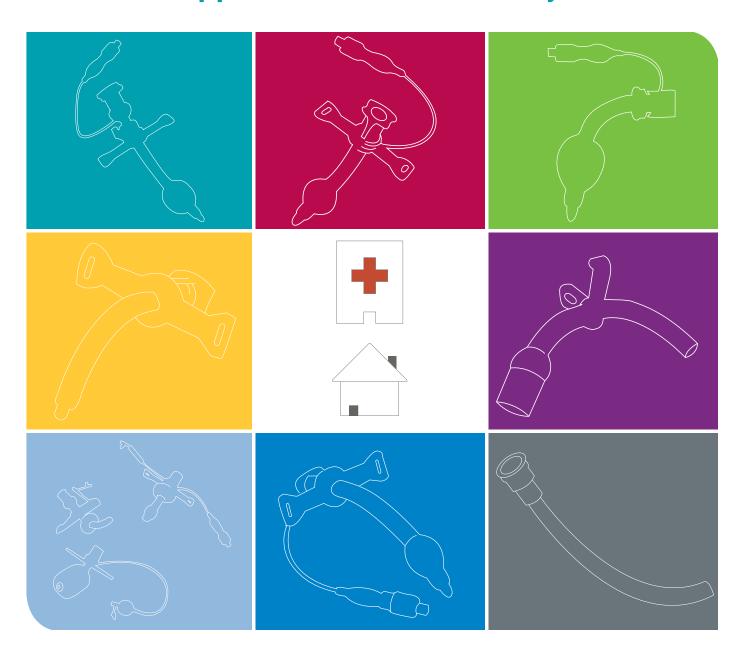


### BIVONA® silicone tracheostomy tube range The softer approach to tracheostomy



**AIRWAY MANAGEMENT** 



For over 70 years, the name of Portex® has been synonymous with the values of quality, reliability and innovation. These core values are as strong as they have ever been, with constant investment in quality systems and research and development.

Our range of Bivona® tubes embrace these core values to provide a range of high quality silicone products that ultimately give your patients a softer approach to tracheostomy.

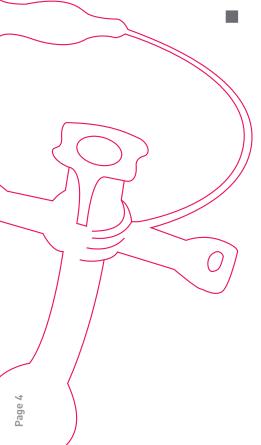
## Contents

Bivona® Silicone Tubes		4-5
Bivona®: For Choice, Quality & Design		6-7
Bivona® TTS™		8-9
Bivona® Aire Cuf®		10-11
Bivona® Fome-Cuf®		12-13
Bivona® Cuffless		14-15
Bivona® Adjustable Hyperflex™		16-17
Bivona® Fixed Flange Hyperflex™		18-19
Bivona® Flextend™		20-21
Bivona® FlexTend™ TTS™		22-23
Bivona® Sleep Apnea Tubes		24-25
Bivona® Laryngectomy Tubes	•	24-25
Bivona® Epistaxis Catheter		26
Bivona® Customised		27
Accessories		28

Page

### Silicone is a material with many ideal qualities, offering important advantages over conventional tube materials:

- Softness and flexibility
  - For comfort and ease of use
- Biocompatibility
  - Hydrophobic and hypoallergenic, tissue-friendly and easy to clean
- Durability
  - Robust for reliable reprocessing, withstands repeated reprocessing up to ten times for an adult tube and five times for a neonatal or paediatric tube.



Bivona® silicone tubes add advanced design features to the benefits of silicone. Available in a range of tube configuration options to suit each age, size and application requirement. Customised options are also available.

### For quality.

Quality is our passion in everything we do. You can be assured of the highest possible standards when using our range of Bivona® tracheostomy tubes.

### For choice.

Combining the softness and flexibility of silicone, with an extensive range of size and shape options for all ages. We are unique in offering a silicone tube that has the additional benefits of an Inner Cannula, making the Bivona® range a perfect solution for patients whether at home or in a hospital.

### For design.

Integrating unique features that may help to aid patient comfort and ease of use.

### For useability and safety.

Hydrophobic material for easy cleaning, free from DEHP, latex and plasticizers.

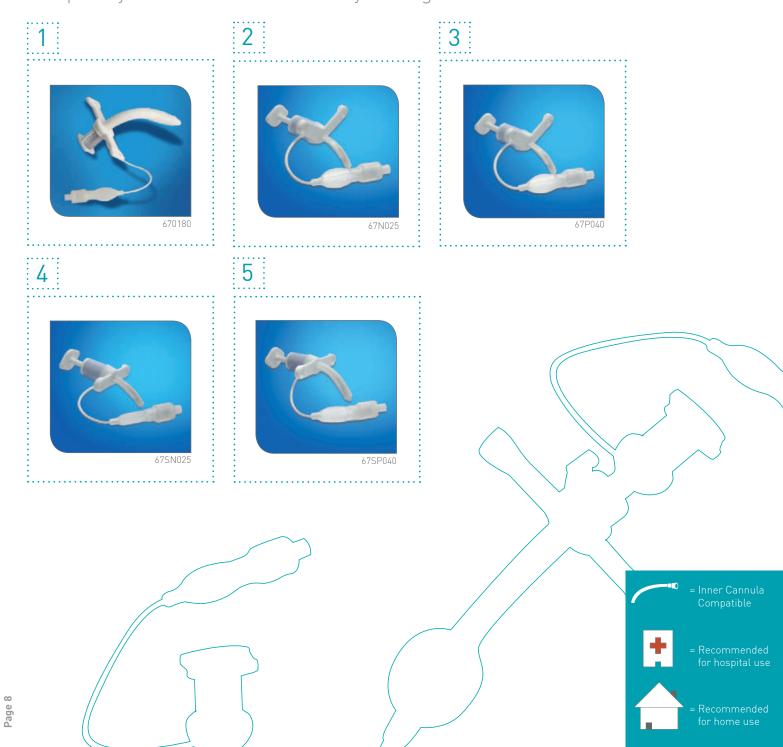
### For cost-efficiency.

and reprocessed up to ten times

# Bivona® TTS TM

### **Tight to Shaft**

The TTS<sup>™</sup> cuff design offers the benefits of a cuff with the profile of a cuffless tube. When the silicone cuff is totally deflated it adds no significant dimension to the outer diameter of the tube's shaft, yet it can be partially or completely inflated for varied airway management needs.





