

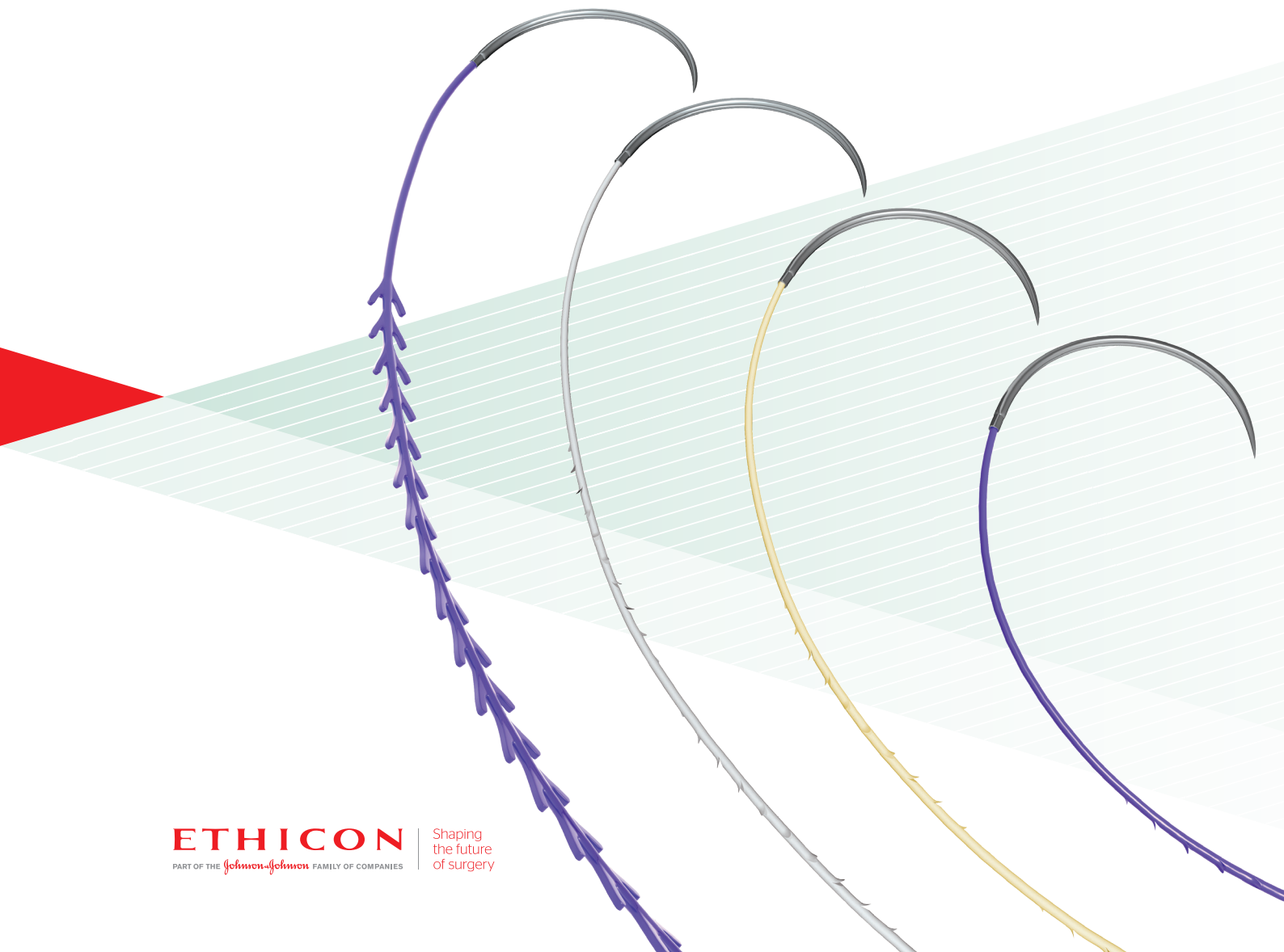
Stratafix™

**STRATAFIX™**

**Knotless Tissue Control Device**

Portfolio Product Catalogue

A versatile portfolio  
to meet your wound  
closure needs



**ETHICON**  
PART OF THE Johnson & Johnson FAMILY OF COMPANIES

Shaping  
the future  
of surgery

# STRATAFIX™ Knotless Tissue Control Devices

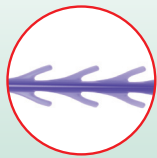
An unmatched portfolio to meet your wound closure needs

