

SOFIT/SOFIT CLEAR/SOFIT FLEX/SOFIT LOVE

MERA SOFIT Series

Tracheostomy Tube MERA SOFIT Series

Contribute to
care and a hi

SOFIT
Double Tube

The cannula that is placed in the trachea can be replaced and removed: with fenestration, without fenestration

Patient available for spontaneous respiration

↕

Patient with ventilator

SOFIT CLEAR
Pitch & Flap Neck Plate

An independent flip-up mechanism facilitates surgical debridement and replacement of gauzes.

SOFIT LOVE
for Pediatrics & Neonates

- Cannula I.D.: Available from 2.5mm to 6.5mm
- Select the best type to adapt patient's growth.

SOFIT FLEX
Best Position Suction Hole

- Built-in suction line
- Suction at posterior tracheal wall



o a better quality of medical

gher quality of life for patients.



Indication of type



D : Double Tube (only for "SOFIT")
C : Cuff
F : Fenestration
S : Suction
NC : Non-Cuff

e.g. D-7CFS (Cuff・Fenestration・Suction)
(ID: Inner Diameter, OD: Outer Diameter)
C: Clear, F: Flex, Love N: Neonate, Love P: Pediatric)

Fenestration Design

Designed to reduce protrusion of tracheal suction catheters.



e.g. CLEAR / FLEX



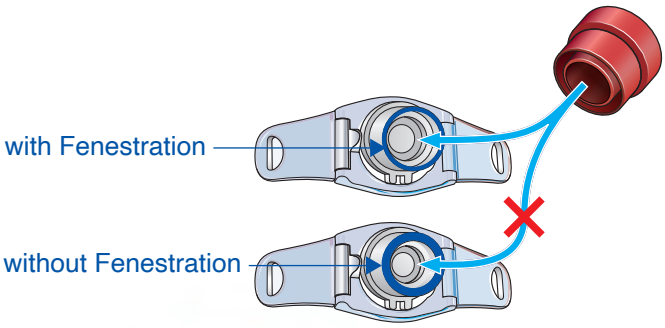
e.g. SOFIT
(double tube)



e.g. LOVE

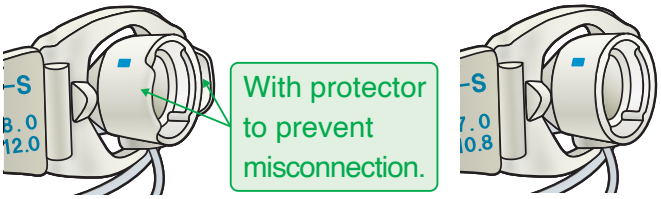
Safety measures : CLEAR,FLEX,LOVE

The cap T can only be fixed to a cannula with fenestration.



Safety measures : SOFIT

The red cap or inner cannula with fenestration can only be fixed to a cannula with fenestration. For the outer cannula without fenestration, the inner cannula cannot be locked in place because the protector is in the way.



