



Vent Tube Buyers Guide



Grace Medical We Listen.

Triune Tube

The patented Triune ventilation tube was specially designed to address complications of long term T-Tubes, specifically perforations. Features of the Triune are found in its unique design. Instead of two medial flanges, the Triune has three. The three flanges help to keep the tube in perpendicular relationship to the eardrum. This feature restricts unnecessary erosion of TM tissue. Each of the three flanges are also angled to contour to the TM which further prevents trauma to the TM tissue.¹ Studies show a 2.6% perforation rate compared to 16.6% for standard long term T-Tubes.²



- 1 The Triune, a New Silicone Tympanoplasty Tube, Frank Hill, MD
Otolaryngology - Head and Neck Surgery (2006) 134, 524-525
- 2 Kay DJ, Nelson MT, Rosenfeld RM. Meta-analysis of tympanostomy tube
sequelae. Otolaryngology - Head Neck Surgery 1999; 124:374-380.

Armstrong R



Cat. #	Material	(A) FI dia.	(B) IF	(C) Lumen	Pkg.
520-191	Flpl	2.70	1.00	1.14	5/Bx
520-192	Flpl	2.70	1.00	1.14	10/Bx
520-193	Flpl	2.70	1.00	1.14	30/Bx
520-196	Flpl	2.70	1.00	1.14	60/Bx
525-191	Blue Flpl	2.70	1.00	1.14	5/Bx
525-192	Blue Flpl	2.70	1.00	1.14	10/Bx
525-193	Blue Flpl	2.70	1.00	1.14	30/Bx
525-196	Blue Flpl	2.70	1.00	1.14	60/Bx
*510-281	Silicone	2.54x3.81	0.70	1.14	5/Bx
*510-281C	Silicone (PC)	2.54x3.81	0.70	1.14	5/Bx
*510-282	Silicone	2.54x3.81	0.70	1.14	10/Bx
*510-283	Silicone	2.54x3.81	0.70	1.14	30/Bx
*510-286C	Silicone (PC)	2.54x3.81	0.70	1.14	60/Bx
510-311	Silicone	2.54x3.81	0.70	1.14	5/Bx
510-312	Silicone	2.54x3.81	0.70	1.14	10/Bx

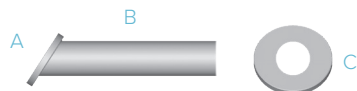
*with tab

Modified Armstrong



Cat. #	Material	(A) FI dia.	(B) IF	(C) Lumen	Pkg.
525-181	Blue Flpl	2.54	1.14	1.14	5/Bx
525-183	Blue Flpl	2.54	1.14	1.14	30/Bx
520-272	Flpl	2.54	1.14	1.14	10/Bx
520-276	Flpl	2.54	1.14	1.14	60/Bx

Armstrong Beveled Straight



Cat. #	Material	(A) FI dia.	(B) Length	(C) Lumen	Pkg.
520-141	Flpl	2.79	8.00	1.14	5/Bx
520-142	Flpl	2.79	8.00	1.14	10/Bx

Baxter Beveled Bobbin



Cat. #	Material	(A) FI dia.	(B) IF	(C) Lumen	Pkg.
520-211	Flpl	2.30	tapered	0.97	5/Bx
520-212	Flpl	2.30	tapered	0.97	10/Bx
520-221	Flpl	3.00	tapered	1.27	5/Bx
520-222	Flpl	3.00	tapered	1.27	10/Bx
525-221	Blue Flpl	3.00	tapered	1.27	5/Bx

Beveled Bobbin



Cat. #	Material	(A) FI dia.	(B) IF	(C) Lumen	Pkg.
525-171	Blue Flpl	3.15x2.79	0.71	1.14	5/Bx
525-172	Blue Flpl	3.15x2.79	0.71	1.14	10/Bx

Pediatric Bobbin



Cat. #	Material	(A) FI dia.	(B) IF	(C) Lumen	Pkg.
500-061	Blue Ti	1.50x2.00	1.00	0.78	5/Bx
500-062	Blue Ti	1.50x2.00	1.00	0.78	10/Bx