Bivona® TTS™ Cuffed Tracheostomy Tubes

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE O.D.	TUBE LENGTH	UNITS PER CASE
670150	5.0 mm	5.0 mm	7.4 mm	60.0 mm	1
670160	6.0 mm	6.0 mm	8.8 mm	70.0 mm	1
670170	7.0 mm	7.0 mm	10.0 mm	80.0 mm	1
670175	7.5 mm	7.5 mm	10.5 mm	80.0 mm	1
670180	8.0 mm	8.0 mm	11.0 mm	88.0 mm	1
670185	8.5 mm	8.5 mm	11.8 mm	88.0 mm	1
670190	9.0 mm	9.0 mm	12.3 mm	98.0 mm	1

2

Bivona® TTS™ Cuffed Neonatal "V" Neck Flange Tracheostomy Tubes

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	TUBE LENGTH	UNITS PER CASE
67NO25	2.5 mm	2.5 mm	4.0 mm	30.0 mm	1
67N030	3.0 mm	3.0 mm	4.7 mm	32.0 mm	1
67N035	3.5 mm	3.5 mm	5.3 mm	34.0 mm	1
67N040	4.0 mm	4.0 mm	6.0 mm	36.0 mm	1

3

Bivona® TTS™ Cuffed Paediatric "V" Neck Flange Tracheostomy Tubes

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	TUBE LENGTH	UNITS PER CASE
67P025	2.5 mm	2.5 mm	4.0 mm	38.0 mm	1
67P030	3.0 mm	3.0 mm	4.7 mm	39.0 mm	1
67P035	3.5 mm	3.5 mm	5.3 mm	40.0 mm	1
67P040	4.0 mm	4.0 mm	6.0 mm	41.0 mm	1
67P045	4.5 mm	4.5 mm	6.7 mm	42.0 mm	1
67P050	5.0 mm	5.0 mm	7.3 mm	44.0 mm	1
67P055	5.5 mm	5.5 mm	8.0 mm	46.0 mm	1

4

Bivona® TTS™ Cuffed Neonatal "Straight" Neck Flange Tracheostomy Tubes

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	TUBE LENGTH	UNITS PER CASE
67SN025	2.5 mm	2.5 mm	4.0 mm	30.0 mm	1
67SN030	3.0 mm	3.0 mm	4.7 mm	32.0 mm	1
67SN035	3.5 mm	3.5 mm	5.3 mm	34.0 mm	1
67SN040	4.0 mm	4.0 mm	6.0 mm	36.0 mm	1

Rivona® TTC™	Cuffod Dandiatric	"Straight" Nock	Flange Tracheostomy	, Tuboc

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	TUBE LENGTH	UNITS PER CASE
67SP025	2.5 mm	2.5 mm	4.0 mm	38.0 mm	1
67SP030	3.0 mm	3.0 mm	4.7 mm	39.0 mm	1
67SP035	3.5 mm	3.5 mm	5.3 mm	40.0 mm	1
67SP040	4.0 mm	4.0 mm	6.0 mm	41.0 mm	1
67SP045	4.5 mm	4.5 mm	6.7 mm	42.0 mm	1
67SP050	5.0 mm	5.0 mm	7.3 mm	44.0 mm	1
67SP055	5.5 mm	5.5 mm	8.0 mm	46.0 mm	1

# Bivona® Aire-Cuf®

A flexible, adjustable tube with an air-filled cuff. Neonatal and paediatric are reinforced to give a high level of kink and crush resistance.



Inner Cannula

Recommended for hospital use

Recommended for home use



Bivona® Mid-Range Aire-Cuf® Tracheostomy Tubes

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	TUBE LENGTH	UNITS PER CASE
750150	5.0 mm	5.0 mm	7.4 mm	60.0 mm	1
750160	6.0 mm	6.0 mm	8.8 mm	70.0 mm	1
750170	7.0 mm	7.0 mm	10.0 mm	80.0 mm	1
750180	8.0 mm	8.0 mm	11.0 mm	88.0 mm	1
750190	9.0 mm	9.0 mm	12.3 mm	98.0 mm	1
750195	9.5 mm	9.5 mm	13.3 mm	98.0 mm	1

2

Bivona® Mid-Range Aire-Cuf® Tracheostomy Tubes with Talk Attachment

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	TUBE LENGTH	UNITS PER CASE
755150	5.0 mm	5.0 mm	7.4 mm	60.0 mm	1
755160	6.0 mm	6.0 mm	8.8 mm	70.0 mm	1
755170	7.0 mm	7.0 mm	10.0 mm	80.0 mm	1
755180	8.0 mm	8.0 mm	11.0 mm	88.0 mm	1
755190	9.0 mm	9.0 mm	12.3 mm	98.0 mm	1
755195	9.5 mm	9.5 mm	13.3 mm	98.0 mm	1

3

Bivona® Aire-Cuf® Neonatal "V" Neck Flange Tracheostomy Tubes

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	TUBE LENGTH	UNITS PER CASE
65N025	2.5 mm	2.5 mm	4.0 mm	30.0 mm	1
65N030	3.0 mm	3.0 mm	4.7 mm	32.0 mm	1
65N035	3.5 mm	3.5 mm	5.3 mm	34.0 mm	1
65N040	4.0 mm	4.0 mm	6.0 mm	36.0 mm	1

4

Bivona® Aire-Cuf® Paediatric "V" Neck Flange Tracheostomy Tubes

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE O.D.	TUBE LENGTH	UNITS PER CASE
65P025	2.5 mm	2.5 mm	4.0 mm	38.0 mm	1
65P030	3.0 mm	3.0 mm	4.7 mm	39.0 mm	1
65P035	3.5 mm	3.5 mm	5.3 mm	40.0 mm	1
65P040	4.0 mm	4.0 mm	6.0 mm	41.0 mm	1
65P045	4.5 mm	4.5 mm	6.7 mm	42.0 mm	1
65P050	5.0 mm	5.0 mm	7.3 mm	44.0 mm	1
65P055	5.5 mm	5.5 mm	8.0 mm	46.0 mm	1

5

Bivona® Aire-Cuf® Neonatal "Straight" Neck Flange Tracheostomy Tubes

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	TUBE LENGTH	UNITS PER CASE
65SN025	2.5 mm	2.5 mm	4.0 mm	30.0 mm	1
65SN030	3.0 mm	3.0 mm	4.7 mm	32.0 mm	1
65SN035	3.5 mm	3.5 mm	5.3 mm	34.0 mm	1
65SN040	4.0 mm	4.0 mm	6.0 mm	36.0 mm	1

Bivona® Aire-Cuf®	Pandiatric	"Strainht"	Nock Flance	Trachenstomy	Tuhas
Divolla Alle-Cui	raeulaliil	Ju alylic	NECK Flamye	II aciieosioiii	lubes

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	TUBE LENGTH	UNITS PER CASE
65SP025	2.5 mm	2.5 mm	4.0 mm	38.0 mm	1
65SP030	3.0 mm	3.0 mm	4.7 mm	39.0 mm	1
65SP035	3.5 mm	3.5 mm	5.3 mm	40.0 mm	1
65SP040	4.0 mm	4.0 mm	6.0 mm	41.0 mm	1
65SP045	4.5 mm	4.5 mm	6.7 mm	42.0 mm	1
65SP050	5.0 mm	5.0 mm	7.3 mm	44.0 mm	1
65SP055	5.5 mm	5.5 mm	8.0 mm	46.0 mm	1

# Bivona® Fome-Cuf®

This innovative cuff expansion system expands to provide a tracheal seal to prevent leaks and protect against aspiration. The Fome-Cuf® reduces the risk of tracheal dilation by automatically adjusting to changes in the shape of the patient's trachea.