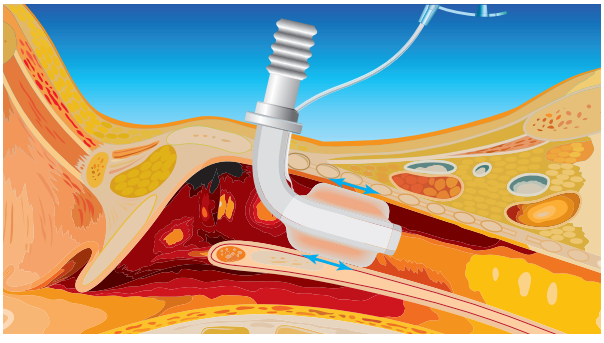
Outer cannula without fenestration
D-CS

Outer cannula without fenestration
D-CFS

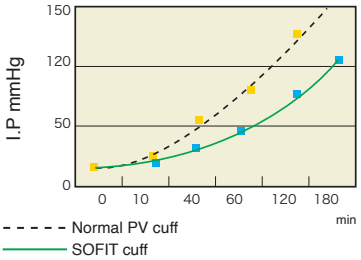


Hi-Flexibility and Hi-Barrier Cuff

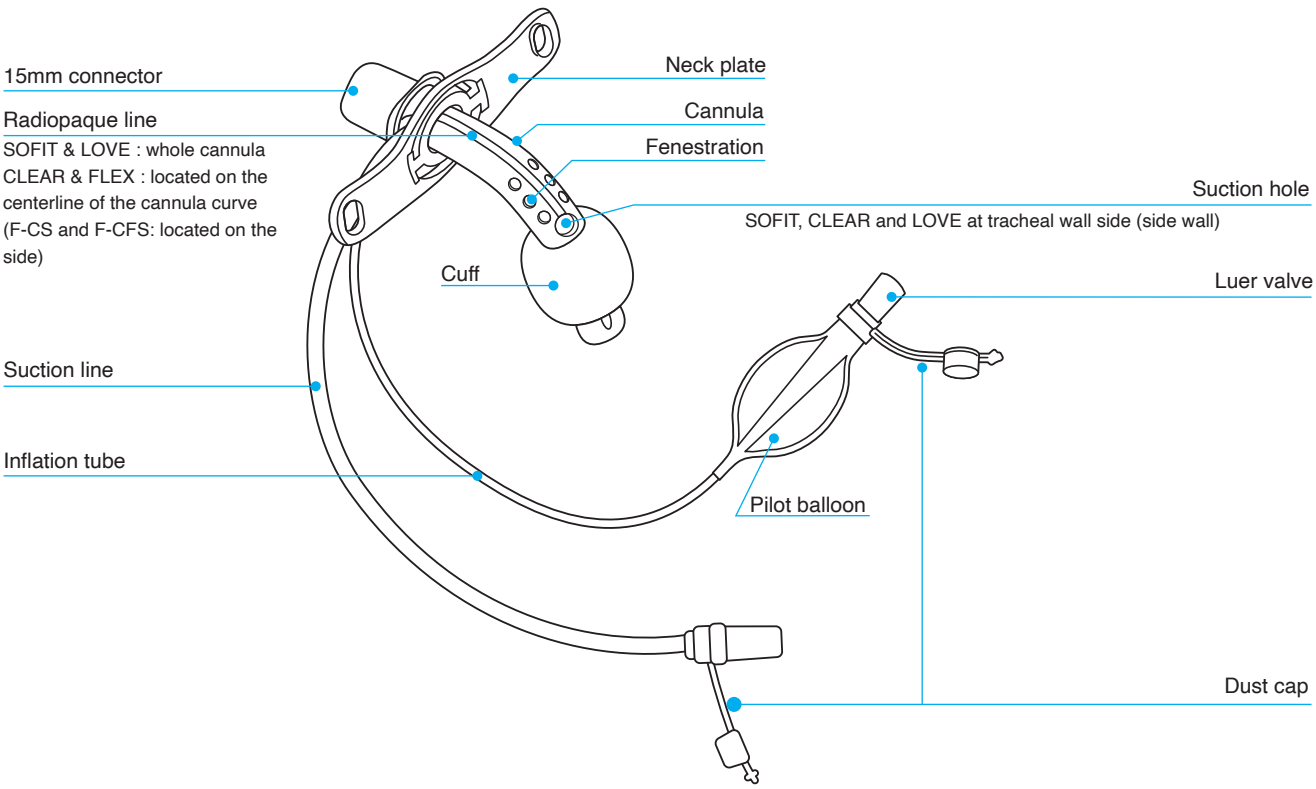
- The cuff is highly flexible and absorbs cannula movement during swallowing by pitching up and down within a few millimeters.
- Minimizes N_2O ingress during anesthesia.



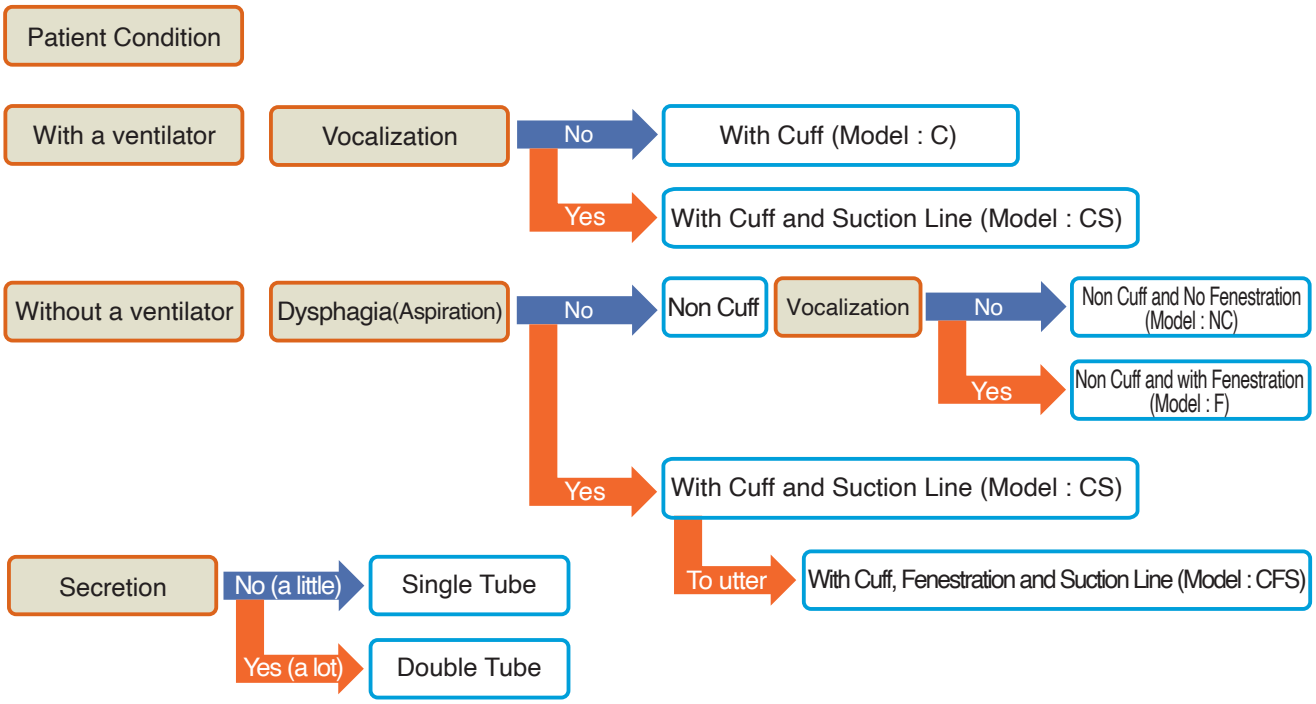
N_2O Barrier
Comparison of increased internal cuff pressure in 100% N_2O gas