Bobbin



Cat. #	Material	(A)FI dia.	(B) IF	(C) Lumen	Pkg.
500-001	Blue Ti	2.70	1.00	1.02	5/Bx
500-002	Blue Ti	2.70	1.00	1.02	10/Bx
500-011	Blue Ti	2.70	1.00	1.14	5/Bx
500-012	Blue Ti	2.70	1.00	1.14	10/Bx
500-021	Blue Ti	2.70	1.00	1.27	5/Bx
500-022	Blue Ti	2.70	1.00	1.27	10/Bx
500-026	Blue Ti	2.70	1.00	1.27	60/Bx
*500-021M	Gold Ti	2.70	1.00	1.27	5/Bx
*500-022M	Gold Ti	2.70	1.00	1.27	10/Bx
520-021	Flpl	2.70	1.00	1.02	5/Bx
520-022	Flpl	2.70	1.00	1.02	10/Bx
520-026	Flpl	2.70	1.00	1.02	60/Bx
520-001	Flpl	2.70	1.00	1.14	5/Bx
520-002	Flpl	2.70	1.00	1.14	10/Bx
520-003	Flpl	2.70	1.00	1.14	30/Bx
525-021	Blue Flpl	2.70	1.00	1.02	5/Bx
525-001	Blue Flpl	2.70	1.00	1.14	5/Bx
525-003	Blue Flpl	2.70	1.00	1.14	30/Bx

*Designed in conjunction with Rande Lazar, MD, Memphis, TN

Sheehy Collar Button



Cat. #	Material	(A) FI dia.	(B) IF	(C) Lumen	Pkg.
510-131	Silicone	2.75	1.50	1.27	5/Bx
510-131C	Silicone (PC)	2.75	1.50	1.27	5/Bx
510-132	Silicone	2.75	1.50	1.27	10/Bx
510-132C	Silicone (PC)	2.75	1.50	1.27	10/Bx
510-133	Silicone	2.75	1.50	1.27	30/Bx
510-133C	Silicone (PC)	2.75	1.50	1.27	30/Bx
510-136	Silicone	2.75	1.50	1.27	60/Bx
510-136C	Silicone (PC)	2.75	1.50	1.27	60/Bx
510-451	Silicone	2.75	1.30	1.27	5/Bx
510-456	Silicone	2.75	1.30	1.27	60/Bx
510-531	Silicone	2.75	1.50	1.14	5/Bx
510-536	Silicone	2.75	1.50	1.14	60/Bx
520-011	Flpl	3.00	1.50	1.27	5/Bx
520-012	Flpl	3.00	1.50	1.27	10/Bx
520-013	Flpl	3.00	1.50	1.27	30/Bx
520-016	Flpl	3.00	1.50	1.27	60/Bx
525-011	Blue Flpl	3.00	1.50	1.27	5/Bx
525-012	Blue Flpl	3.00	1.50	1.27	10/Bx
525-016	Blue Flpl	3.00	1.50	1.27	60/Bx
525-231	Blue Flpl	3.00	1.00	1.27	5/Bx
525-232	Blue Flpl	3.00	1.00	1.27	10/Bx
525-233	Blue Flpl	3.00	1.00	1.27	30/Bx

Donaldson



Cat. #	Material	(A) FI dia.	(B) IF	(C) Lumen	Pkg.
*510-001	Silicone	2.30	0.76	1.14	5/Bx
*510-001C	Silicone (PC)	2.30	0.76	1.14	5/Bx
*510-002	Silicone	2.30	0.76	1.14	10/Bx
*510-003	Silicone	2.30	0.76	1.14	30/Bx
510-011	Silicone	2.30	0.76	1.14	5/Bx
510-011C	Silicone (PC)	2.30	0.76	1.14	5/Bx
510-012	Silicone	2.30	0.76	1.14	10/Bx
510-016	Silicone	2.30	0.76	1.14	60/Bx
520-051	Flpl	2.30	0.76	1.14	5/Bx
520-052	Flpl	2.30	0.76	1.14	10/Bx
525-051	Blue Flpl	2.30	0.76	1.14	5/Bx
525-052	Blue Flpl	2.30	0.76	1.14	10/Bx

