLTIN
Distal	8.0	13.3	105	15.0	40.0	50.0	80XLTCD	80XLTUD	80XLTIN
Proximal	8.0	13.3	105	30.0	40.0	35.0	80XLTCP	80XLTUP	80XLTIN

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 Directions for Use in each product package.

Shiley™ tracheostomy tubes, cuffed, with disposable inner cannula

DFEN



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

SIZE	PRODUCT DESIGNATION	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, with disposable inner cannula

DCFN



4. 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	PRODUCT DESIGNATION	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, with inner cannula

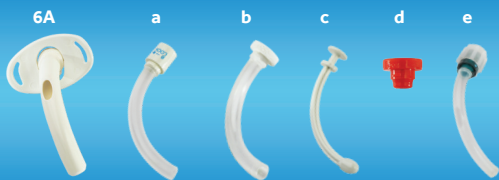


5. Tracheostomy tube, cuffed, with inner cannula, fenestrated (FEN) allows for weaning of patient from tube by facilitating upper airway breathing.¹
 - a. Decannulation plug (DCP) is connected to the outer cannula to permit upper airway breathing.
 - b. Inner cannula with integral 15 mm twist-lock connector.
 - c. Obturator.
 - d. Fenestrated inner cannula with green 15 mm connector and white 15 mm cap.

SIZE	PRODUCT DESIGNATION	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, with inner cannula

CFN



LGT



- 6A. 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.
- 6B. Laryngectomy tube (LGT) is made with high-quality, compliant material and is a convenient alternative to metal tubes.
- 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. Decannulation plug (DCP) closes the proximal end of the CFN to permit breathing through the fenestration and upper airway.
 - e. Fenestrated inner cannula with green 15 mm connector and white 15 mm cap.
 - f/g. Inner cannula with low-profile connectors.

SIZE	PRODUCT DESIGNATION	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™ tracheostomy tubes, cuffed, single cannula

SCT

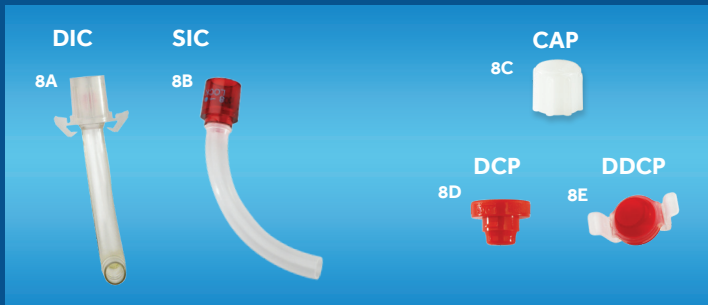


7. Tracheostomy tube, cuffed, single cannula (SCT) is available in a wide range of sizes for special applications. Includes smooth, rounded-tip obturator to facilitate insertion.

SIZE	PRODUCT DESIGNATION	I.D.	O.D.	LENGTH	QTY PER BOX
5.0	5SCT	5.0 mm	7.0 mm	58 mm	1
6.0	6SCT	6.0 mm	8.3 mm	67 mm	1
7.0	7SCT	7.0 mm	9.6 mm	80 mm	1
8.0	8SCT	8.0 mm	10.9 mm	89 mm	1
9.0	9SCT	9.0 mm	12.1 mm	99 mm	1
10.0	10SCT	10.0 mm	13.3 mm	105 mm	1

SCT

Shiley™ tracheostomy tube accessories



- 8A. Disposable inner cannula (DIC) with integral 15 mm snap-lock connector, individually sterile packaged, required for use with DCT, DFEN, PERC, DCFS, and DCFN.
- 8B. 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.
- 8C. 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.
- 8D. Decannulation plug (DCP) closes the proximal end of the FEN and CFN tubes to permit breathing through the fenestration and upper airway.
- 8E. Disposable decannulation plug (DDCP) closes the proximal end of the DCFS, DCFN, and DFEN to permit breathing through the fenestration and upper airway.

SIZE	PRODUCT DESIGNATION	FOR USE WITH			QTY PER BOX	
4	4DIC		4DFEN	4DCFN	10	DIC
6	6DIC		6DFEN	6DCFN	10	
8	8DIC		8DFEN	8DCFN	10	
10	10DIC		10DFEN	10DCFN	10	
4	4SIC		4FEN	4CFS	10	SIC
6	6SIC		6FEN	6CFS	10	
8	8SIC		8FEN	8CFS	10	
10	10SIC		10FEN	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

Shiley™ phonate speaking valve



PRODUCT DESIGNATION	QTY PER BOX
SSVO	1
SSV	1
TTH	10
SSDD	20
PDD	20

9A/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.