Name of each component



Selection Criteria



※This criteria is just an example. The choice depends on decision by each doctor or patient.

Supervised by Dr. I, Gouma, Sakai City Medical Center

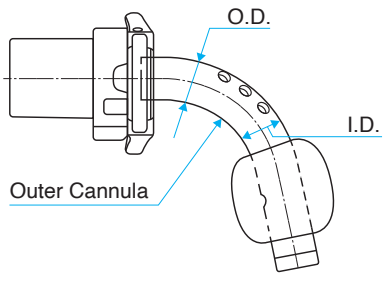
Function Table

Tracheostomy → Single Tube → SOFIT CLEAR, SOFIT FLEX, SOFIT LOVE
Tracheostomy → Double Tube → SOFIT

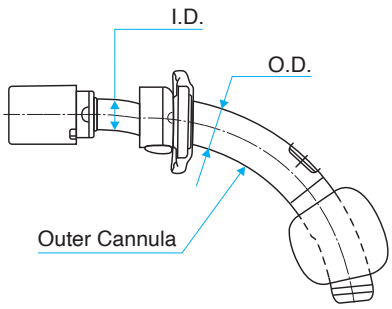
Product	Model	Cuff	Fenestration	Suction	
				Side Wall	Rear Wall
SOFIT	D-C	○	×	×	×
	D-CF	○	○	×	×
	D-CS	○	×	○	–
	D-CFS	○	○	○	–
	D-F	×	○	×	×
	D-NC	×	×	×	×
SOFIT CLEAR	C-C	○	×	×	×
	C-CF	○	○	×	×
	C-CS	○	×	○	–
	C-CFS	○	○	○	–
	C-F	×	○	×	×
	C-NC	×	×	×	×
SOFIT FLEX	F-C	○	×	×	×
	F-CF	○	○	×	×
	F-CS	○	×	–	○
	F-CFS	○	○	–	○
	F-F	×	○	×	×
	F-NC	×	×	×	×
SOFIT LOVE(for Neonates)	N	×	×	–	–
	NF	×	○	–	–
SOFIT LOVE(for Pediatrics)	P	×	×	×	×
	PF	×	○	×	×
	PC	○	×	×	×
	PC-S	○	×	○	–
	PCF	○	○	×	×
	PCF-S	○	○	○	–

How to choose size

The number of model shows the size of I.D.(mm) e.g. 5C ➡ I.D.5mm with Cuff

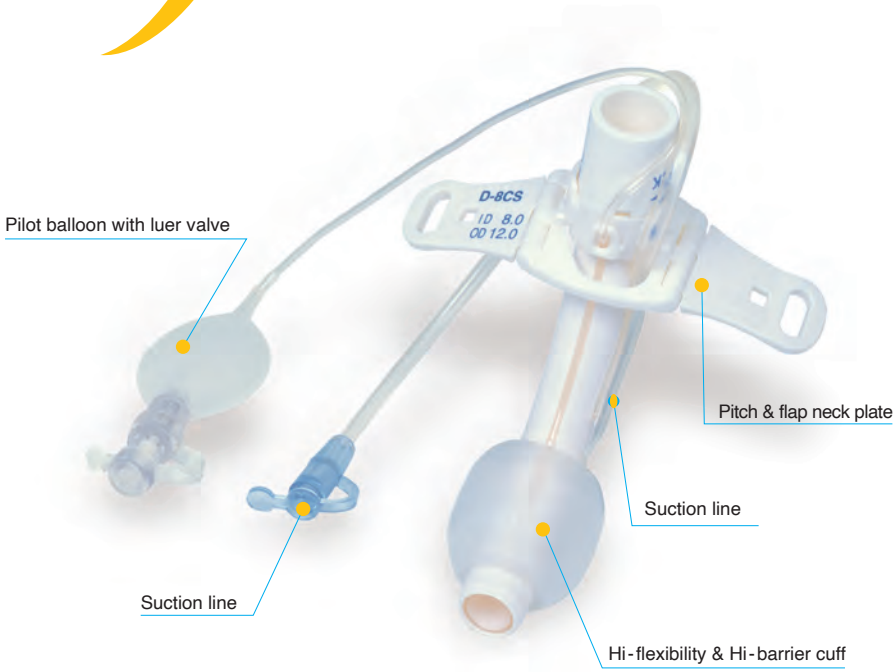


Single Tube



Double Tube

SOFIT (Double tube)





The inner cannula is made of a transparent material with excellent hydrophobicity, which makes it difficult for secretions to adhere and makes it easier to check.