Bivona® Fome-Cuf® Tracheostomy Tubes

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	TUBE LENGTH	UNITS PER CASE
850150	5.0 mm	5.0 mm	7.3 mm	60.0 mm	1
850160	6.0 mm	6.0 mm	8.7 mm	70.0 mm	1
850170	7.0 mm	7.0 mm	10.0 mm	80.0 mm	1
850180	8.0 mm	8.0 mm	11.0 mm	88.0 mm	1
850190	9.0 mm	9.0 mm	12.3 mm	98.0 mm	1
850195	9.5 mm	9.5 mm	13.3 mm	98.0 mm	1

2

Bivona® Fome-Cuf® Tracheostomy Tubes with Talk Attachment

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	TUBE LENGTH	UNITS PER CASE
855150	5.0 mm	5.0 mm	7.3 mm	60.0 mm	1
855160	6.0 mm	6.0 mm	8.7 mm	70.0 mm	1
855170	7.0 mm	7.0 mm	10.0 mm	80.0 mm	1
855180	8.0 mm	8.0 mm	11.0 mm	88.0 mm	1
855190	9.0 mm	9.0 mm	12.3 mm	98.0 mm	1

3

Bivona® Fome-Cuf® Neonatal "V" Neck Flange Tracheostomy Tubes

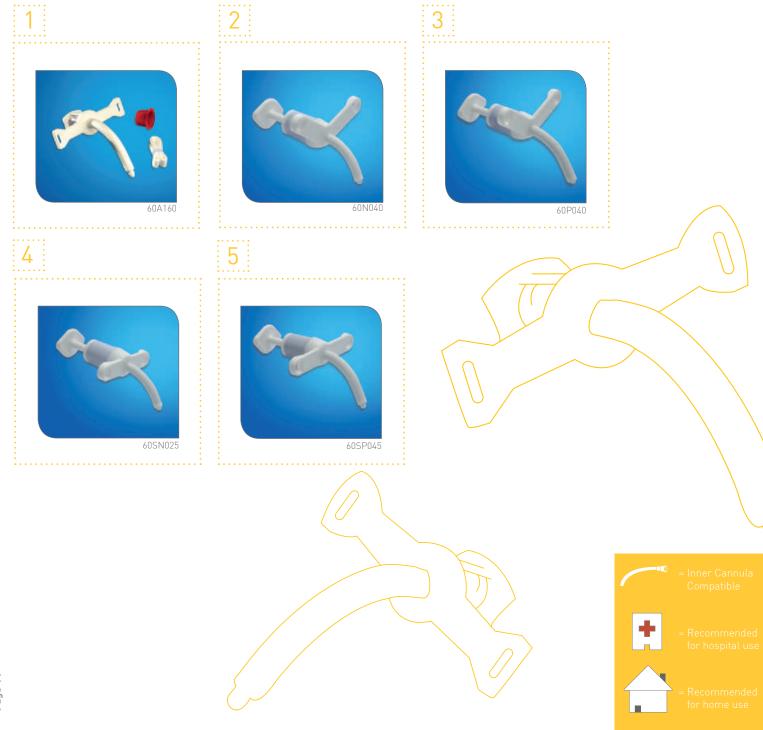
PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	TUBE LENGTH	UNITS PER CASE
85N030	3.0 mm	3.0 mm	4.7 mm	32.0 mm	1
85N035	3.5 mm	3.5 mm	5.3 mm	34.0 mm	1
85N040	4.0 mm	4.0 mm	6.0 mm	36.0 mm	1

Bivona® Fome-Cuf® Paediat	ric "V" Neck Fla	nge Tracheostom	y Tubes
---------------------------	------------------	-----------------	---------

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE O.D.	TUBE LENGTH	UNITS PER CASE
85P025	2.5mm	2.5mm	4.0 mm	38.0 mm	1
85P030	3.0 mm	3.0 mm	4.7 mm	39.0 mm	1
85P035	3.5 mm	3.5 mm	5.3 mm	40.0 mm	1
85P040	4.0 mm	4.0 mm	6.0 mm	41.0 mm	1
85P045	4.5 mm	4.5 mm	6.7 mm	42.0 mm	1
85P050	5.0 mm	5.0 mm	7.3 mm	44.0 mm	1
85P055	5.5 mm	5.5 mm	8.0 mm	46.0 mm	1

# Bivona® Cuffless

Bivona® uncuffed tracheostomy tubes with there all-silicone construction are intended to provide maximum comfort. The silicone tube material is hydrophobic and hypoallergenic, allowing for a tube that is tissue-friendly and easy to clean.





Bivona® Uncuffed Tracheostomy Tubes

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	TUBE LENGTH	UNITS PER CASE
60A150	5.0 mm	5.0 mm	7.4 mm	60.0 mm	1
60A160	6.0 mm	6.0 mm	8.8 mm	70.0 mm	1
60A170	7.0 mm	7.0 mm	10.0 mm	80.0 mm	1
60A180	8.0 mm	8.0 mm	11.0 mm	88.0 mm	1
60A190	9.0 mm	9.0 mm	12.3 mm	98.0 mm	1

2

Bivona® Uncuffed Neonatal "V" Neck Flange Tracheostomy Tubes

PRODUCT CODE	,	TUBE I.D.	TUBE 0.D.	TUBE LENGTH	UNITS PER CASE
60NO25	2.5mm	2.5mm	4.0 mm	30.0 mm	1
60NO30	3.0 mm	3.0 mm	4.7 mm	32.0 mm	1
60NO35	3.5 mm	3.5 mm	5.3 mm	34.0 mm	1
60NO40	4.0 mm	4.0 mm	6.0 mm	36.0 mm	1

Bivona® Uncuffed Paediatric "V" Neck Flange Tracheostomy Tubes

		•	•		
PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	TUBE LENGTH	UNITS PER CASE
60P025	2.5 mm	2.5 mm	4.0 mm	38.0 mm	1
60P030	3.0 mm	3.0 mm	4.7 mm	39.0 mm	1
60P035	3.5 mm	3.5 mm	5.3 mm	40.0 mm	1
60P040	4.0 mm	4.0 mm	6.0 mm	41.0 mm	1
60P045	4.5 mm	4.5 mm	6.7 mm	42.0 mm	1
60P050	5.0 mm	5.0 mm	7.3 mm	44.0 mm	1
60P055	5.5 mm	5.5 mm	8.0 mm	46.0 mm	1

4

Bivona® Uncuffed Neonatal Straight Neck Flange Tracheostomy Tubes

PRODUCT CODE	· IODE		TUBE 0.D.	TUBE LENGTH	UNITS PER CASE
60SN025	2.5 mm	2.5mm	4.0 mm	30.0 mm	1
60SN030	3.0 mm	3.0 mm	4.7 mm	32.0 mm	1
60SN035	3.5 mm	3.5 mm	5.3 mm	34.0 mm	1
60SN040	4.0 mm	4.0 mm	6.0 mm	36.0 mm	1

