

ArcAngel™ Design Facts

Infant Weight	Size	ETT Size	ETT Outer Diameter Fitment Range	Feeding Tube Size	Gastric Suction Tube Size
≤1000gm	0	2.5mm	3.3 - 3.7 mm	5F	6F*
1001-2500gm	1	3.0mm	4.0 - 4.5 mm	6.5F	8F
2501-4000gm	2	3.5mm	4.5 - 5.0 mm	6.5F	10F
4001gm+	3	4.0mm	5.0 - 5.5 mm	6.5F	10F

* If using a 6F inline suction catheter with a 2.5 ET tube, you must open the locking ring to the ET tube groove, pass the suction catheter, and then lock the ring when suctioning is complete. If using a 5F inline suction catheter with a 2.5 ETT, this is not necessary.

- To be used with **UNCUFFED** ETTs only
- There is a specific Outer Diameter (OD) range that each size AA will accommodate.
- PRIOR TO USING ARC ANGEL, THE CLINICIAN SHOULD CHECK THAT THE ETT OUTER DIAMETER IS WITHIN THE FITMENT RANGE LISTED ON THE SIZE CHART.
- Groove openings were engineered to a hundredth of a mm based on the Outer Diameter fitment range that they could accommodate.
- All gastric suction tubes have uniform ODs throughout brands.
- All feeding tubes have uniform ODs throughout brands, however they consist of different materials (silicone, polyurethane, PVC) that behave differently with heat.
- Feeding tube grooves were engineered to securely hold the tube without occluding flow of fluid.*

* Gravity flow testing of formula through various brands of feeding tubes was done. There was a negligible difference between a feeding tube not secured with ArcAngel and feeding tube secured within ArcAngel.

Tested brands of ETT that ArcAngel will accommodate:

2.5 ETT:

Covidien
Curaplex
Dynarex
Flexicare
Mallinckrodt
Parker Medical Flex Tip
Portex
Rusch
Sun Med
Teleflex

3.0 ETT:

Aircare
Covidien
Curaplex
Dynarex
Flexicare
Hudson
Mallinckrodt
Parker Medical Flex Tip
Portex
Rusch
Sun Med
Teleflex

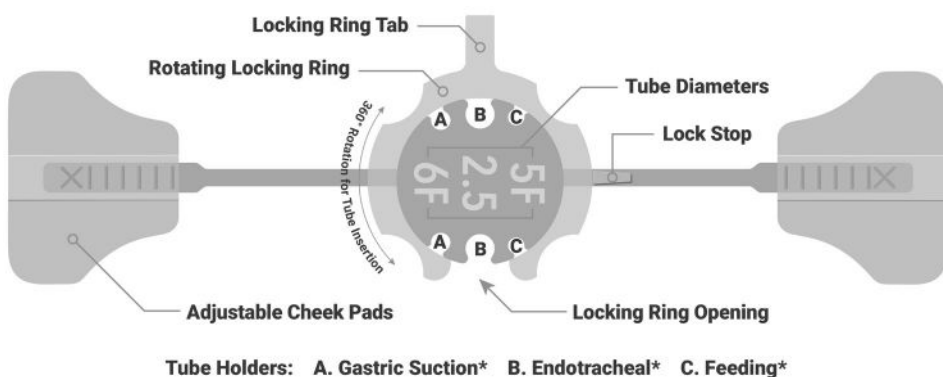
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Dynarex
Flexicare
Hudson
Mallinckrodt
Parker Medical Flex Tip
Portex
Rusch
Sun Med
Teleflex

4.0 ETT:

Covidien
Curaplex
Dynarex
Flexicare
Mallinckrodt
Parker Medical Flex Tip
Portex
Rusch
Sun Med
Teleflex

Medsorce tubes may be used but will require sizing up. For example, if you have a 2.5 Medsource ETT, you will need to use a size 1 ArcAngel instead of a size 0.



IMPORTANT

Outer diameters of both ETT and feeding/gastric suction tubes can vary within the same brand by 0.02mm+.

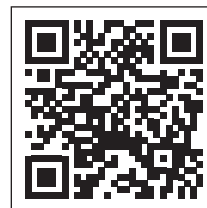
- Example—Two ETTs of the same size and brand and same lot number have been shown to vary in outer diameter measurement. This goes for the same spot of the tube and throughout the length of the tube.

We are doing clinical trials with various brands of ETT, Feeding, and Gastric Suction tubes to narrow down which brands have the most consistency throughout size ranges. We will be posting results on the website as data comes in.

Because of the great variances and properties of feeding tubes across the market, some brands will hold better than others. We will compile a list of brands that have shown the most consistency in fit.

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