Pitch & flap neck plate facilitates intubation.





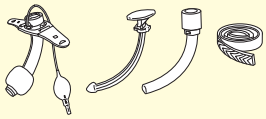
D-C (cuff)

- Since the tube has no fenestration, there is a mechanism to prevent accidental installation of the red cap to be able to prevent suffocation.
- Comes with a pilot balloon to check the bulge of the cuff.

(mm)

Model	Inner diameter (ID)	Outer diameter (OD)	Length
D-5C	5.0	8.6	55
D-6C	6.0	9.7	64
D-7C	7.0	10.8	70
D-8C	8.0	12.0	75
D-9C	9.0	13.2	78

■Standard Set



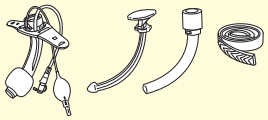
D-CS (cuff,suction)

- It is a type with a suction line on SOFIT D-C.
- The secretion accumulated on the cuff can be sucked.
- The cross section of the suction line is oval shaped; a relatively large lumen is secured.

(mm)

Model	Inner diameter (ID)	Outer diameter (OD)	Length
D-5CS	5.0	8.6	55
D-6CS	6.0	9.7	64
D-7CS	7.0	10.8	70
D-8CS	8.0	12.0	75
D-9CS	9.0	13.2	78

■Standard Set



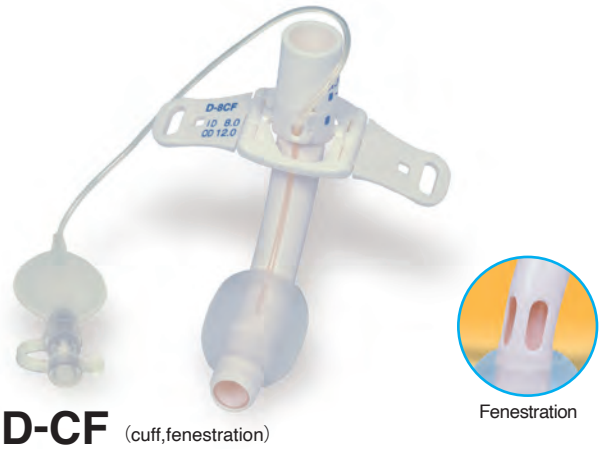
Five sizes × six types; the full lineup of all 30 product codes.

Five sizes (Inner diameter of inner cannula: 5, 6, 7, 8 and 9mm)

Six combination of the cuff, fenestration, and Suction lines make this product available to many patients.

Inner cannula can be replaced or removed.

The double tube provides excellent airway management by cleaning and disinfecting the inner cannula, allowing the patient to choose superior function.



Fenestration

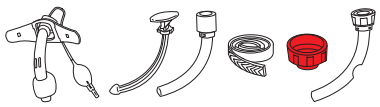
D-CF (cuff,fenestration)

- It is a type with fenestration on SOFIT D-C.
- Spontaneous breathing is available through the fenestration while the inner cannula is installed.
- Vocalization is available without soiling the inside of the outer cannula by using the inner cannula with fenestration in the standard set. (Attach a red cap to the inner cannula to enable vocalization)

(mm)

Model	Inner diameter (ID)	Outer diameter (OD)	Length
D-5CF	5.0	8.6	55
D-6CF	6.0	9.7	64
D-7CF	7.0	10.8	70
D-8CF	8.0	12.0	75
D-9CF	9.0	13.2	78

■Standard Set





Fenestration

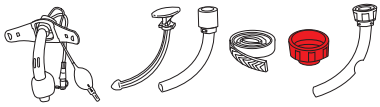
D-CFS (cuff,fenestration,suction)

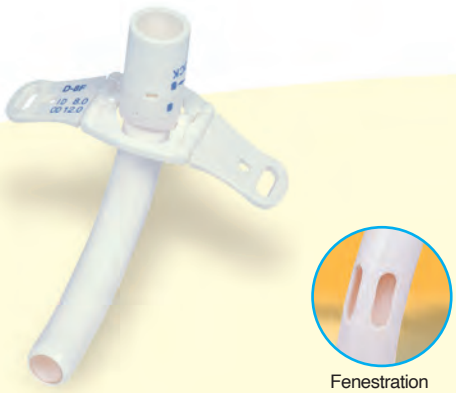
- It is a type with a suction line on SOFIT D-CF.
- The secretion accumulated on the cuff can be sucked.
- The cross section of the suction line is oval shaped; a relatively large lumen is secured.