Multiple anchor designs and patterns provide more versatility and a unique combination of benefits<sup>1-10</sup>

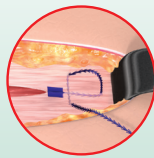
## STRATAFIX™ Symmetric PDS™ Plus Knotless Tissue Control Device

The **only** knotless tissue device that provides strong, secure closure appropriate for high-tension areas such as **fascia**<sup>6,8,11\*</sup>

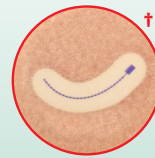
### Symmetric



Pressed **symmetrical anchors** maintain the core of the device<sup>11</sup>



**Superior tissue holding strength** compared to PDS™ loop continuous technique, VICRYL® interrupted technique, and V-LOC™ 180<sup>6</sup>

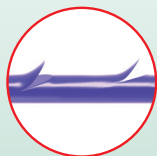


STRATAFIX Symmetric PDS Plus Device offers **Plus Antibacterial Technology**, shown to inhibit bacteria known to contribute to SSI<sup>12-14</sup>

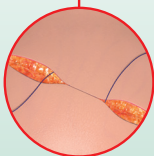
## STRATAFIX™ Spiral Knotless Tissue Control Device

A broad range of **bidirectional** and **unidirectional** devices, offers the **smooth glide** of a traditional suture<sup>1-5</sup>

### Spiral



Anchors formed within the core of the device in a **spiral pattern**<sup>15</sup>



**Bidirectional** design allows for management of tension from the middle



Unidirectional design, **with Plus Antibacterial Technology**, has adjustable loop on end<sup>16-17†</sup>

\* Refers to STRATAFIX Symmetric PDS Plus Device only.

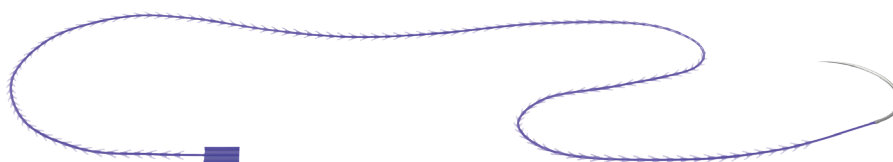
†The petri dish image is for illustrative purposes only, zone of inhibition testing results can vary.

# STRATAFIX™ Symmetric PDS™ Plus Knotless Tissue Control Device:

## Unidirectional

Delivers all the benefits of a knotless tissue control device, with greater wound closure strength than traditional running sutures of the same size and polymer.<sup>2,3,5,6,8-10</sup>







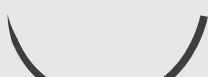
- **Only Ethicon** offers tissue control devices, with Plus Antibacterial Technology, that provide appropriate strength for closing high-tension areas, such as **fascia**<sup>6-11,16,17</sup>
- **Superior tissue holding strength** compared to looped PDS® Plus Antibacterial (polydioxanone) Suture continuous technique, Coated VICRYL® (polyglactin 910) Suture interrupted technique, and V-loc™ 180 Absorbable Wound Closure Device<sup>6</sup>
- Unidirectional design, **with Plus Antibacterial Technology** to address a known risk factor associated with SSIs<sup>11-14</sup>



