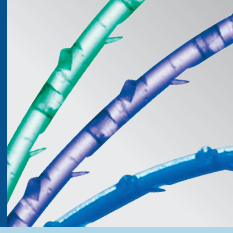


**SECURE.
FAST.
EFFECTIVE.** ^{1,2}

V-Loc™
Wound Closure Device
Product Catalog

The V-Loc™ wound closure device is a revolutionary technology that closes wounds securely without the need to tie knots. This guide showcases the available sizes with all applicable needles.

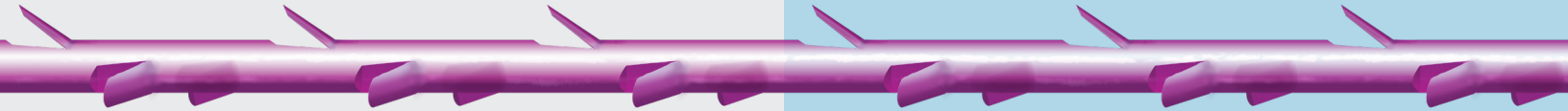


The Secure Advantage V-Loc™ Device

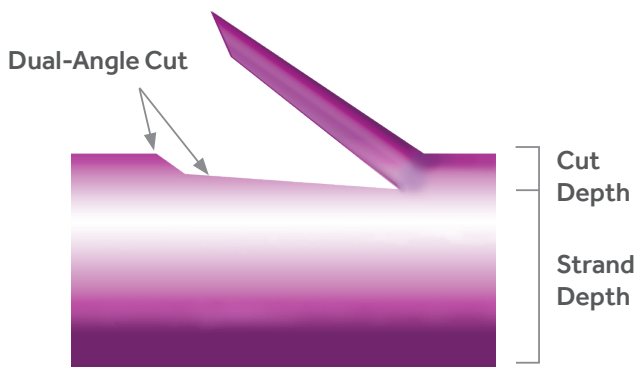
The V-Loc™ device provides greater wound closure strength compared with the Stratafix™ Spiral.^{3,4} The unique dual-angle cut and barbing pattern of the V-Loc™ device creates the barbing technology, which is backed by eight years of clinical experience.

Barb Design

V-Loc™ device utilizes a dual-angle cut that creates a strong anchoring barb⁴ while maintaining the strand's integrity.



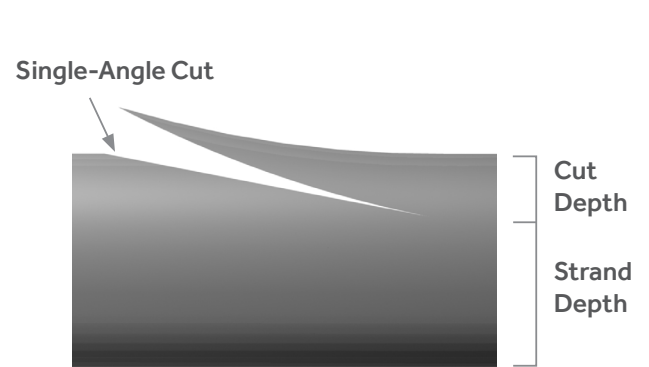
V-Loc™ Device



Dual-Angle Cut

Lower-cut angle produces barbs with strong anchoring force and the shallow cut-depth preserves the integrity of the strand's strength

Stratafix™ Spiral

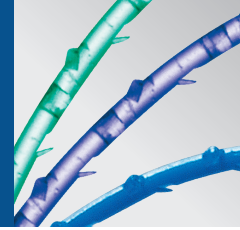



Single-Angle Cut

High-cut angle produces flimsy barbs and the deeper cut-depth results in the compromise of the strand's strength

V-Loc™ 90

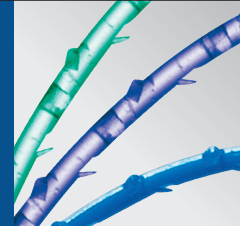
Absorbable Wound Closure Device





PREMIUM REVERSE CUTTING 	Length (cm)	Length (in)	Color	Units Per Box	M SIZE				
					4-0	3-0	2-0	0	
					1.5	2	3	3.5	
3/8 Circle 16 mm  P-11	30	12	Undyed	12	VLOCM1413 ❖				
	45	18	Undyed	12	VLOCM1423 ❖				
3/8 Circle 19 mm  P-12	15	6	Undyed	12	VLOCM0003 ❖	VLOCM0004 ❖	VLOCM0005		
	30	12	Undyed	12	VLOCM0013 ❖	VLOCM0014 ❖	VLOCM0015		
	45	18	Undyed	12	VLOCM0023 ❖	VLOCM0024 ❖	VLOCM0025		
	58	23	Undyed	12	VLOCM0033 ❖	VLOCM0034 ❖	VLOCM0035		
3/8 Circle 24 mm  P-14	23	9	Violet	12			VLOCM3245		
	30	12	Undyed	12	VLOCM0113 ❖	VLOCM0114 ❖	VLOCM0115		
	45	18	Undyed	12	VLOCM0123 ❖	VLOCM0124 ❖	VLOCM0125		
	58	23	Undyed	12	VLOCM0133 ❖	VLOCM0134 ❖	VLOCM0135		
3/8 Circle 30 mm  P-17	45	18	Undyed	12		VLOCM1824			
TAPER POINT 									
3/8 Circle 17 mm  CV-15	15	6	Violet	12	VLOCM1203 ❖	VLOCM1204 ❖			