(mm)

Model	Inner diameter (ID)	Outer diameter (OD)	Length
D-5CFS	5.0	8.6	55
D-6CFS	6.0	9.7	64
D-7CFS	7.0	10.8	70
D-8CFS	8.0	12.0	75
D-9CFS	9.0	13.2	78

■Standard Set





Fenestration

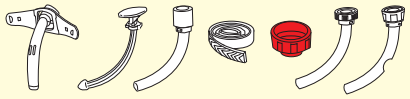
D-F (fenestration)

- Especially designed for long-term care patients who can breathe the upper airway with fenestration without the use of a ventilator.
- Vocalization is available without soiling the inside of the outer cannula by using the inner cannula with fenestration in the standard set. (Attach a red cap to the inner cannula to enable vocalization)

(mm)

Model	Inner diameter (ID)	Outer diameter (OD)	Length
D-5F	5.0	8.6	55
D-6F	6.0	9.7	64
D-7F	7.0	10.8	70
D-8F	8.0	12.0	75
D-9F	9.0	13.2	78

■Standard Set





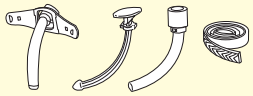
D-NC (Non cuff)

- Especially designed for long-term care patients who need to maintain a tracheal incision without the use of a ventilator.
- Due to the double tube structure, the risk of lumen obstruction can be avoided by removing and cleaning only the inner cannula.

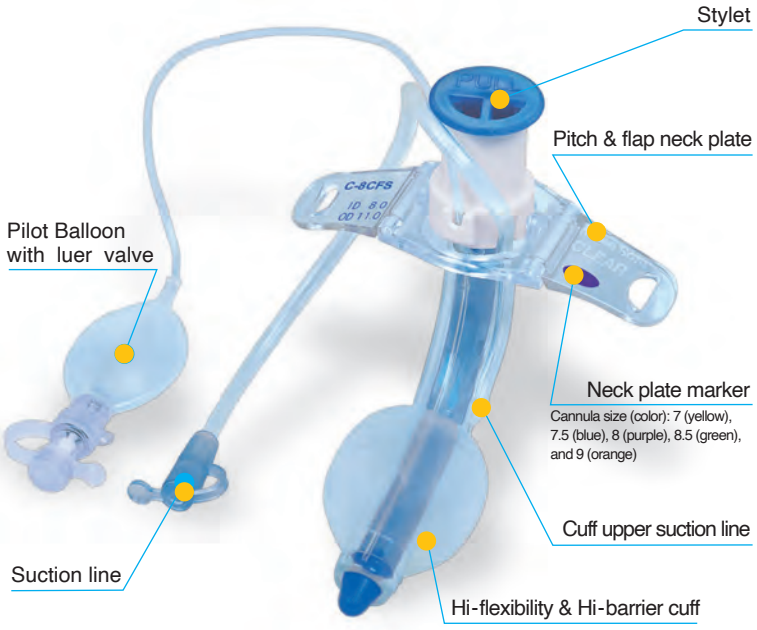
(mm)

Model	Inner diameter (ID)	Outer diameter (OD)	Length
D-5NC	5.0	8.6	55
D-6NC	6.0	9.7	64
D-7NC	7.0	10.8	70
D-8NC	8.0	12.0	75
D-9NC	9.0	13.2	78

■Standard Set



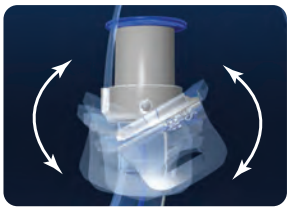
SOFIT CLEAR (Single tube)

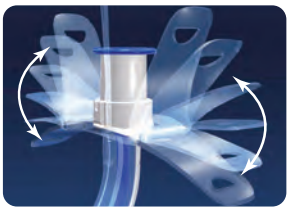


Pitch and Flap Neck Plate

・The neck plate, which has a pitch width of about 40 degrees with vertical movement, demonstrates excellent followability to individual body shapes and patient movements. This mechanism can reduce tracheal compression by the tracheostomy tube. ＊SOFIT (double tube) has a pitch width of about 60 degrees

・Both sides of the neck plate can be flapped independently, which improves operability during intubation and extubation. It also facilitates replacing surgical debridement, fixed band or gauze.


Pitch mechanism


Flapping neck plate

7 Sizes × 6 Types = 42 Product Codes





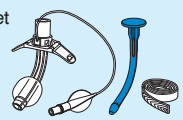
C-C (cuff)

- It is designed for preventing accidental installation of the cap T to avoid suffocation.

(mm)

Model	Inner diameter(ID)	Outer diameter(OD)	Length
C-6C	6.0	8.3	55
C-7C	7.0	9.6	65
C-7.5C	7.5	10.3	71
C-8C	8.0	11.0	76
C-8.5C	8.5	11.6	81
C-9C	9.0	12.3	87
C-10C	10.0	13.5	97

■Standard Set



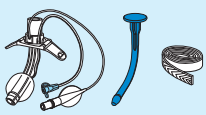
C-CS (cuff,suction)

- It is a type with a suction line on SOFIT CLEAR C-C.
- The secretion accumulated on the cuff can be sucked.
- The cross section of the suction line is oval shaped; a relatively large lumen is secured.
- It is designed for preventing accidental installation of the cap T to avoid suffocation.