STRATAFIX™ Symmetric PDS™ Plus Knotless Tissue Control Device - Dyed							
Needle		Length (in) (cm)		3-0	2-0	0	1
17 mm, 1/2 Circle, Taper Point, RB-1		6 12	15 30	SXPP1A411 SXPP1A427			
19 mm, 3/8 Circle, Reverse Cutting, PS-2		18	45	SXPP1A101			
22 mm, 1/2 Circle, Taper Point, SH-1		12	30		SXPP1A430		
24 mm, 3/8 Circle, Reverse Cutting, PS-1		18	45	SXPP1A100			
26 mm, 1/2 Circle, Taper Point, SH		6 9 12 18	15 23 30 45	SXPP1A413 SXPP1A428 SXPP1A410	SXPP1A414 SXPP1A421 SXPP1A431 SXPP1A409		
26 mm, 1/2 Circle, Taper Point, CT-2		6 9 18	15 23 45		SXPP1A415 SXPP1A422 SXPP1A408	SXPP1A446 SXPP1A407	SXPP1A419
26 mm, 5/8 Circle, Taper Point, UR-6		6 9	15 23		SXPP1A417	SXPP1A447	
26 mm, 1/2 Circle, Tapercut®, V7		9	23		SXPP1A424		
26 mm, 1/2 Circle, Reverse Cutting, CP-2		18	45	SXPP1A437			
36 mm, 1/2 Circle, Reverse Cutting, OS-6		18 24	45 60			SXPP1A200 SXPP1A202	SXPP1A201 SXPP1A203

# STRATAFIX™ Symmetric PDS™ Plus Knotless Tissue Control Device:

## Unidirectional (continued)

STRATAFIX™ Symmetric PDS™ Plus Knotless Tissue Control Device - Dyed							
Needle		Length		3-0	2-0	0	1
		(in)	(cm)				
36 mm, 1/2 Circle, Taper Point, CT-1		6	15	SXPP1A429 SXPP1A438	SXPP1A416	SXPP1A418	SXPP1A420
		9	23		SXPP1A423	SXPP1A425	
		12	30		SXPP1A432	SXPP1A433	SXPP1A435
		18	45		SXPP1A403	SXPP1A401	SXPP1A404
		24	60		SXPP1A439	SXPP1A440	SXPP1A443
36 mm, 1/2 Circle, Taper Point, Ethiguard® Safety Needle, CTB-1		18	45				SXPP1A301
		24	60			SXPP1A303	SXPP1A304
36 mm, 1/2 Circle, Tapercut®, V-34		9	23			SXPP1A426	
40 mm, 1/2 Circle, Taper Point, CT		12	30			SXPP1A412	
		18	45			SXPP1A406	SXPP1A405
		24	60			SXPP1A441	SXPP1A444
40 mm, 1/2 Circle, Reverse Cutting, OS-8		24	60			SXPP1A204	SXPP1A205
48 mm, 1/2 Circle, Taper Point, CTX		12	30			SXPP1A434	SXPP1A436
		18	45			SXPP1A402	SXPP1A400
		24	60			SXPP1A442	SXPP1A445
48 mm, 1/2 Circle, Taper Point, Ethiguard® Safety Needle, CTXB		18	45			SXPP1A302	SXPP1A300
		24	60			SXPP1A305	SXPP1A306

## Technique Videos



SCAN ME

STRATAFIX™  
Symmetric  
PDS™  
initiation  
technique

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STRATAFIX™  
Symmetric  
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termination  
technique



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## STRATAFIX™ Spiral Knotless Tissue Control Device:

### Unidirectional

Provides added consistency and efficiency for skin and subcutaneous tissue where tension has been relieved by deeper closure.<sup>1-5</sup>

- Closure begins at one end of an incision, for a familiar wound-closure technique<sup>16-17</sup>
- Adjustable fixation loop secures the device without the need for tying a knot<sup>16-17</sup>
- Suitable for organ closure when additional tension control is appropriate
- Offers Plus antibacterial technology to address a known risk factor associated with SSI<sup>12-14,16,17</sup>








**STRATAFIX™ Spiral MONOCRYL® Plus Knotless Tissue Control Device - Undyed**


Needle	Length (cm)	4-0	3-0	2-0	0	1
19 mm, 3/8 Circle Reverse Cutting, PS-2	15		SXMP1B105			
	30	SXMP1B117	SXMP1B106			
	45	SXMP1B118	SXMP1B107			
	60		SXMP1B108			
	70	SXMP1B119	SXMP1B109			
24 mm, 3/8 Circle Reverse Cutting, PS-1	30	SXMP1B114	SXMP1B101			
	45		SXMP1B102			
	60		SXMP1B103			
	70		SXMP1B104			
26 mm, 3/8 Circle Reverse Cutting, PS	30		SXMP1B110			
	45		SXMP1B111			
	70		SXMP1B113			
30 mm, 3/8 Circle Reverse Cutting, PSL	70			SXMP1B421		
26 mm, 1/2 Circle Reverse Cutting, CP-2	30			SXMP1B420		
36 mm, 1/2 Circle Reverse Cutting, CP-1	70			SXMP1B419		