*with tab

Mini - Reversible



Cat. #	Material	(A) FI dia.	(B) IF	(C) Lumen	Pkg.
510-151	Silicone	2.00x1.80	1.00	0.89	5/Bx
510-152	Silicone	2.00x1.80	1.00	0.89	10/Bx

Moretz



Cat. #	Material	(A) FI dia.	(B) IF	(C) Lumen	Pkg.
500-121	Blue Ti	0.86	1.00	0.76	5/Bx
500-131	Blue Ti	2.70	1.00	1.27	5/Bx
500-132	Blue Ti	2.70	1.00	1.27	10/Bx

Paparella



Cat. #	Material	(A) FI dia.	(B) IF	(C) Lumen	Pkg.
*510-041	Silicone	2.44x2.16	1.00	1.02	5/Bx
*510-041C	Silicone (PC)	2.44x2.16	1.00	1.02	5/Bx
*510-042	Silicone	2.44x2.16	1.00	1.02	10/Bx
*510-042C	Silicone (PC)	2.44x2.16	1.00	1.02	10/Bx
*510-043	Silicone	2.44x2.16	1.00	1.02	30/Bx
*510-043C	Silicone (PC)	2.44x2.16	1.00	1.02	30/Bx
*510-046	Silicone	2.44x2.16	1.00	1.02	60/Bx
510-051	Silicone	2.44x2.16	1.00	1.02	5/Bx
510-051C	Silicone (PC)	2.44x2.16	1.00	1.02	5/Bx
510-052	Silicone	2.44x2.16	1.00	1.02	10/Bx
510-053	Silicone	2.44x2.16	1.00	1.02	30/Bx
510-053C	Silicone (PC)	2.44x2.16	1.00	1.02	30/Bx
510-056	Silicone	2.44x2.16	1.00	1.02	60/Bx
*510-061	Silicone	2.44x2.16	1.00	1.14	5/Bx
*510-061C	Silicone (PC)	2.44x2.16	1.00	1.14	5/Bx
*510-062	Silicone	2.44x2.16	1.00	1.14	10/Bx
*510-063	Silicone	2.44x2.16	1.00	1.14	30/Bx
510-321	Silicone	2.44x2.16	1.00	1.14	5/Bx
*510-071	Silicone	4.14x3.00	1.00	1.27	5/Bx
*510-072	Silicone	4.14x3.00	1.00	1.27	10/Bx
510-211C	Silicone (PC)	4.14x3.00	1.00	1.27	5/Bx
510-212C	Silicone (PC)	4.14x3.00	1.00	1.27	10/Bx
*510-081	Silicone	4.23x3.20	1.00	1.52	5/Bx
*510-082	Silicone	4.23x3.20	1.00	1.52	10/Bx
*510-091	Silicone	4.57x3.50	1.00	2.03	5/Bx
*510-092	Silicone	4.57x3.50	1.00	2.03	10/Bx
*520-131	Flpl	2.64x2.13	1.00	1.02	5/Bx
*520-132	Flpl	2.64x2.13	1.00	1.02	10/Bx

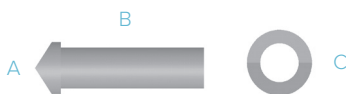
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Pope



Cat. #	Material	(A) FI dia.	(B) IF	(C) Lumen	Pkg.
510-161	Silicone	2.50x3.50	1.00	1.14	5/Bx
510-161C	Silicone (PC)	2.50x3.50	1.00	1.14	5/Bx
510-162	Silicone	2.50x3.50	1.00	1.14	10/Bx
530-001	Polyethylene	2.60x2.60	1.10	1.14	5/Bx
530-003	Polyethylene	2.60x2.60	1.10	1.14	30/Bx