V-Loc™ 90

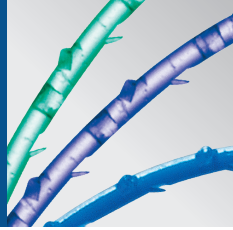
Absorbable Wound Closure Device





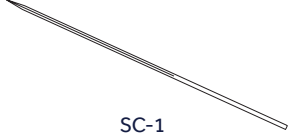
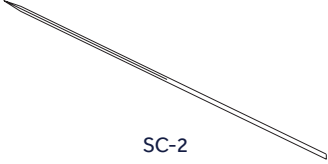


TAPER POINT 	Length (cm)	Length (in)	Color	Units Per Box	SIZE		4-0	3-0	2-0	0
					M		1.5	2	3	3.5
1/2 Circle 17 mm  CV-23	15	6	Violet	12			VLOCM0804 ❖			
	15	6	Undyed	12			VLOCM1904 ❖			
	23	9	Violet	12		VLOCM0843	VLOCM0844 ❖			
	23	9	Undyed	12			VLOCM1944 ❖			
	30	12	Violet	12		VLOCM0813 ❖	VLOCM0814 ❖			
	45	18	Violet	12			VLOCM0824 ❖			
1/2 Circle 26 mm  V-20	15	6	Violet	12		VLOCM0603 ❖	VLOCM0604 ❖			
	15	6	Undyed	12			VLOCM2004 ❖			
	23	9	Violet	12			VLOCM0644 ❖			
	23	9	Undyed	12			VLOCM2044 ❖			
	30	12	Violet	12			VLOCM0614 ❖			
	45	18	Violet	12		VLOCM0623 ❖	VLOCM0624 ❖	VLOCM0625		
1/2 Circle 30 mm  V-30	23	9	Violet	12			VLOCM1544	VLOCM1545		
1/2 Circle 27 mm  GS-22	15	6	Violet	12				VLOCM2105		
	15	6	Undyed	12				VLOCM2205		
	23	9	Violet	12				VLOCM2145		
	23	9	Undyed	12				VLOCM2245		
	30	12	Violet	12				VLOCM2115		

V-Loc™ 90

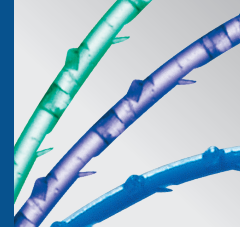
Absorbable Wound Closure Device










TAPER POINT 	Length (cm)	Length (in)	Color	Units Per Box	M SIZE				
					4-0	3-0	2-0	0	
					1.5	2	3	3.5	
1/2 Circle 37 mm  GS-21	15	6	Violet	12			VLOCM0305		
	23	9	Violet	12		VLOCM0344	VLOCM0345		
	30	12	Violet	12			VLOCM0315		
	45	18	Violet	12		VLOCM0324			
	45	18	Undyed	12			VLOCM3225		
5/8 Circle 27 mm  GU-46	15	6	Violet	12		VLOCM1704			
	23	9	Violet	12		VLOCM1744			
STRAIGHT CUTTING 									
Straight 51 mm  SC-1	45	18	Undyed	12		VLOCM1624			
Straight 60 mm  SC-2	45	18	Undyed	12	VLOCM0223	VLOCM0224			