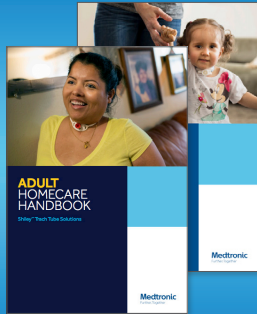
9C. Shiley™ tracheostomy tube holder (TTH). For pediatric and adult. A convenient alternative to twill tape, the tube holder is made of a soft material with a wide band. Fits adult through pediatric patients, up to 18 inch neck size. Single-patient use; not made with latex.

Shiley™ tracheostomy tube holder



Shiley™ adult and pediatric tracheostomy home care guides and videos

Important tracheostomy care information for patients and caregivers. Printed adult and pediatric guides are available in English, Spanish, and Brazilian Portuguese. An adult tracheostomy care video is also available. Visit LivingWithAVent.com to access these resources.



Shiley™ custom tracheostomy tube service



When a standard tracheostomy tube doesn't offer the right fit, turn to our custom tracheostomy tube service. Available options include:

- Modified lengths
- Additional sizes
- Customized cuffs
- Modified flange angles

Use our ordering tool at ShileyCustomTrach.com or call 800-635-5267 for assistance.

Shiley™ pediatric and neonatal tracheostomy tubes

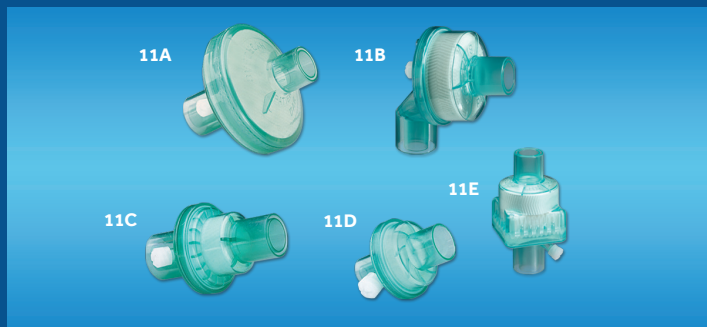


All Shiley™ neonatal and pediatric tracheostomy tubes have a recessed area behind the connector to provide greater comfort.

- 10A. The neonatal tracheostomy tube (NEF) features a lower flange angle to improve fit.
- 10B. The pediatric tracheostomy tube (PEF).
- 10C. The long pediatric tracheostomy tube (PELF) offers a longer cannula to fit larger pediatric patients.
- 10D. Neonatal cuffed tracheostomy tubes (NCF)
- 10E/F. The economical cuffed long pediatric tracheostomy tube (PCF) and the cuffed pediatric tracheostomy tube (PLCF) feature gentle cylindrical cuffs

SIZE	PRODUCT DESIGNATION	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	PELF
5.5	5.5PEF	5.5 mm	7.9 mm	46 mm	1	
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	PLCF
5.0	5.0PCF	5.0 mm	7.3 mm	44 mm	1	
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	PLCF
6.5	6.5PLCF	6.5 mm	9.0 mm	56 mm	1	

DAR™ filters and HMEs



- 11A. Adult-pediatric electrostatic filter (large) is designed for patients with tidal volume between 300 and 1500 mL. Electrostatic filter membrane.
- 11B. Adult-pediatric electrostatic filter HME (small, angled port) is compact and angled with only 61 mL dead space. Electrostatic filter membrane.
- 11C. Pediatric electrostatic filter HME features electrostatic filter membrane and meets the needs of patients with tidal volume between 75 and 300 mL.
- 11D. Infant electrostatic filter HME is designed for pediatrics or neonates with tidal volume between 30 and 100 mL.
- 11E. Small mechanical filter HME is designed for patients with tidal volume between 200 and 1500 mL.

	Adult-pediatric electrostatic filter HME (large)	Adult-pediatric electrostatic filter HME (small, angled port)	Pediatric electrostatic filter line HME	Infant electrostatic filter HME	Small mechanical filter HME
CATALOG NUMBER	352U5805	352U5996	355U5430	355U5427	354U19028
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	mg H ₂ O/L
Vt 50 mL	–	–	–	30.0	–
Vt 250 mL	33.9	34.4	32.3	–	33.0
Vt 500 mL	33.3	33.6	–	–	31.5
Vt 750 mL	–	–	–	–	–
Vt 1000 mL	32.4	32.9	–	–	29.6
Resistance to Flow at: (ISO 9360)					
5 L/min	–	–	–	0.6 cm H ₂ O	–
20 L/min	–	–	1.6 cm H ₂ O	–	–
30 L/min	0.9 cm H ₂ O	1.2 cm H ₂ O	2.6 cm H ₂ O	–	1.2 cm H ₂ O
60 L/min	2.1 cm H ₂ O	2.9 cm H ₂ O	–	–	2.7 cm H ₂ O
90 L/min	3.6 cm H ₂ O	5.2 cm H ₂ O	–	–	4.6 cm H ₂ O
Filtration Efficiency:**					
Bacterial	99.999%	>99.99%	99.999%	99.999%	>99.999%
Viral	99.999%	>99.99%	>99.99%	>99.99%	>99.999%
Dead Space†	90 mL	61 mL	31 mL	10 mL	66 mL
Weight (approx.)	50 g	29 g	21 g	9 g	36 g
Type of Filtration	Electrostatic	Electrostatic	Electrostatic	Electrostatic	Mechanical

Small mechanical filter protect against microbes as small as 0.02 µ. All products are sold 50/box.