Razrbac



Cat. #	Material	(A) FI dia.	(B) Length	(C) Lumen	Pkg.
500-110	Blue Ti	1.8	4.00	1.14	5/Bx

Designed in conjunction with John Dornhoffer, MD, Little Rock, AR

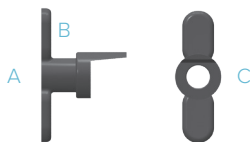
Reuter Bobbin



Cat. #	Material	(A) FI dia.	(B) IF	(C) Lumen	Pkg.
*500-101	Titanium	2.70	1.01	1.14	5/Bx
525-161	Blue Flpl.	2.79	0.86	1.00	5/Bx
525-162	Blue Flpl.	2.79	0.86	1.00	10/Bx
*520-181	Flpl.	2.80	0.93	1.14	5/Bx
*520-182	Flpl.	2.80	0.93	1.14	10/Bx
*520-186	Flpl.	2.80	0.93	1.14	60/Bx

*with holes

Rube



Cat. #	Material	(A) Flange L	(B) IF	(C) Lumen	Pkg.
510-181	Silicone	6.6	1.00	1.14	5/Bx
510-181C	Silicone (PC)	6.6	1.00	1.14	5/Bx
510-191	Silicone	6.6	1.00	1.27	5/Bx

Shea Parasol



Cat. #	Material	(A) FI Dia	(B) IF	(C) Lumen	Pkg.
*510-261	Silicone	1.47	0.81	1.02	5/Bx
*510-262	Silicone	1.47	0.81	1.02	10/Bx

Spoon Bobbin



Cat. #	Material	(A) FI dia.	(B) IF	(C) Lumen	Pkg.
500-031	Blue Ti	2.60	1.00	1.02	5/Bx
500-032	Blue Ti	2.60	1.00	1.02	10/Bx
500-041	Blue Ti	2.60	1.00	1.14	5/Bx
500-042	Blue Ti	2.60	1.00	1.14	10/Bx
500-051	Blue Ti	2.60	1.00	1.27	5/Bx
500-052	Blue Ti	2.60	1.00	1.27	10/Bx

Shepard Grommet



Cat. #	Material	(A) FI dia.	(B) IF	(C) Lumen	Pkg.
*510-021	Silicone	2.30	1.60	1.02	5/Bx
*510-022	Silicone	2.30	1.60	1.02	10/Bx
510-231	Silicone	2.30	1.60	1.02	5/Bx1
*510-031	Silicone	2.30	1.60	1.14	5/Bx
*510-032	Silicone	2.30	1.60	1.14	10/Bx
*510-021C	Silicone(PC)	2.30	1.60	1.02	5/Bx
*520-031	Flpl	2.30	1.60	1.02	5/Bx
*520-032	Flpl	2.30	1.60	1.02	10/Bx
*520-041	Flpl	2.30	1.60	1.14	5/Bx
*520-042	Flpl	2.30	1.60	1.14	10/Bx
*525-041	Blue Flpl	2.30	1.60	1.14	5/Bx
*525-043	Blue Flpl	2.30	1.60	1.14	30/Bx
520-111	Flpl	2.30	1.60	1.02	5/Bx
520-112	Flpl	2.30	1.60	1.02	10/Bx
520-113	Flpl	2.30	1.60	1.02	30/Bx
520-116	Flpl	2.30	1.60	1.02	60/Bx
525-111	Blue Flpl	2.30	1.60	1.02	5/Bx
525-113	Blue Flpl	2.30	1.60	1.02	30/Bx
525-111W	Blue Flpl (Wire)	2.30	1.60	1.02	5/Bx
520-121	Flpl	2.30	1.60	1.14	5/Bx
520-122	Flpl	2.30	1.60	1.14	10/Bx
525-121	Blue Flpl	2.30	1.60	1.14	5/Bx
525-123	Blue Flpl	2.30	1.60	1.14	30/Bx
525-126	Blue Flpl	2.30	1.60	1.14	60/Bx
525-121W	Blue Flpl (Wire)	2.30	1.60	1.14	5/Bx
525-123W	Blue Flpl (Wire)	2.30	1.60	1.14	30/Bx
525-126W	Blue Flpl (Wire)	2.30	1.60	1.14	60/Bx