V-Loc™ 180

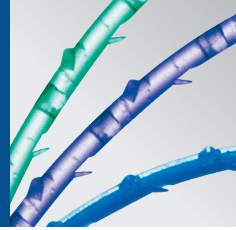
Absorbable Wound Closure Device










PREMIUM REVERSE CUTTING 	Length (cm)	Length (in)	Color	Units Per Box	M	4-0	3-0	2-0	0
						1.5	2	3	3.5
3/8 Circle 16 mm  P-11	30	12	Clear	12		VLOCL1413 ❖			
3/8 Circle 19 mm  P-12	15	6	Clear	12		VLOCL0003 ❖	VLOCL0004		
	30	12	Clear	12		VLOCL0013 ❖	VLOCL0014	VLOCL0015	
	45	18	Clear	12		VLOCL0023 ❖	VLOCL0024	VLOCL0025	
	58	23	Clear	12		VLOCL0033 ❖			
	60	24	Clear	12			VLOCL0034		
3/8 Circle 24 mm  P-14	30	12	Clear	12			VLOCL0114	VLOCL0115	
	30	12	Green	12					VLOCL3216
	45	18	Clear	12		VLOCL0123 ❖	VLOCL0124	VLOCL0125	
	58	23	Clear	12		VLOCL0133 ❖			
	60	24	Clear	12			VLOCL0134	VLOCL0135	
STRAIGHT CUTTING 									
1/2 Circle 37 mm  GS-11	30	12	Clear	12				VLOCL2815	
	45	18	Clear	12					VLOCL2826
	45	18	Green	12				VLOCL2825	
	60	24	Green	12					VLOCL2836
1/2 Circle 40 mm  HOS-12	60	24	Green	12					VLOCL4636

V-Loc™ 180

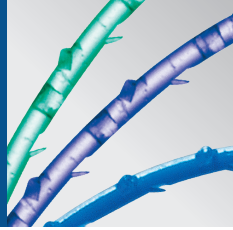
Absorbable Wound Closure Device









TAPER POINT 	Length (cm)	Length (in)	Color	Units Per Box	M SIZE			
					4-0	3-0	2-0	0
1/2 Circle 17 mm  CV-23	15	6	Green	12	VLOCL0803 ❖	VLOCL0804		
	15	6	Clear	12		VLOCL1904		
	23	9	Green	12		VLOCL0844 ❖		
	30	12	Green	12	VLOCL0813 ❖	VLOCL0814		
	45	18	Green	12		VLOCL0824		
1/2 Circle 26 mm  V-20	15	6	Green	12	VLOCL0603 ❖	VLOCL0604 ❖		
	23	9	Green	12	VLOCL0643	VLOCL0644 ❖		
	30	12	Green	12	VLOCL0613 ❖	VLOCL0614 ❖	VLOCL0615	
	45	18	Green	12		VLOCL0624 ❖	VLOCL0625	
	60	24	Green	12			VLOCL0635	
1/2 Circle 30 mm  V-30	23	9	Green	12		VLOCL1544	VLOCL1545	
1/2 Circle 27 mm  GS-22	15	6	Green	12			VLOCL2105	
	23	9	Green	12			VLOCL2145	VLOCL2246
	30	12	Green	12				VLOCL2216
1/2 Circle 37 mm  GS-21	15	6	Green	12			VLOCL0305	VLOCL0306
	23	9	Green	12		VLOCL0344	VLOCL0345	VLOCL0346
	30	12	Green	12			VLOCL0315	VLOCL0316
	45	18	Green	12		VLOCL0324	VLOCL0325	VLOCL0326
	60	24	Green	12			VLOCL0335	VLOCL0336
1/2 Circle 48 mm  GS-25	30	12	Green	12				VLOCL0416
	45	18	Green	12				VLOCL0426
	60	24	Green	12				VLOCL0436

V-Loc™ PBT

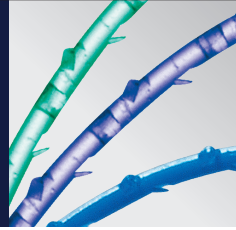
Non-absorbable Wound Closure Device



TAPER POINT 	Length (cm)	Length (in)	Color	Units Per Box	M SIZE	4-0	3-0	2-0	0	1
						1.5	2	3	3.5	4
1/2 Circle 17 mm  CV-23	15	6	Blue	12		VLOCN0804				
	30	12	Blue	12		VLOCN0814 ❖				
	45	18	Blue	12						
1/2 Circle 26 mm  V-20	15	6	Blue	12			VLOCN0604 ❖	VLOCN0605		
	23	9	Blue	12			VLOCN0644 ❖			
	30	12	Blue	12			VLOCN0614 ❖	VLOCN0615		
	45	18	Blue	12						
1/2 Circle 27 mm  GS-22	15	6	Blue	12				VLOCN2105	VLOCN2106	
	23	9	Blue	12				VLOCN2145	VLOCN2146	VLOCN2147
	30	12	Blue	12						VLOCN2117
	45	18	Blue	12					VLOCN1126	
1/2 Circle 37 mm  GS-21	15	6	Blue	12				VLOCN0305	VLOCN0306	
	23	9	Blue	12				VLOCN0345	VLOCN0346	VLOCN0347
	30	12	Blue	12						VLOCN0317
	45	18	Blue	12				VLOCN0325	VLOCN0326	VLOCN0327
1/2 Circle 48 mm  GS-25	60	24	Blue	12						VLOCN0437