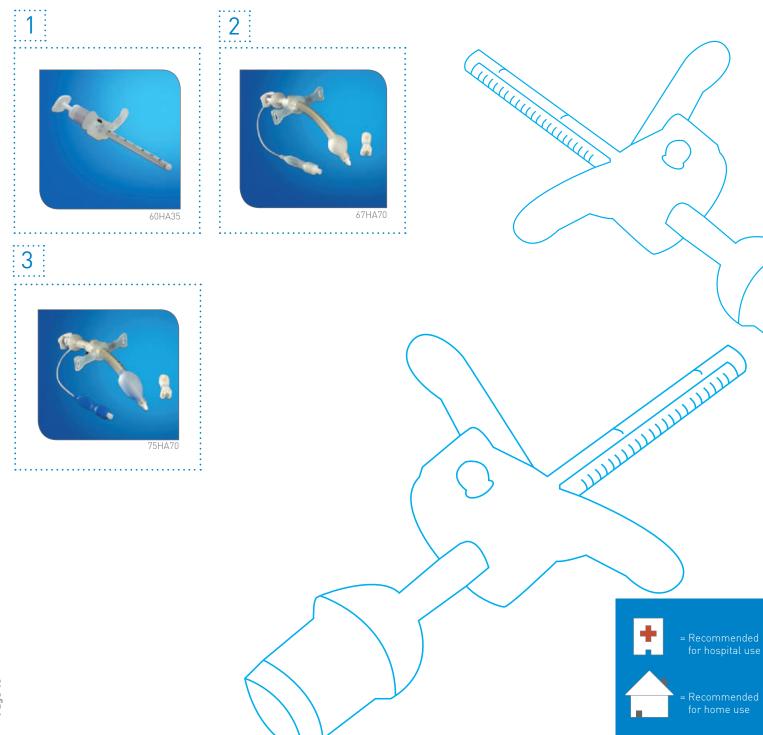
5

Bivona® Uncuffed Paediatric Straight Neck Flange Tracheostomy Tubes

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	TUBE LENGTH	UNITS PER CASE
60SP025	2.5 mm	2.5 mm	4.0 mm	38.0 mm	1
60SP030	3.0 mm	3.0 mm	4.7 mm	39.0 mm	1
60SP035	3.5 mm	3.5 mm	5.3 mm	40.0 mm	1
60SP040	4.0 mm	4.0 mm	6.0 mm	41.0 mm	1
60SP045	4.5 mm	4.5 mm	6.7 mm	42.0 mm	1
60SP050	5.0 mm	5.0 mm	7.3 mm	44.0 mm	1
60SP055	5.5 mm	5.5 mm	8.0 mm	46.0 mm	1

# Bivona® Adjustable Hyperflex™

A one-size-fits-all tube that can be instantly customised to fit your patient. It can be adjusted for horizontal and vertical shaft drop to accomodate unusual anatomy or pathology. Flexible wire-reinforced silicone shafts provide kink and crush resistance.





### Bivona® Uncuffed Adjustable Neck Flange Hyperflex™ Paediatric"V" Tracheostomy Tubes

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	TUBE LENGTH	UNITS PER CASE
60HA25	2.5 mm	2.5 mm	4.0 mm	56.0 mm	1
60HA30	3.0 mm	3.0 mm	4.7 mm	61.0 mm	1
60HA35	3.5 mm	3.5 mm	5.3 mm	66.0 mm	1
60HA40	4.0 mm	4.0 mm	6.0 mm	71.0 mm	1
60HA45	4.5 mm	4.5 mm	6.7 mm	76.0 mm	1
60HA50	5.0 mm	5.0 mm	7.3 mm	81.0 mm	1
60HA55	5.5 mm	5.5 mm	8.0 mm	86.0 mm	1

2

#### Bivona® TTS™ Adjustable Neck Flange Hyperflex™ Tracheostomy Tubes

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	TUBE LENGTH	UNITS PER CASE
67HA60	6.0 mm	6.0 mm	9.2 mm	110.0 mm	1
67HA70	7.0 mm	7.0 mm	10.6 mm	120.0 mm	1
67HA80	8.0 mm	8.0 mm	11.7 mm	130.0 mm	1
67HA90	9.0 mm	9.0 mm	12.9 mm	140.0 mm	1

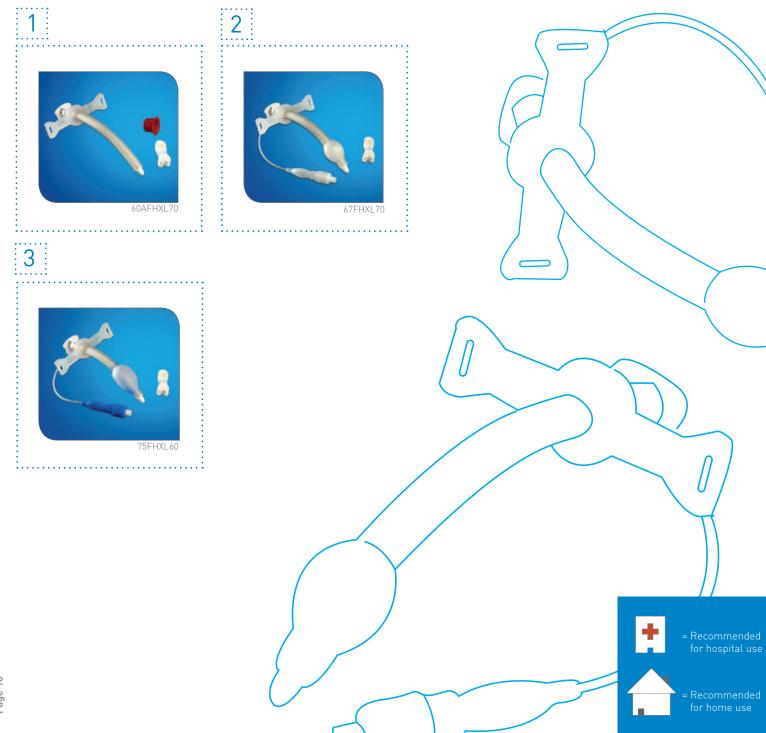
3

#### Bivona® Aire-Cuf® Adjustable Neck Flange Hyperflex™ Tracheostomy Tubes

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	TUBE LENGTH	UNITS PER CASE
75HA60	6.0 mm	6.0 mm	9.2 mm	110.0 mm	1
75HA70	7.0 mm	7.0 mm	10.6 mm	120.0 mm	1
75HA80	8.0 mm	8.0 mm	11.7 mm	130.0 mm	1
75HA90	9.0 mm	9.0 mm	12.9 mm	140.0 mm	1

# Bivona® Fixed Flange Hyperflex™

With a longer than standard shaft, this tube provides both extra vertical and horizontal length for a more permanent solution. Flexible wire-reinforced silicone shaft provides improved kink and crush resistance.