*with tab

Simon - Hannah Bobbin



Cat. #	Material	(A) FI Dia	(B) IF	(C) Lumen	Pkg.
500-081	Gold Ti	2.00	0.78	1.14	5/Bx

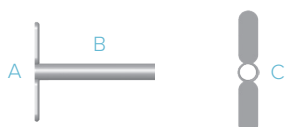
Designed in conjunction with Louis Chanin, MD, Memphis, TN

Straight



Cat. #	Material	(A) FI dia.	(B) Length	(C) Lumen	Pkg.
520-061	Flpl	2.30	7.00	0.9	5/Bx
520-062	Flpl	2.30	7.00	0.9	10/Bx
520-071	Flpl	2.30	12.00	0.9	5/Bx
520-072	Flpl	2.30	12.00	0.9	10/Bx
520-081	Flpl	2.30	7.00	1.14	5/Bx
520-082	Flpl	2.30	7.00	1.14	10/Bx
520-091	Flpl	2.30	12.00	1.14	5/Bx
520-092	Flpl	2.30	12.00	1.14	10/Bx

T-Tube



Cat. #	Material	(A) Flange L	(B) Length	(C) Lumen	Pkg.
510-101	Silicone	9.80	12.00	1.14	5/Bx
510-101C	Silicone (PC)	9.80	12.00	1.14	5/Bx
510-102	Silicone	9.80	12.00	1.14	10/Bx

Modified T-Tube



Cat. #	Material	(A) Flange L	(B) Length	(C) Lumen	Pkg.
510-111	Silicone	7.60	6.00	1.27	5/Bx
510-111C	Silicone (PC)	7.60	6.00	1.27	5/Bx
510-112	Silicone	7.60	6.00	1.27	10/Bx
510-361	Supersoft™ Silicone	5.60	8.00	1.14	5/Bx

Tapervent



Cat. #	Material	(A) FI dia.	(B) IF	(C) Lumen	Pkg.
510-141	Silicone	4.20x2.54	1.17	1.14	5/Bx
510-141C	Silicone (PC)	4.20x2.54	1.17	1.14	5/Bx
510-142	Silicone	4.20x2.54	1.17	1.14	10/Bx
510-171	Silicone	4.50x2.72	1.37	1.27	5/Bx
510-171C	Silicone (PC)	4.50x2.72	1.37	1.27	5/Bx
510-172	Silicone	4.50x2.72	1.37	1.27	10/Bx
510-173	Silicone	4.50x2.72	1.37	1.27	30/Bx

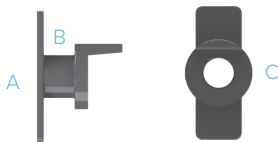
Tiny Tef



Cat. #	Material	(A) FI dia.	(B) IF	(C) Lumen	Pkg.
520-151	Flpl	2.00x1.50	1.00	0.76	5/Bx
520-152	Flpl	2.00x1.50	1.00	0.76	10/Bx

Designed in conjunction with Coyle Shea, MD, Memphis, TN

Touma



Cat. #	Material	(A) FI dia.	(B) IF	(C) Lumen	Pkg.
510-501	Silicone	4.80	1.10	1.14	5/Bx
510-501C	Silicone (PC)	4.80	1.10	1.14	10/Bx

Triune



Cat. #	Material	(A)Flange L	(B)Length	(C)Lumen	Pkg.
510-121	Silicone	2.75	5.00	1.35	5/Bx
510-121C	Silicone (PC)	2.75	5.00	1.35	5/Bx
510-122	Silicone	2.75	5.00	1.35	10/Bx
510-123	Silicone	2.75	5.00	1.35	30/Bx
510-251	Silicone	2.00	3.81	0.76	5/Bx
510-251C	Silicone (PC)	2.00	3.81	0.76	5/Bx
510-252	Silicone	2.00	3.81	0.76	10/Bx