## STRATAFIX™ Spiral Knotless Tissue Control Device:

### Unidirectional (continued)

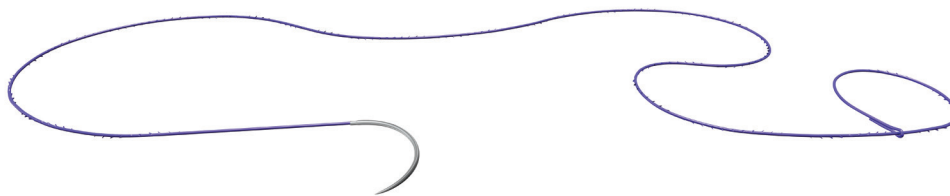
STRATAFIX™ Spiral MONOCRYL® Plus Knotless Tissue Control Device - Undyed							
Needle		Length (cm)	4-0	3-0	2-0	0	1
17 mm, 1/2 Circle Taper Point, RB-1		15	SXMP1B434	SXMP1B424			
		23	SXMP1B439	SXMP1B438			
		30	SXMP1B435	SXMP1B425			
26 mm, 1/2 Circle Taper Point, SH		15			SXMP1B408		
		23		SXMP1B427	SXMP1B409		
		30			SXMP1B410		
		70		SXMP1B428			
26 mm, 1/2 Circle Taper Point, CT-2		15			SXMP1B415		
		30			SXMP1B416		
		45			SXMP1B417		
36 mm, 1/2 Circle Taper Point, CT-1		45		SXMP1B429	SXMP1B413		
		70			SXMP1B414		
19 mm, Straight Taper Point, ST-4		30		SXMP1B433			














STRATAFIX™ Spiral Polypropylene Knotless Tissue Control Device - Undyed							
Needle		Length (cm)	4-0	3-0	2-0	0	1
22 mm, 1/2 Circle Taper Point, SH-1		30			SXPL1B400		

See IFU for additional information.








## STRATAFIX™ Spiral Knotless Tissue Control Device: Unidirectional (continued)



STRATAFIX™ Spiral PDS™ Plus Knotless Tissue Control Device - Dyed							
Needle		Length (cm)	4-0	3-0	2-0	0	1
19 mm, 3/8 Circle Reverse Cutting, PS-2		15		SXPP1B103			
		30		SXPP1B104			
		45	SXPP1B113	SXPP1B105			
		70	SXPP1B114				
24 mm, 3/8 Circle Reverse Cutting, PS-1		70		SXPP1B110			
16 mm, 1/2 Circle Reverse Cutting, PS-4		45	SXPP1B119				
22 mm, 1/2 Circle Reverse Cutting, X-1		70		SXPP1B120			
26 mm, 1/2 Circle Reverse Cutting, CP-2		45				SXPP1B202	SXPP1B403
36 mm, 1/2 Circle Reverse Cutting, OS-6		45					SXPP1B201
		70					SXPP1B203
40 mm, 1/2 Circle Reverse Cutting, OS-8		70					SXPP1B204
36 mm, 1/2 Circle TAPERCUT™, V-34		23			SXPP1B458	SXPP1B457	
17 mm, 1/2 Circle Taper Point, RB-1		15	SXPP1B427	SXPP1B422			
		30	SXPP1B428				
		70		SXPP1B423			
22 mm, 1/2 Circle Taper Point, SH-1		23	SXPP1B454	SXPP1B453			
26 mm, 1/2 Circle Taper Point, SH		15		SXPP1B420	SXPP1B415		
		23			SXPP1B433		
		30			SXPP1B416		
		70		SXPP1B421	SXPP1B417		