Bivona® Uncuffed Extra Length Fixed Neck Flange Hyperflex™ Tracheostomy Tubes

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	TUBE LENGTH	UNITS PER CASE
60AFHXL60	6.0 mm	6.0 mm	9.2 mm	110.0 mm	1
60AFHXL70	7.0 mm	7.0 mm	10.6 mm	120.0 mm	1
60AFHXL80	8.0 mm	8.0 mm	11.7 mm	130.0 mm	1
60AFHXL90	9.0 mm	9.0 mm	12.9 mm	140.0 mm	1

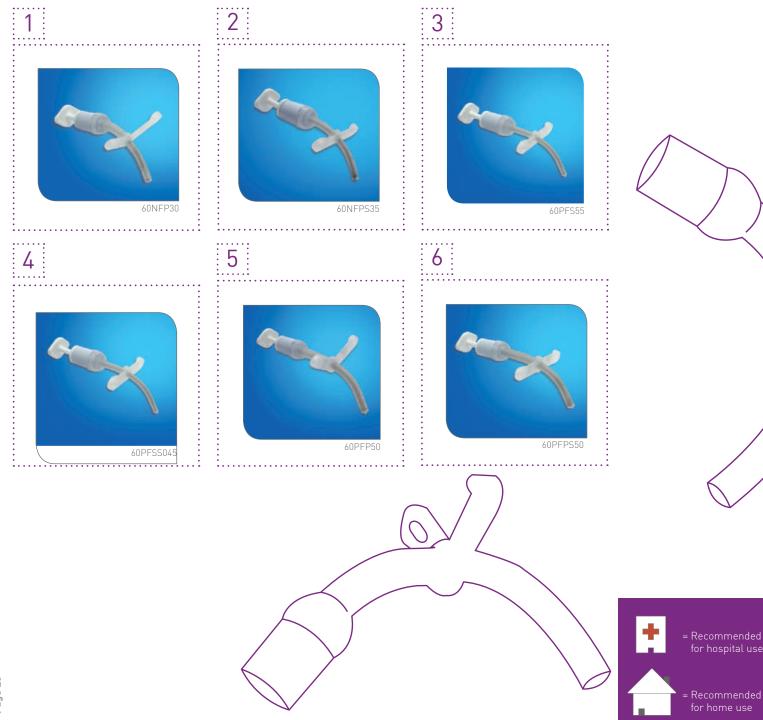
2

Bivona® TTS™ Extra Length Fixed Neck Flange Hyperflex™ Tracheostomy Tubes						
PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	TUBE LENGTH	UNITS PER CASE	
67FHXL60	6.0 mm	6.0 mm	9.2 mm	100.0 mm	1	
67FHXL70	7.0 mm	7.0 mm	10.6 mm	110.0 mm	1	
67FHXL80	8.0 mm	8.0 mm	11.7 mm	120.0 mm	1	
67FHXL90	9.0 mm	9.0 mm	12.9 mm	130.0 mm	1	

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE O.D.	TUBE LENGTH	UNITS PER CASE
75FHXL60	6.0 mm	6.0 mm	9.2 mm	110.0 mm	1
75FHXL70	7.0 mm	7.0 mm	10.6 mm	120.0 mm	1
75FHXL80	8.0 mm	8.0 mm	11.7 mm	130.0 mm	1
75FHXL90	9.0 mm	9.0 mm	12.9 mm	140.0 mm	1

## Bivona® FlexTend™

Reinforced proximal and distal sections provide a high level of kink and crush resistance. Extended tubes may help minimise chin abrasions on "no-neck" patients.





Bivona® FlexTend™ Uncuffed Neonatal "V" Neck Flange Tracheostomy Tubes PRODUCT CODE TUBE SIZE TUBE I.D. TUBE 0.D. PROXIMAL LENGTH UNITS PER CASE DISTAL LENGTH 30.0 mm 60NFP25 2.5 mm 2.5 mm 4.0 mm 20.0 mm 20.0 mm 32.0 mm 60NFP30 3.0 mm 4.7 mm 3.0 mm 60NFP35 3.5 mm 5.3 mm 34.0 mm 3.5 mm 20.0 mm 60NFP40 4.0 mm 4.0 mm 6.0 mm 20.0 mm 36.0 mm

2

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	PROXIMAL LENGTH	DISTAL LENGTH	UNITS PER CASE
60NFPS25	2.5 mm	2.5 mm	4.0 mm	20.0 mm	30.0 mm	1
60NFPS30	3.0 mm	3.0 mm	4.7 mm	20.0 mm	32.0 mm	1
60NFPS35	3.5 mm	3.5 mm	5.3 mm	20.0 mm	34.0 mm	1
60NFPS40	4.0 mm	4.0 mm	6.0 mm	20.0 mm	36.0 mm	1

3

sivona" Flex Iend	Uncuffed Paediatric	v Neck Flan	ige Tracheosto	my Tubes		
PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	PROXIMAL LENGTH	DISTAL LENGTH	UNITS PER CASE
60PFS25	2.5 mm	2.5 mm	4.0 mm	20.0 mm	38.0 mm	1
60PFS30	3.0 mm	3.0 mm	4.7 mm	20.0 mm	39.0 mm	1
60PFS35	3.5 mm	3.5 mm	5.3 mm	20.0 mm	40.0 mm	1
60PFS40	4.0 mm	4.0 mm	6.0 mm	20.0 mm	41.0 mm	1
60PFS45	4.5 mm	4.5 mm	6.7 mm	30.0 mm	42.0 mm	1
60PFS50	5.0 mm	5.0 mm	7.3 mm	30.0 mm	44.0 mm	1
60PFS55	5.5 mm	5.5 mm	8.0 mm	30.0 mm	46.0 mm	1

4

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE O.D.	PROXIMAL LENGTH	DISTAL LENGTH	PER CASE
60PFSS25	2.5 mm	2.5 mm	4.0 mm	20.0 mm	38.0 mm	1
60PFSS30	3.0 mm	3.0 mm	4.7 mm	20.0 mm	39.0 mm	1
60PFSS35	3.5 mm	3.5 mm	5.3 mm	20.0 mm	40.0 mm	1
60PFSS40	4.0 mm	4.0 mm	6.0 mm	20.0 mm	41.0 mm	1
60PFSS45	4.5 mm	4.5 mm	6.7 mm	30.0 mm	42.0 mm	1
60PFSS50	5.0 mm	5.0 mm	7.3 mm	30.0 mm	44.0 mm	1
60PFSS55	5.5 mm	5.5 mm	8.0 mm	30.0 mm	46.0 mm	1