Triune Tube designed in conjunction with Frank Hill, MD, Columbia, SC
Tiny Triune Tube design suggested by Dennis Bojrab, MD, Detroit, MI

Triune Trumpet



Cat. #	Material	(A)Flange L	(B)Length	(C)Lumen	Pkg.
510-301	Silicone	2.35	2.45	1.27	5/Bx
510-302	Silicone	2.35	2.45	1.27	10/Bx

Designed in conjunction with Frank Hill, MD, Columbia, SC

Flpl = Fluoroplastic
Ti = Titanium
Silicone (PC) = PC Coated
Blue Flpl (Wire) = With Wire

5/Bx = Single Pack
10/Bx = Double Pack
30/Bx = Single Pack
60/Bx = Double Pack

Tympanoplasty Blades

Ref. # 930-011	Angled 60 degrees, 2.5mm wide, blade only*
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Ref. # 930-022	Straight, 2.5mm wide, blade only*
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Flat Stock Knives and Blades - Myringotomy

Ref. # 930-001	Lance - adult size, angled with round handle
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Ref. # 930-002	Lance - juvenile size, angled with round handle
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Ref. # 930-003	Spear - juvenile size, angled with round handle
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Ref. # 930-008	Lance - adult size, angled - blade only*
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Ref. # 930-009	Lance - juvenile size, angled - blade only*
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Ref. # 930-010	Spear - juvenile size, angled - blade only*
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Ref. # 930-020	Sickle flat blade with flat handle
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Ref. # 930-021	Lance flat blade with flat handle
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Round Stock Knives and Blades - Myringotomy

Ref. # 930-004

Lance - juvenile size, straight with handle



Ref. # 930-014

Tapered - straight edge, upward cut - blade only***



Ref. # 930-015

Tapered - straight edge, downward cut - blade only***



Ref. # 930-016

Spear - angled - blade only***



Handles

Ref. # 930-017

*handle accommodates all Flat Stock Blades, 10cm



Ref. # 930-018

**handle accommodates all Round Stock Blades, 10cm

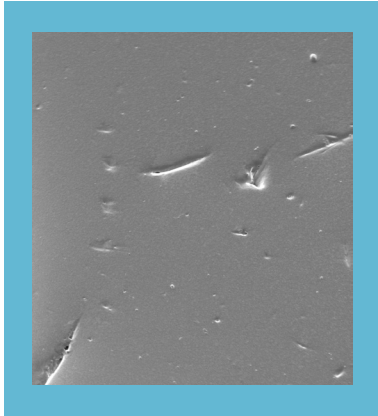


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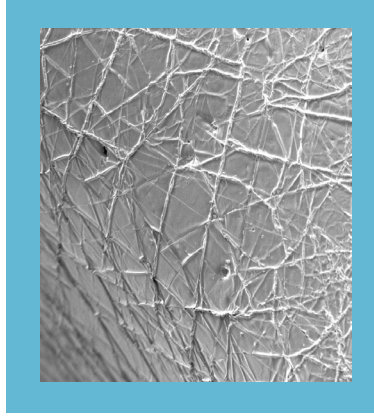
***handle accommodates all Tapered Round Stock Blades, 10cm



Cold Silicone Mold Technology



Grace Medical Cold Mold
Silicone Tube Surface



Traditional Hot Mold
Silicone Tube Surface



Cold Silicone Mold Technology

Cold Silicone → Cold Mold → Hot Oven

- Creates Smooth Tube Surface
- Provides Less Area For Bacterial Adhesion

Hot Silicone Mold Technology

Cold Silicone → Hot Mold → Hot Oven

- Creates "Orange Peel" Tube Surface
- Rougher Surface May Create Platform For Bacteria Adhesion



Cold Mold Technology is available on all Grace Medical silicone vent tubes.



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