## STRATAFIX™ Spiral Knotless Tissue Control

### Unidirectional (continued)

STRATAFIX™ Spiral PDS™ Plus Knotless Tissue Control Device - Dyed							
Needle		Length (cm)	4-0	3-0	2-0	0	1
26 mm, 1/2 Circle Taper Point, CT-2		15			SXPP1B413		
		23			SXPP1B432		
		30				SXPP1B405	
31 mm, 1/2 Circle Taper Point, MO-5		70				SXPP1B451	
36 mm, 1/2 Circle Taper Point, CT-1		15			SXPP1B409	SXPP1B406	
		23			SXPP1B456	SXPP1B455	
		30			SXPP1B410	SXPP1B450	SXPP1B429
		45			SXPP1B411	SXPP1B407	SXPP1B430
		70			SXPP1B412	SXPP1B408	SXPP1B431
48 mm, 1/2 Circle Taper Point, CTX		70					SXPP1B401
		90					SXPP1B402
26 mm, 5/8 Circle Taper Point, UR-6		15			SXPP1B434		
		30			SXPP1B419		
19 mm, Straight Taper Point, ST-4		15		SXPP1B424			
19 mm, Circle Taper Point, EN-S		30				SXPP1B452	

## Technique Videos



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**STRATAFIX™**  
Spiral  
Unidirectional  
initiation  
technique

**STRATAFIX™**  
Spiral  
Unidirectional  
termination  
technique



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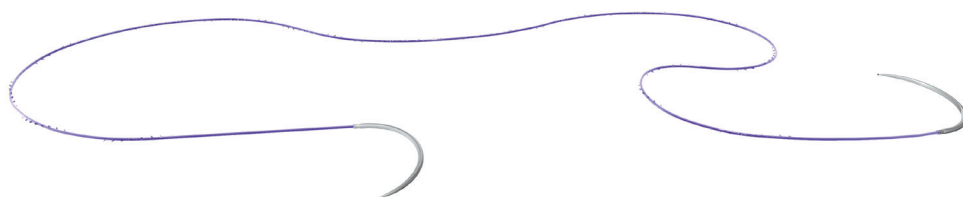
See IFU for additional information.



## STRATAFIX™ Spiral Knotless Tissue Control Device: Bidirectional

Allows for management of tension from the middle for control over tissue approximation in challenging conditions like non-linear incisions and larger open wounds.

- Secured with a backstitch or lateral stitch on both ends to finish
- 360-degree spiral anchor patterns<sup>15</sup>
- Bidirectional anchors start in the middle and move toward the needles on each end<sup>15</sup>







STRATAFIX™ Spiral PDO Knotless Tissue Control Device – Dyed							
Needle		Length (cm)	4-0	3-0	2-0	0	1
19 mm, 3/8 Circle Reverse Cutting, FS-2		7 x 7 14 x 14	SXPD2B422 SXPD2B423				
26 mm, 3/8 Circle Reverse Cutting, FS		14 x 14 24 x 24		SXPD2B417 SXPD2B419	SXPD2B418 SXPD2B420		
26 mm, 1/2 Circle Reverse Cutting, CP-2		24 x 24				SXPD2B415	SXPD2B416
36 mm, 1/2 Circle Reverse Cutting, OS-6		24 x 24 30 x 30					SXPD2B200 SXPD2B201
40 mm, 1/2 Circle Reverse Cutting, OS-8		36 x 36					SXPD2B202
17 mm, 3/8 Circle Tapercut, V-4		24 x 24	SXPD2B426				
26 mm, 3/8 Circle Tapercut, V-26		14 x 14 24 x 24	SXPD2B425 SXPD2B424				
22 mm, 1/2 Circle Taper Point, CT-3		14 x 14				SXPD2B404	
26 mm, 1/2 Circle Taper Point, SH		10 x 10 14 x 14			SXPD2B413 SXPD2B414		







See IFU for additional information.