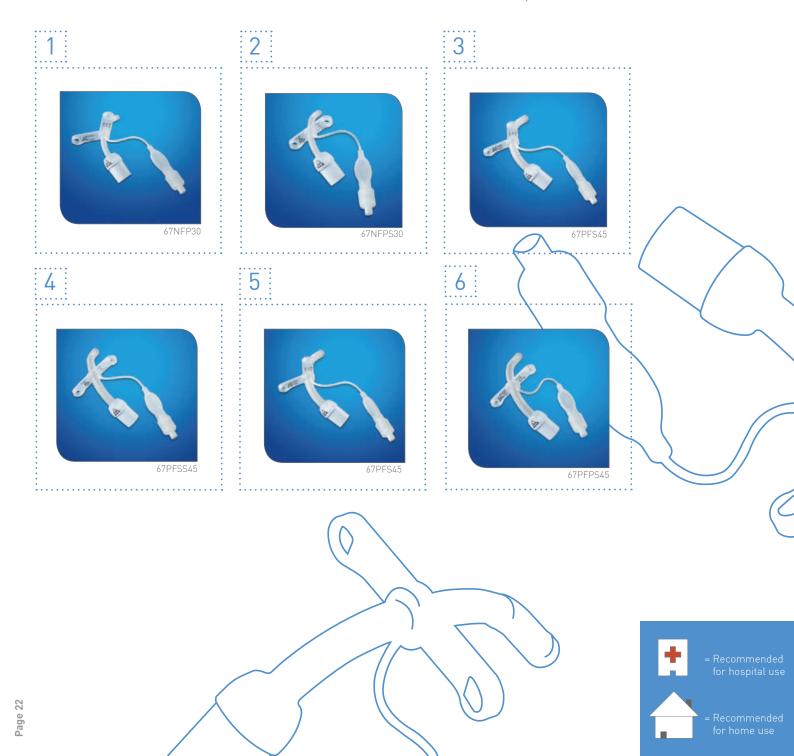
5

Bivona® FlexTend™ Plus (Ex	Bivona® FlexTend™ Plus (Extra Length) Uncuffed Paediatric "V" Neck Flange Tracheostomy Tubes						
PRODUCT CODE				PROXIMAL LENGTH	DISTAL LENGTH	UNITS PER CASE	
60PFP40	4.0 mm	4.0 mm	6.0 mm	30.0 mm	44.0 mm	1	
60PFP45	4.5 mm	4.5 mm	6.7 mm	30.0 mm	48.0 mm	1	
60PFP50	5.0 mm	5.0 mm	7.3 mm	30.0 mm	50.0 mm	1	
60PFP55	5.5 mm	5.5 mm	8.0 mm	30.0 mm	52.0 mm	1	
60PFP60	6.0 mm	6.0 mm	8.7 mm	30.0 mm	56.0 mm	1	

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	PROXIMAL LENGTH	DISTAL LENGTH	UNITS PER CASE
60PFPS40	4.0 mm	4.0 mm	6.0 mm	30.0 mm	44.0 mm	1
60PFPS45	4.5 mm	4.5 mm	6.7 mm	30.0 mm	48.0 mm	1
60PFPS50	5.0 mm	5.0 mm	7.3 mm	30.0 mm	50.0 mm	1
60PFPS55	5.5 mm	5.5 mm	8.0 mm	30.0 mm	52.0 mm	1
60PFPS60	6.0 mm	6.0 mm	8.7 mm	30.0 mm	56.0 mm	1

## Bivona® FlexTend™TTS™

Reinforced proximal and distal sections provide a high level of kink and crush resistance. Extended tubes may reduce the risk of tracheostomy pressure ulcers on "no-neck" patients and deliver the advantages of a cuffed tube that acts like a non-cuffed tube when required.





Bivona FlexTend<sup>™</sup> with TTS<sup>™</sup> Cuff Neonatal "V" Neck Flange Tracheostomy Tubes UNITS PER CASE PRODUCT CODE TUBE SIZE TUBE I.D. TUBE 0.D. PROXIMAL LENGTH DISTAL LENGTH 2.5 mm 30.0 mm 67NFP25 2.5 mm 4.0 mm 20.0 mm 32.0 mm 67NFP30 20.0 mm 3.0 mm 3.0 mm 4.7 mm 67NFP35 3.5 mm 3.5 mm 5.3 mm 34.0 mm 20.0 mm 67NFP40 4.0 mm 4.0 mm 6.0 mm 20.0 mm 36.0 mm

2

PRODUCT Code	TUBE SIZE	TUBE I.D.	TUBE 0.D.	PROXIMAL LENGTH	DISTAL LENGTH	UNITS PER CASE
67NFPS25	2.5 mm	2.5 mm	4.0 mm	20.0 mm	30.0 mm	1
67NFPS30	3.0 mm	3.0 mm	4.7 mm	20.0 mm	32.0 mm	1
67NFPS35	3.5 mm	3.5 mm	5.3 mm	20.0 mm	34.0 mm	1
67NFPS40	4.0 mm	4.0 mm	6.0 mm	20.0 mm	36.0 mm	1

3

	th TTS™ Cuff Paedi	attic v Neck	r tange macin	costonly rube.		
PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	PROXIMAL LENGTH	DISTAL LENGTH	UNITS PER CASE
67PFS25	2.5 mm	2.5 mm	4.0 mm	20.0 mm	38.0 mm	1
67PFS30	3.0 mm	3.0 mm	4.7 mm	20.0 mm	39.0 mm	1
67PFS35	3.5 mm	3.5 mm	5.3 mm	20.0 mm	40.0 mm	1
67PFS40	4.0 mm	4.0 mm	6.0 mm	20.0 mm	41.0 mm	1
67PFS45	4.5 mm	4.5 mm	6.7 mm	30.0 mm	42.0 mm	1
67PFS50	5.0 mm	5.0 mm	7.3 mm	30.0 mm	44.0 mm	1
67PFS55	5.5 mm	5.5 mm	8.0 mm	30.0 mm	46.0 mm	1

4

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	PROXIMAL LENGTH	DISTAL LENGTH	PER CASE
67PFSS25	2.5 mm	2.5 mm	4.0 mm	20.0 mm	38.0 mm	1
67PFSS30	3.0 mm	3.0 mm	4.7 mm	20.0 mm	39.0 mm	1
67PFSS35	3.5 mm	3.5 mm	5.3 mm	20.0 mm	40.0 mm	1
67PFSS40	4.0 mm	4.0 mm	6.0 mm	20.0 mm	41.0 mm	1
67PFSS45	4.5 mm	4.5 mm	6.7 mm	30.0 mm	42.0 mm	1
67PFSS50	5.0 mm	5.0 mm	7.3 mm	30.0 mm	44.0 mm	1
67PFSS55	5.5 mm	5.5 mm	8.0 mm	30.0 mm	46.0 mm	1