(mm)

Model	Inner diameter(ID)	Outer diameter(OD)	Length
C-6CS	6.0	8.3	55
C-7CS	7.0	9.6	65
C-7.5CS	7.5	10.3	71
C-8CS	8.0	11.0	76
C-8.5CS	8.5	11.6	81
C-9CS	9.0	12.3	87
C-10CS	10.0	13.5	97

■Standard Set





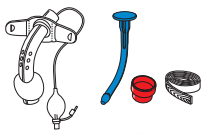
C-CF (cuff, fenestration)

- It is a type with fenestration on SOFIT CLEAR C-C.
- Vocalization is available when the patient's exhaled air reaches the vocal cords through the fenestration.
- The fenestration is six holes that can reduce the risk of protrusion of the suction catheter.

(mm)

Model	Inner diameter (ID)	Outer diameter (OD)	Length
C-6CF	6.0	8.3	55
C-7CF	7.0	9.6	65
C-7.5CF	7.5	10.3	71
C-8CF	8.0	11.0	76
C-8.5CF	8.5	11.6	81
C-9CF	9.0	12.3	87
C-10CF	10.0	13.5	97

■Standard Set





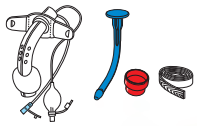
C-CFS (cuff,fenestration,suction)

- It is a type with a suction line on SOFIT CLEAR C-CF.
- Vocalization is available when the patient's exhaled air reaches the vocal cords through the fenestration.
- The secretion accumulated on the cuff can be sucked.
- The cross section of the suction line is oval shaped; a relatively

(mm)

Model	Inner diameter (ID)	Outer diameter (OD)	Length
C-6CFS	6.0	8.3	55
C-7CFS	7.0	9.6	65
C-7.5CFS	7.5	10.3	71
C-8CFS	8.0	11.0	76
C-8.5CFS	8.5	11.6	81
C-9CFS	9.0	12.3	87
C-10CFS	10.0	13.5	97

■Standard Set





C-F (fenestration)

- Especially designed for long-term care patients who can breathe the upper airway with fenestration without the use of a ventilator.
- The fenestration is six holes that can reduce the risk of protrusion of the suction catheter.
- Cap T can be attached to close the 15mm connector end of the tracheostomy tube.

(mm)

Model	Inner diameter (ID)	Outer diameter (OD)	Length
C-6F	6.0	8.3	55
C-7F	7.0	9.6	65
C-7.5F	7.5	10.3	71
C-8F	8.0	11.0	76
C-8.5F	8.5	11.6	81
C-9F	9.0	12.3	87
C-10F	10.0	13.5	97

■Standard Set





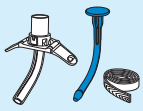
C-NC (Non cuff)

- Especially designed for long-term care patients who need to maintain a tracheal incision without the use of a ventilator.
- It is designed for preventing accidental installation of the cap T to avoid suffocation.

(mm)

Model	Inner diameter (ID)	Outer diameter (OD)	Length
C-6NC	6.0	8.3	55
C-7NC	7.0	9.6	65
C-7.5NC	7.5	10.3	71
C-8NC	8.0	11.0	76
C-8.5NC	8.5	11.6	81
C-9NC	9.0	12.3	87
C-10NC	10.0	13.5	97

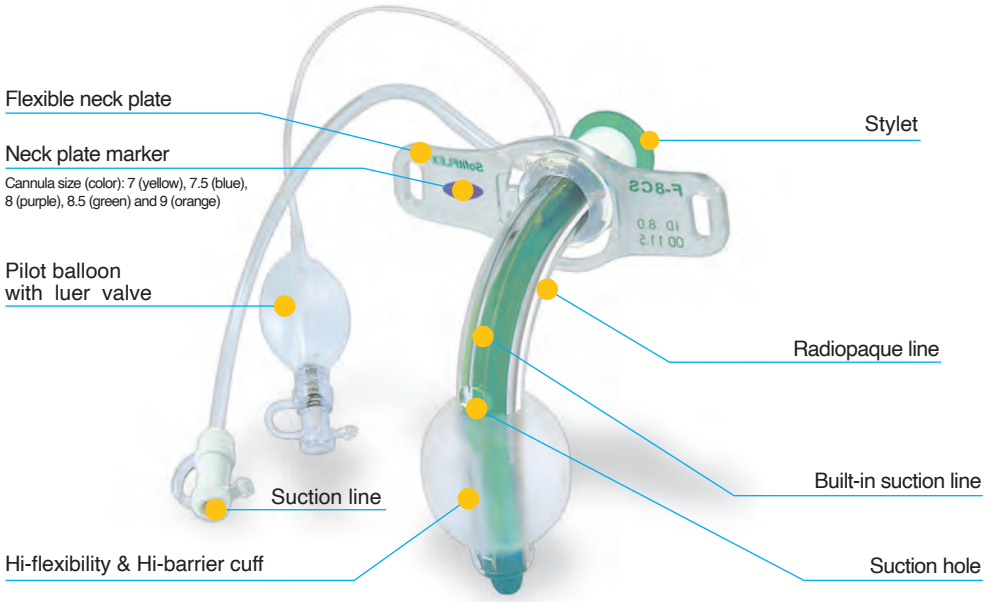
■Standard Set



SOFIT FLEX

(Single tube)

Built-in suction line × **Suction at posterior tracheal wall**



Best Position Suction Hole





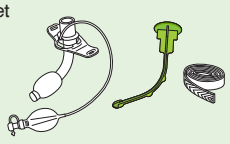
F-C (cuff)

- The radiopaque line is located on the centerline of the cannula curve.
- It is designed for preventing accidental installation of the cap T to avoid suffocation.