12A



12B



12C



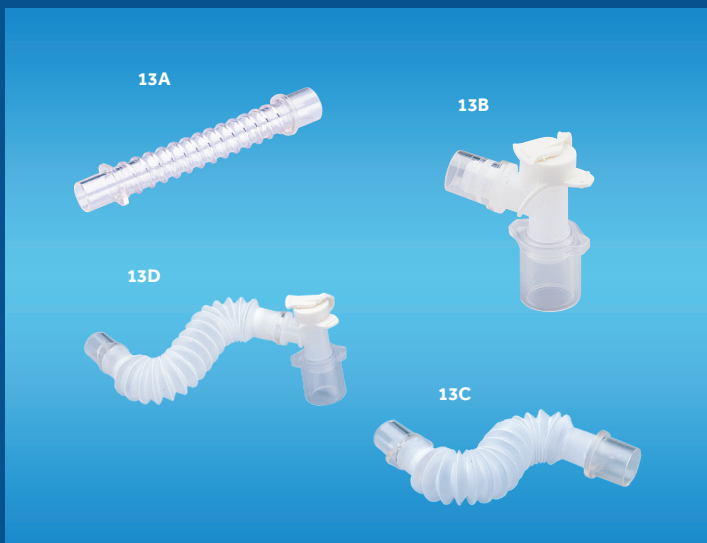
12D



- 12A. Adult-pediatric mechanical HME warms and humidifies air for spontaneously breathing tracheostomy patients. Built-in oxygen port.
- 12B. Adult-pediatric mechanical HME features an end-tidal CO₂ sampling port.
- 12C. Tracheolife III HME
- 12D. Adult-pediatric mechanical HME with connector features integral extendable connector.

	Adult-pediatric mechanical HME with catheter mount	Adult-pediatric mechanical HME	Tracheolife III adult-pediatric mechanical HME	Adult-pediatric mechanical HME with connector
CATALOG NUMBER	353U19004	353U5413	353S19046	353U5908
Moisture Output @ 2 hrs (ISO 9360)	mg H₂O/L	mg H₂O/L	mg H₂O/L	mg H₂O/L
Vt 250 mL	–	28.8	–	20.5
Vt 500 mL	28.5	29.5	33	31.0
Vt 750 mL	–	31.2	–	29.7
Vt 1000 mL	–	30.4	–	29.6
Resistance to Flow at: (ISO 9360)				
30 L/min	0.7 cm H ₂ O	0.7 cm H ₂ O	0.6cmH ₂ O	0.5 cm H ₂ O
60 L/min	1.8 cm H ₂ O	2.0 cm H ₂ O	1.1 cm H ₂ O	1.1 cm H ₂ O
90 L/min	3.0 cm H ₂ O	3.8 cm H ₂ O	1.7 cm H ₂ O	2.0 cm H ₂ O
Dead Space†	16 mL	36 mL	13 mL	60 mL (compressed) 75 mL (extended)
Weight (approx.)	8.5 g	24 g	8.0 g	12 g
Oxygen Volume	<4 L/min	–	–	–

DAR™ accessories for filters and HMEs



- 13A. Extension tube moves connection away from face and provides excellent flexibility while maintaining inner lumen diameter. Catalog number 332U5115.
- 13B. Double-swivel connector connects to face mask or tracheal tube and allows for patient movement. Catalog number 610U5257.
- 13C. Extendable extension tube expands from 4 cm to 13 cm and holds shape for better positioning of the breathing circuit. Catalog number 332U5663. Also available sterile. Catalog number 332/5663.
- 13D. 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 331U5661.

DESCRIPTION	CATALOG NO.	BOX/CASE QTY
Extension tube	332U5115	25
Double-swivel connector	610U5257	50
Extendable extension tube	332U5663	25
Double-swivel connector with extendable extension tube	331U5661	25

1. Pandian V, Boisen SE, Mathews S, Cole T. Are Fenestrated Tracheostomy Tubes Still Valuable? *American Journal Of Speech-Language Pathology*. 2019;28(3):1019-1028. doi:10.1044/2019_AJSLP-18-0187.

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