5

Bivona FlexTend™ Plus (Extra Length) with TTS™ Cuff Paediatric "V" Neck Flange Tracheostomy Tubes							
PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	PROXIMAL LENGTH	DISTAL LENGTH	UNITS PER CASE	
67PFP40	4.0 mm	4.0 mm	6.0 mm	30.0 mm	44.0 mm	1	
67PFP45	4.5 mm	4.5 mm	6.7 mm	30.0 mm	48.0 mm	1	
67PFP50	5.0 mm	5.0 mm	7.3 mm	30.0 mm	50.0 mm	1	
67PFP55	5.5 mm	5.5 mm	8.0 mm	30.0 mm	52.0 mm	1	
67PFP60	6.0 mm	6.0 mm	8.7 mm	30.0 mm	56.0 mm	1	

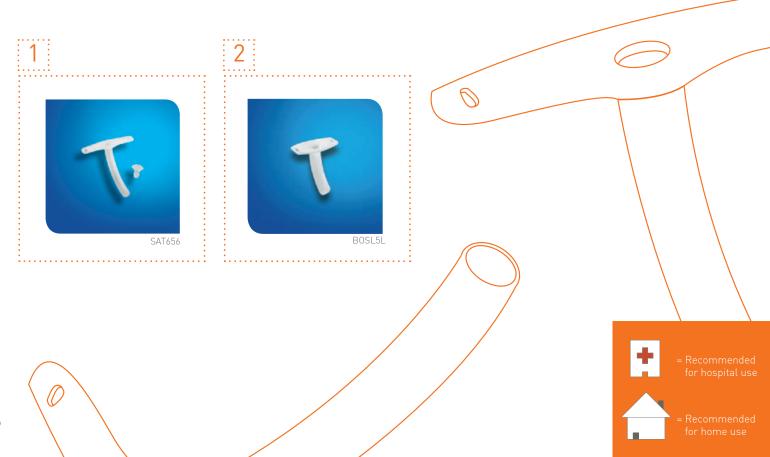
Bivona FlexTend™ Plus (Extra Length) with TTS™ Cuff Paediatric Straight Neck Flange Tracheostomy Tubes						
PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D.	PROXIMAL LENGTH	DISTAL LENGTH	UNITS PER CASE
67PFPS40	4.0 mm	4.0 mm	6.0 mm	30.0 mm	44.0 mm	1
67PFPS45	4.5 mm	4.5 mm	6.7 mm	30.0 mm	48.0 mm	1
67PFPS50	5.0 mm	5.0 mm	7.3 mm	30.0 mm	50.0 mm	1
67PFPS55	5.5 mm	5.5 mm	8.0 mm	30.0 mm	52.0 mm	1
67PFPS60	6.0 mm	6.0 mm	8.7 mm	30.0 mm	56.0 mm	1

# Bivona Sleep Apnea & Laryngectomy Tubes

The Bivona Sleep Apnea Tracheostomy Tube provides a low-profile design and is easily 'capped' and concealed during waking hours. The tube is intended for use in providing a patent airway in patients with a confirmed history of obstructive sleep apnea who do not require ventilator support.

The laryngectomy tube is designed in soft and compliant silicone. Available with wider neck flanges and longer shaft lengths.

The flexible all-silicone construction helps make both tubes comfortable.





#### Bivona® Sleep Apnea Tubes PRODUCT CODE UNITS PER CASE TUBE SIZE TUBE I.D. TUBE 0.D TUBE LENGTH SAT605 6.0 mm 6.0 mm 9.0 mm 68 mm 1 SAT656 6.5 mm 6.5 mm 10.0 mm 73 mm

11.0 mm

79 mm

7.5 mm

2

#### **Bivona® Laryngectomy Tubes**

7.5mm

SAT757

PRODUCT CODE	TUBE SIZE	TUBE I.D.	TUBE 0.D	TUBE LENGTH	UNITS PER CASE
B0SL1L	9.5 mm	9.5 mm	12.0 mm	85 mm	1
B0SL1S	9.5 mm	9.5 mm	12.0 mm	55 mm	1
BOSL3L	11.0 mm	11.0 mm	14.0 mm	105 mm	1
BOSL3S	11.0 mm	11.0 mm	14.0 mm	55 mm	1
BOSL5L	13.0 mm	13.0 mm	16.0 mm	85 mm	1
BOSL5S	13.0 mm	13.0mm	16.0 mm	55 mm	1

# Bivona® Epistaxsis Catheter

The Bivona® Epistaxis catheter offers rapid and positive control of nasal bleeding. The catheter design with its independently inflatable cuffs facilitates proper placement. The all silicone construction ensures that the cuffs remain soft and compliant, easily conforming to variations in nasal anatomy.



PRODUCT CODE	SIZE I.D	FR	LENGTH	UNITS PER CASE
EP0050	5.0 mm	22	12.0 cm	1



## Bivona® Customised

The extensive Portex® Bivona® Tracheostomy Tube range has a new offering: the opportunity to combine the benefits of the Bivona® silicone tube within your own customised design.

We recognise that you want to choose the most effective and comfortable tracheostomy option for every one of your patients, and this can sometimes mean you need to take the creative approach.

We offer a comprehensive customised tracheostomy tube service, so you can build a tube to meet your patients needs. A customised tube, designed by you, is a completely unique solution.

Our broad range of customisation options:

### **Tube Shaft Style**

- Standard Silicone
- Hyperflex™ Wire Reinforced Silicone

#### Curvature

- Standard Anatomical
- Pre-curve Shaft
- Hyperflex<sup>™</sup> Wire Reinforced Flexible

### Length

• Standard Extensive Range

#### I.D. / O.D.

• Comprehensive range to choose from

### **Cuff Design**

- Fome-Cuf® Cuff
- Aire-Cuf® Cuff
- TTS<sup>™</sup> Cuff
- Cuffless

### **Neck Flange**

- Adult
- Neonatal ("V" and "Straight")
- Paediatric ("V" and "Straight")
- Fixed
- Adjustable

### **Delivery options:**

- Standard Service (non-sterile), 7 days
- Express Service (non-sterile), 3 days
- Same Day Service (nonsterile), 1-2 days (Only available in the US)
- Sterile Service, 4 weeks