(mm)

Model	Inner diameter(ID)	Outer diameter(OD)	Length
F-6C	6.0	8.3	55
F-7C	7.0	9.6	65
F-7.5C	7.5	10.3	71
F-8C	8.0	11.0	76
F-8.5C	8.5	11.6	81
F-9C	9.0	12.3	87
F-10C	10.0	13.5	97

■Standard Set



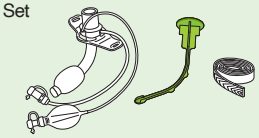
F-CS (cuff,suction)

- The radiopaque line is located on the centerline of the cannula curve.
- The secretion accumulated on the cuff can be sucked.
- It is designed for preventing accidental installation of the cap T to avoid suffocation.

(mm)

Model	Inner diameter(ID)	Outer diameter(OD)	Length
F-6CS	6.0	9.0	55
F-7CS	7.0	10.5	65
F-7.5CS	7.5	11.0	71
F-8CS	8.0	11.5	76
F-8.5CS	8.5	12.1	81
F-9CS	9.0	12.7	87
F-10CS	10.0	13.9	97

■Standard Set





Fenestration



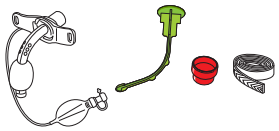
F-CF (cuff,fenestration)

- It is a type with fenestration on SOFIT FLEX F-C.
- The radiopaque line is located on the centerline of the cannula curve.
- Vocalization is available when the patient's exhaled air reaches the vocal cords through the fenestration.
- The fenestration is six holes that can reduce the risk of protrusion of the suction catheter.

(mm)

Model	Inner diameter (ID)	Outer diameter (OD)	Length
F-6CF	6.0	8.3	55
F-7CF	7.0	9.6	65
F-7.5CF	7.5	10.3	71
F-8CF	8.0	11.0	76
F-8.5CF	8.5	11.6	81
F-9CF	9.0	12.3	87
F-10CF	10.0	13.5	97

■Standard Set





Fenestration



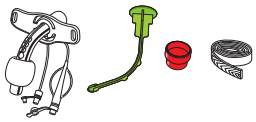
F-CFS (cuff,fenestration,suction)

- It is a type with a suction line on SOFIT FLEX F-CF.
- The radiopaque line is located on the centerline of the cannula curve.
- Vocalization is available when the patient's exhaled air reaches the vocal cords through the fenestration.
- The secretion accumulated on the cuff can be sucked.

(mm)

Model	Inner diameter (ID)	Outer diameter (OD)	Length
F-6CFS	6.0	9.0	55
F-7CFS	7.0	10.5	65
F-7.5CFS	7.5	11.0	71
F-8CFS	8.0	11.5	76
F-8.5CFS	8.5	12.1	81
F-9CFS	9.0	12.7	87
F-10CFS	10.0	13.9	97

■Standard Set





Fenestration



F-F (fenestration)

- Especially designed for long-term care patients who can breathe the upper airway with fenestration without the use of a ventilator.
- The radiopaque line is located on the centerline of the cannula curve.
- The fenestration is six holes that can reduce the risk of protrusion of the suction catheter.

(mm)

Model	Inner diameter (ID)	Outer diameter (OD)	Length
F-6F	6.0	8.3	55
F-7F	7.0	9.6	65
F-7.5F	7.5	10.3	71
F-8F	8.0	11.0	76
F-8.5F	8.5	11.6	81
F-9F	9.0	12.3	87
F-10F	10.0	13.5	97

■Standard Set





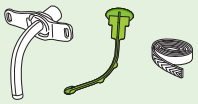
F-NC (Non cuff)

- Especially designed for long-term care patients who need to maintain a tracheal incision without the use of a ventilator.
- The radiopaque line is located on the centerline of the cannula curve.
- It is designed for preventing accidental installation of the cap T to avoid suffocation.

(mm)

Model	Inner diameter (ID)	Outer diameter (OD)	Length
F-6NC	6.0	8.3	55
F-7NC	7.0	9.6	65
F-7.5NC	7.5	10.3	71
F-8NC	8.0	11.0	76
F-8.5NC	8.5	11.6	81
F-9NC	9.0	12.3	87
F-10NC	10.0	13.5	97

■Standard Set



Sofit LOVE

SOFIT LOVE (for Pediatrics & Neonates)



Gently fits to the patient's skin, and increased strength and stability by enlarging the hole for the fixing tape.

Neonates：LOVE N Series
Printing color on the neck plate is PINK.

Pediatrics：LOVE P Series
Printing color on the neck plate is BLUE.

Flexible cuff for exclusive use with infants.





LOVE N (Neonate)

- The neck plate is designed for exclusive use with neonates.
- The cannula size is from 2.5mm to 5.5mm.