V-Loc™ 180 Absorbable Reload

for Endo Stitch™ Suturing Device and SILS™ Articulating Suture Device



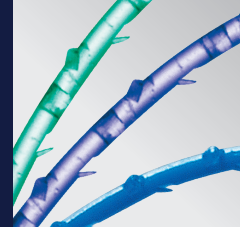
	Length (cm)	Length (in)	Color	Units per box	M	SIZE	3-0	2-0	0	1
							2	3	3.5	4
	10	4	Green	6					VLOCA004L	
	15	6	Green	6					VLOCA006L	
	20	8	Green	6					VLOCA008L	
	10	4	Green	6				VLOCA204L		
	15	6	Green	6				VLOCA206L		
	20	8	Green	6				VLOCA208L		
	10	4	Green	6			VLOCA304L			
	15	6	Green	6			VLOCA306L			
	20	8	Green	6			VLOCA308L			

Endo Stitch™ Suturing Device and SILS™ Articulating Suture Device Reorder Codes

Reorder Code	Description
173016	Endo Stitch™ 10 mm Suturing Device
173027	Endo Stitch™ Short 10 mm Suturing Device
SILSSTITCH	SILS™ Articulating Suture Device

V-Loc™ PBT Non-Absorbable Reload

for Endo Stitch™ Suturing Device and SILS™ Articulating Suture Device

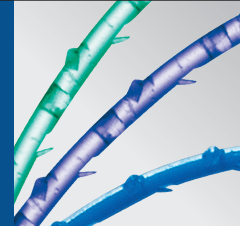


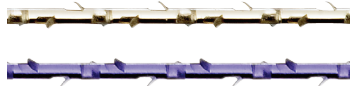


	Length (cm)	Length (in)	Color	Units per box	M	SIZE	3-0	2-0	0	1
							2	3	3.5	4
	10	4	Blue	6					VLOCN004L	
	15	6	Blue	6					VLOCN006L	
	20	8	Blue	6					VLOCN008L	
	10	4	Blue	6				VLOCN204L		
	15	6	Blue	6				VLOCN206L		
	20	8	Blue	6				VLOCN208L		
	10	4	Blue	6			VLOCN304L			
	15	6	Blue	6			VLOCN306L			
	20	8	Blue	6			VLOCN308L			

Endo Stitch™ Suturing Device and SILS™ Articulating Suture Device Reorder Codes

Reorder Code	Description
173016	Endo Stitch™ 10 mm Suturing Device
173027	Endo Stitch™ Short 10 mm Suturing Device
SILSSTITCH	SILS™ Articulating Suture Device

V-Loc™ Wound Closure Device



	V-Loc™ 90 Device	V-Loc™ 180 Device	V-Loc™ PBT Non-Absorbable Device
Tensile Strength	7 days, 90%; 14 days, 75%	7 days, 80%; 14 days, 75%; 21 days, 65%	Permanent
Absorption Profile	90-110 days	180 days	Permanent
Procedural Applications	Soft tissue approximation where support is required consistent with the absorption profile	Soft tissue approximation where support is required consistent with the absorption profile	Soft tissue approximation
Color	Undyed, violet 	Clear, green 	Blue 
Composition	Glycolide, dioxanone and trimethylene carbonate	Copolymer of glycolic acid and trimethylene carbonate	Polybutester
Indications	V-Loc™ 90 and V-Loc™ 180 absorbable wound closure devices are indicated for soft tissue approximation where use of an absorbable suture is appropriate.		V-Loc™ PBT non-absorbable wound closure devices are indicated for soft tissue approximation.

For more information or to set up a product demonstration, contact your local Medtronic wound closure specialist or call customer service at **800-722-8772**.

1. Alessandri F, Remorgida V, Venturini PL, Ferrero S, et al. Unidirectional barbed suture versus continuous suture with intracorporeal knots in laparoscopic myomectomy: a randomized study. *J Minim Invasive Gynecol*. 2010 Nov-Dec;17(6):725-9.

2. Rubin JP, Hunstad JP, Polynice A, Gusenoff JA, et al. A multicenter randomized controlled trial comparing absorbable barbed sutures versus conventional absorbable sutures for dermal closure in open surgical procedures. *Aesthet Surg J*. 2014;34(2):272-283.

3. Gingras K, Zaruby J, Maul D. Comparison of V-Loc™ 180 wound closure device and Stratafix™* Spiral knotless tissue-closure device for intradermal closure in a porcine in vivo model: evaluation of biomechanical wound strength. *J Biomed Mater Res Part B Appl Biomater*. 2012;100(4):1053-1058.

4. Zaruby J, Gingras K, Taylor J, Maul D. An in vivo comparison of barbed suture devices and conventional monofilament sutures for cosmetic skin closure: biomechanical wound strength and histology. *Aesth Surg J*. 2011;31(2):232-240.

IMPORTANT: Please refer to the package insert for complete instructions, contraindications, warnings and precautions.

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