### Accessories

Code or Codes	Description	Unit
BRCA70	7.0 mm Bivona® Replacement Adult Inner Cannula	10
BRCA75	7.5mm Bivona® Replacement Adult Inner Cannula	10
BRCA80	8.0mm Bivona® Replacement Adult Inner Cannula	10
BRCA85	8.5 mm Bivona® Replacement Adult Inner Cannula	10
BRCA90	9.0 mm Bivona® Replacement Adult Inner Cannula	10
BRC270	7.0 mm Bivona® Replacement Adult Inner Cannula	2
BRC275	7.5 mm Bivona® Replacement Adult Inner Cannula	2
BRC280	8.0 mm Bivona® Replacement Adult Inner Cannula	2
BRC285	8.5 mm Bivona® Replacement Adult Inner Cannula	2
BRC290	9.0 mm Bivona® Replacement Adult Inner Cannula	2
BICSWB	Bivona® Inner Cannula Cleaning Swab	30
BV0818	Size 8 Tracheostoma Vent, 18.0 mm long	1
BV0827	Size 8 Tracheostoma Vent, 27.0 mm long	1
BV0836	Size 8 Tracheostoma Vent, 36.0 mm long	1
BV0855	Size 8 Tracheostoma Vent, 55.0 mm long	1
BV0918	Size 9 Tracheostoma Vent, 18.0 mm long	1
BV0927	Size 9 Tracheostoma Vent, 27.0 mm long	1
BV0936	Size 9 Tracheostoma Vent, 36.0 mm long	1
BV0955	Size 9 Tracheostoma Vent, 55.0 mm long	1
BV1018	Size 10 Tracheostoma Vent, 18.0 mm long	1
BV1027	Size 10 Tracheostoma Vent, 27.0 mm long	1
BV1036	Size 10 Tracheostoma Vent, 36.0 mm long	1
BV1055	Size 10 Tracheostoma Vent, 55.0 mm long	1
BV1227	Size 12 Tracheostoma Vent, 27.0 mm long	1
BV1236	Size 12 Tracheostoma Vent, 36.0 mm long	1
BV1255	Size 12 Tracheostoma Vent, 55.0 mm long	1
REDCAP	15mm Bivona® Decannulation Cap	26
CARSWL	Carden Swivel Connector	1
CON15S	SidePort™ AutoControl™ Inflation Line Connector	50
CMD006	Cuff Maintenance Device With 60 cc Syringe & Stopcock	6
DRYPORT	DryPort Kit™ Inflation Line Connection Kit	1
DWG300	15mm Disconnection Wedge	25
TWILL	Twill Trach Tie	10









### Index

### Symbols

Sympols	
60A15015	60SP05515
60A16015	
60A17015	65N03011
60A18015	65N03511
60A19015	65N04011
60AFHXL6019	65P02511
60AFHXL7019	65P03011
60AFHXL8019	65P03511
60AFHXL9019	65P04011
60HA2517	65P04511
60HA3017	65P05011
60HA3517	65P05511
60HA4017	65SN02511
60HA4517	65SN03011
60HA5017	65SN03511
60HA5517	65SN04011
60NFP2521	
	65SP02511
60NFP3021	65SP03011
60NFP3521	65SP03511
60NFP4021	65SP04011
60NFPS2521	65SP04511
60NFPS3021	65SP05011
60NFPS3521	65SP05511
60NFPS4021	67FHXL6019
60NO2515	67FHXL7019
60NO3015	67FHXL8019
60NO3515	67FHXL9019
60NO4015	67HA6017
60P02515	67HA7017
60P03015	67HA8017
60P03515	67HA9017
60P04015	67N0309
60P04515	67N0359
60P05015	67N0409
60P05515	67NFP2523
60PFP4021	67NFP3023
60PFP4521	67NFP3523
60PFP5021	67NFP4023
60PFP5521	67NO259
60PFP6021	67P0259
60PFPS4021	67P0309
60PFPS4521	67P0359
60PFPS5021	67P0409
60PFPS5521	67P0459
60PFPS6021	
60PFS2521	
	071 000
60PFS3021	67PFP4023
60PFS3521	67PFP4523
60PFS4021	67PFP5023
60PFS4521	67PFP5523
60PFS5021	67PFP6023
60PFS5521	67PFPS4023
60PFSS2521	67PFPS4523
60PFSS3021	67PFPS5023
60PFSS3521	67PFPS5523
60PFSS4021	
60PFSS4521	67PFS2523
60PFSS5021	67PFS3023
60PFSS5521	67PFS3523
60SN02515	67PFS4023
60SN03015	67PFS4523
60SN03515	67PFS5023
60SN04015	67PFS5523
60SP02515	67PFSS2523
60SP03015	67PFSS3023
60SP03515	
	67PFSS3523
60SP04015	67PFSS4023
60SP04515	67PFSS4523
60SP05015	67PFSS5023

67PFSS5523
67SN0259
67SN0309
67SN0359
67SN0409
67SP0259
67SP0309
67SP0359
67SP0409
67SP0459 67SP0509
67SP0509 67SP0559
75FHXL6019
75FHXL7019
75FHXL8019
75FHXL9019
75HA6017
75HA7017
75HA8017
75HA9017
85N03013
85N03513
85N04013
85P02513
85P03013
85P03513
85P04013
85P04513
85P05013
85P05513
6701509
6701609
6701709
6701759
6701809
6701859 6701909
75015011
75016011
75017011
75018011
75019011
75019511
75515011
75516011
75517011
75517011 75518011
75518011
75518011 75519011
755180
755180       11         755190       11         755195       11         850150       13         850160       13         850170       13
755180       11         755190       11         755195       11         850150       13         850160       13         850170       13         850180       13
755180       11         755190       11         755195       11         850150       13         850160       13         850170       13         850180       13         850190       13
755180       11         755190       11         755195       11         850150       13         850160       13         850170       13         850180       13         850190       13         850195       13
755180       11         755190       11         755195       11         850150       13         850160       13         850170       13         850180       13         850190       13         850195       13         855150       13
755180       11         755190       11         755195       11         850150       13         850160       13         850170       13         850180       13         850190       13         855150       13         855160       13
755180       11         755190       11         755195       11         850150       13         850160       13         850170       13         850180       13         850195       13         855150       13         855160       13         855170       13
755180       11         755190       11         755195       11         850150       13         850160       13         850170       13         850180       13         850195       13         855150       13         855170       13         855170       13         855180       13
755180       11         755190       11         755195       11         850150       13         850160       13         850170       13         850180       13         850195       13         855150       13         855160       13         855170       13
755180       11         755190       11         755195       11         850150       13         850160       13         850170       13         850180       13         850195       13         855150       13         855170       13         855180       13         855190       13         855190       13
755180       11         755190       11         755195       11         850150       13         850160       13         850170       13         850180       13         850195       13         855150       13         855170       13         855170       13         855180       13
755180       11         755190       11         755195       11         850150       13         850160       13         850170       13         850180       13         850195       13         855150       13         855170       13         855180       13         855190       13         855190       13
755180 11 755190 11 755195 11 850150 13 850160 13 850170 13 850180 13 850195 13 850195 13 855150 13 855150 13 855150 13 855170 13 855180 13

25 28
28 28
28 28
28
28
28
28 28
28
28
28
28
28 28
26
28
25
25 25
20
28



PRODUCT(S) DESCRIBED MAY NOT BE LICENSED OR AVAILABLE FOR SALE IN CANADA AND OTHER COUNTRIES

Smiths Medical Sales Office Country Sales Office Address Phone: Sales Office Country email or Web Address Find your local contact information at: www.smiths-medical.com/ customer-support Smiths Medical is part of the global technology business Smiths Group plc. Portex, Bivona, TTS, Aire-Cuf, DryPort Kit, Fome-Cuf, Hyperflex, FlexTend and the Portex and Smiths Medical design marks are trademarks of Smiths Medical. The symbol ® indicates the trademark is registered in the U.S. Patent and Trademark Office and certain other countries. ©2014 Smiths Medical. All rights reserved. MHYTCA-1053. TR194451GL-012014

smiths medical