FEATURE AND SPECIFICATION COMPARISON GUIDE

Shiley™ flexible adult tracheostomy tubes

Shiley™ flexible tracheostomy tubes for adult patients feature several design advances, based on clinical input, compared to the previous version of Shiley™ tracheostomy tubes.† The table below summarizes these design enhancements.

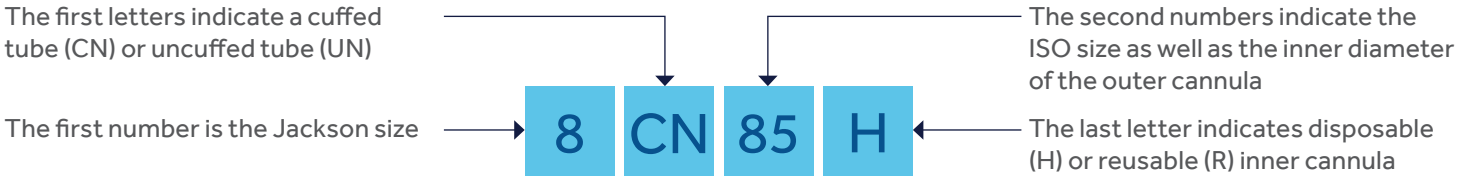




Traditional Shiley™ tracheostomy tube product line	Shiley™ flexible adult tracheostomy tubes	
Flange		COMFORT
▪ Flange is more rigid. ▪ Opaque color does not allow visualization of underlying skin. ▪ Firm, opaque PVC material ▪ Soft swivel neck with tracheostomy ties for securing	▪ Soft recessed flange is designed to reduce contact with the stoma site. ▪ Clear flange allows enhanced visualization of the underlying skin.	
Material		
▪ Sturdy PVC material	▪ Tube cannula is made with a softer material than that used in the earlier generation of Shiley™ tracheostomy tubes.	
Cuff		HELPS WEANING
Traditional high volume, low pressure barrel-shaped cuff	▪ Low-profile Taperguard™ taper-shaped cuff ▪ Reduces insertion force by 39% compared to the Shiley™ DCT tracheostomy tube cuffed.[1] ▪ Exerts 18.6%[2] less lateral wall pressure on the trachea than the Shiley™ DCT tube with a traditional barrel-shaped cuff.[1] ▪ Reduces fluid leakage by 96% at a lower cuff pressure versus the Shiley™ DCT tracheostomy tube.[3]	
Airflow		
▪ Multiple products to provide optimized airway airflow around the outer cannula	▪ Airflow around the outer cannula when the cuff is deflated has increased by an average of 242% compared to the Shiley™ DCT tracheostomy tube.[1] ▪ Improved airflow may reduce the work of breathing required to speak and wean from a tracheostomy tube.[4]	
Sizing		EASY TO USE
▪ Traditional Jackson sizing 4,6,8,10	▪ Expanded color coded Shiley™ Jackson sizing to include 4,5, 6,7,8,9,10	
Connector		
▪ 15-mm connector is part of the disposable or reusable inner cannula.	▪ Integrated 15-mm connector enables ventilation with or without an inner cannula.	

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Product code logic and sizing for the Shiley™ flexible tracheostomy tubes



		Previous Shiley™ tracheostomy tubes with disposable inner cannula		Shiley™ flexible adult tracheostomy tubes with disposable inner cannula	
Size		SKU		SKU	
Jackson	ISO	Cuffed	Cuffless	Cuffed	Cuffless
4	6.5	4DCT	4DCFS	4CN65H	4UN65H
5	7.0			5CN70H	5UN70H
6	7.5	6DCT	6DCFS	6CN75H	6UN75H
7	8.0			7CN80H	7UN80H
8	8.5	8DCT	8DCFS	8CN85H	8UN85H
9	9.0			9CN90H	9UN90H
10	10.0	10DCT	10DCFS	10CN10H	10UN10H

		Previous Shiley™ tracheostomy tubes with reusable inner cannula		Shiley™ flexible adult tracheostomy tubes with reusable inner cannula	
Size		SKU		SKU	
Jackson	ISO	Cuffed	Cuffless	Cuffed	Cuffless
4	6.5	4LPC	4CFS	4CN65R	4UN65R
5	7.0			5CN70R	5UN70R
6	7.5	6LPC	6CFS	6CN75R	6UN75R
7	8.0			7CN80R	7UN80R
8	8.5	8LPC	8CFS	8CN85R	8UN85R
9	9.0			9CN90R	9UN90R
10	10.0	10LPC	10CFS	10CN10R	10UN10R

† Previous Shiley tracheostomy tubes refers to Shiley DCT, DCFS, DCFN, DFEN, LPC, CFS, CFN, FEN and Perc tracheostomy tubes.

Specification overview

- Equivalent outer diameter and inner diameter sizing (with the inner cannula in place)
- Equivalent tube length across disposable inner cannula product lines
- Tube length of previous Shiley™ reusable inner cannula product line is longer than Shiley™ flexible reusable product line. The Shiley™ flexible reusable tube length is now the same as the new Shiley™ flexible disposable tube length
- Cuff resting diameter has changed due to the lower-profile cuff on the Shiley™ flexible tracheostomy product line
- Additional sizes available in the Shiley™ flexible tracheostomy product line

View the Shiley™ flexible tracheostomy tube in-service training video.

1. Based on internal testing comparing the Shiley™ Flexible adult tracheostomy tube with TaperGuard™ cuff to the Shiley™ DCT tracheostomy tube cuffed. Data on file.
2. Internal testing results Athlone 2013. Results reflect measurements taken for size 7.5 Shiley™ Flexible adult tracheostomy tube compared to the Shiley™ 6DCT tracheostomy tube at 20 cm H,O. Data on file.
3. Internal benchtop testing results Athlone 2013. Results reflect testing the Shiley™ Flexible adult tracheostomy tube with TaperGuard™ cuff, disposable inner cannula at 20 cm H20 versus the Shiley™ DCT tracheostomy tube with disposable Inner cannula at 25 cm H20.
4. Mullins JB, Templer JW, Kong J, Davis WE, Hinson J Jr. Airway resistance and work of breathing in tracheostomy tubes. *Laryngoscope.*1993;103(12):1367-1372.

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