(mm)

Model	Inner diameter(ID)	Outer diameter(OD)	Length
LOVE 2.5N	2.5	3.9	28
LOVE 3N	3.0	4.5	30
LOVE 3.5N	3.5	5.2	32
LOVE 4N	4.0	5.9	34
LOVE 4.5N	4.5	6.5	38
LOVE 5N	5.0	7.1	44
LOVE 5.5N	5.5	7.7	46





Fenestration

LOVE NF (Neonate,Fenestration)

- The fenestration is three holes that can reduce the risk of protrusion of the suction catheter.
- The cannula size is from 2.5mm to 5.5mm.

(mm)

Model	Inner diameter(ID)	Outer diameter(OD)	Length
LOVE 2.5NF	2.5	3.9	28
LOVE 3NF	3.0	4.5	30
LOVE 3.5NF	3.5	5.2	32
LOVE 4NF	4.0	5.9	34
LOVE 4.5NF	4.5	6.5	38
LOVE 5NF	5.0	7.1	44
LOVE 5.5NF	5.5	7.7	46



LOVE P (Pediatric)

- The cannula size is from 2.5mm to 6.5mm.

(mm)

Model	Inner diameter(ID)	Outer diameter(OD)	Length
LOVE 2.5P	2.5	3.9	28
LOVE 3P	3.0	4.5	39
LOVE 3.5P	3.5	5.2	40
LOVE 4P	4.0	5.9	41
LOVE 4.5P	4.5	6.5	42
LOVE 5P	5.0	7.1	44
LOVE 5.5P	5.5	7.7	46
LOVE 6P	6.0	8.3	52
LOVE 6.5P	6.5	9.0	58





Fenestration

LOVE PF (Pediatric,Fenestration)

- The fenestration is three holes that can reduce the risk of protrusion of the suction catheter.
- The cannula size is from 3.0mm to 6.5mm.

(mm)

Model	Inner diameter(ID)	Outer diameter(OD)	Length
LOVE 3PF	3.0	4.5	39
LOVE 3.5PF	3.5	5.2	40
LOVE 4PF	4.0	5.9	41
LOVE 4.5PF	4.5	6.5	42
LOVE 5PF	5.0	7.1	44
LOVE 5.5PF	5.5	7.7	46
LOVE 6PF	6.0	8.3	52
LOVE 6.5PF	6.5	9.0	58



LOVE PC (Pediatric,Cuff)

- The cuff is designed for pediatrics.
- The cannula size is from 4.0mm to 6.5mm.

(mm)

Model	Inner diameter(ID)	Outer diameter(OD)	Length
LOVE 4PC	4.0	5.9	41
LOVE 4.5PC	4.5	6.5	42
LOVE 5PC	5.0	7.1	44
LOVE 5.5PC	5.5	7.7	46
LOVE 6PC	6.0	8.3	52
LOVE 6.5PC	6.5	9.0	58



LOVE PC-S (Pediatric,Cuff,Suction)

- The cross section of the suction line is oval shaped; a relatively large lumen is secured.
- The cannula size is from 4.0mm to 6.5mm.

(mm)

Model	Inner diameter(ID)	Outer diameter(OD)	Length
LOVE 4PC-S	4.0	5.9	41
LOVE 4.5PC-S	4.5	6.5	42
LOVE 5PC-S	5.0	7.1	44
LOVE 5.5PC-S	5.5	7.7	46
LOVE 6PC-S	6.0	8.3	52
LOVE 6.5PC-S	6.5	9.0	58





Fenestration

LOVE PCF (Pediatric,Cuff,Fenestration)

- The fenestration is three holes that can reduce the risk of protrusion of the suction catheter.
- The cannula size is from 4.0mm to 6.5mm.

(mm)

Model	Inner diameter(ID)	Outer diameter(OD)	Length
LOVE 4PCF	4.0	5.9	41
LOVE 4.5PCF	4.5	6.5	42
LOVE 5PCF	5.0	7.1	44
LOVE 5.5PCF	5.5	7.7	46
LOVE 6PCF	6.0	8.3	52
LOVE 6.5PCF	6.5	9.0	58





Fenestration

LOVE PCF-S (Pediatric,Cuff,Fenestration,Suction)

- The cross section of the suction line is oval shaped; a relatively large lumen is secured.
- The cannula size is from 4.0mm to 6.5mm.

(mm)

Model	Inner diameter(ID)	Outer diameter(OD)	Length
LOVE 4PCF-S	4.0	5.9	41
LOVE 4.5PCF-S	4.5	6.5	42
LOVE 5PCF-S	5.0	7.1	44
LOVE 5.5PCF-S	5.5	7.7	46
LOVE 6PCF-S	6.0	8.3	52
LOVE 6.5PCF-S	6.5	9.0	58

Related products / Optional accessories



MERA SOFIT INNER CANNULA

(with 15mm Connector & without Fenestration)
Spare inner cannula for SOFIT(Double tube).
(EOG Sterilized) (5pcs per Box)



CLEANING BRUSH

For cleaning the inner cannula.
(EOG Sterilized) (5pcs per Box)

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