## STRATAFIX™ Spiral Knotless Tissue Control Device: Bidirectional (continued)

### STRATAFIX™ Spiral PDO Knotless Tissue Control Device - Dyed

Needle		Length (cm)	4-0	3-0	2-0	0	1
36 mm, 1/2 Circle Taper Point, MH		7 x 7			SXPD2B406		
		14 x 14			SXPD2B407	SXPD2B409	
		24 x 24			SXPD2B408	SXPD2B410	
		30 x 30				SXPD2B411	
		36 x 36			SXPD2B412		
36 mm, 1/2 Circle Taper Point, CT-1		14 x 14					SXPD2B401
		24 x 24					SXPD2B402
		30 x 30					SXPD2B403
36 mm, 1/2 Circle Taper Point, MO-4		36 x 36					SXPD2B400
48 mm, 1/2 Circle Taper Point, CTX		36 x 36					SXPD2B405

### STRATAFIX™ Spiral PGA-PCL Knotless Tissue Control Device - Undyed



Needle		Length (cm)	4-0	3-0	2-0	0	1
19 mm, 3/8 Circle Reverse Cutting, FS-2		7 x 7	SXMD2B405	SXMD2B404			
		14 x 14	SXMD2B407	SXMD2B406			
		30 x 30	SXMD2B409	SXMD2B408			
24 mm, 3/8 Circle Reverse Cutting, FS-1		30 x 30	SXMD2B150†	SXMD2B410			
26 mm, 3/8 Circle Reverse Cutting, FS		14 x 14		SXMD2B411			
		30 x 30	SXMD2B413	SXMD2B412			
26 mm, 1/2 Circle Reverse Cutting, CP-2		14 x 14			SXMD2B414		
17 mm, 1/2 Circle Taper Point, RB-1		16 x 16	SXMD2B403	SXMD2B402			
36 mm, 1/2 Circle Taper Point, MH		14 x 14			SXMD2B400		
		36 x 36			SXMD2B401		

† Labeled as Ger PS-1.

See IFU for additional information.

# STRATAFIX™ Spiral Knotless Tissue Control Device: Bidirectional (continued)



STRATAFIX™ Spiral Polypropylene Knotless Tissue Control Device - Undyed						
Needle		Length (cm)	4-0	3-0	2-0	0
22 mm, 1/2 Circle Taper Point, CT-3		14 x 14				SXPL2B401
36 mm, 1/2 Circle Taper Point, CT-1		24 x 24				SXPL2B400

## Technique Video



**SCAN ME**

STRATAFIX™  
Spiral  
Bidirectional  
technique

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code with your smartphone  
camera

See IFU for additional information.

## A **versatile** knotless tissue control device portfolio

Tissue Type	Healing	STRATAFIX™ Symmetric PDS™ Plus	STRATAFIX™ Spiral MONOCRYL® Plus	STRATAFIX™ Spiral PDS™ Plus	STRATAFIX™ Spiral Polypropylene
Skin (subcuticular)	1-2 weeks		✓		
Fat (subcutaneous)	1-2 weeks	✓	✓	✓	
Fascia	3+ weeks	✓			
Deep Tissue	4-6 weeks	✓		✓	
Organ	Varies	✓*		✓*	✓*

**Delivering more security, more consistency, and more efficiency<sup>1-10†</sup>**

**More Security** – More strength and security compared to interrupted suturing, without knot-related complications<sup>2-10</sup>

**More Consistency** – More consistent tension control and approximation during closure<sup>12,5†</sup>

**More Efficiency** – More efficient than continuous or interrupted suturing<sup>1-5†</sup>

## Get more with STRATAFIX

**Only Ethicon offers tissue control devices, with Plus antibacterial technology, that provide appropriate strength for closing high-tension areas, such as fascia<sup>6-11,16,17‡</sup>**

**For more information, contact your Ethicon representative, or Customer Service on 1800 252 194**

\* See Warnings and Precautions sections of product package insert. † Compared to traditional sutures. ‡ Refers to STRATAFIX Symmetric PDS Plus Device only.

**References:** **1.** Moran ME, Marsh C, Perrotti M. Bidirectional-barbed sutured knotless running anastomosis v classic Van Velthoven suturing in a model system. *J Endourol*. 2007;21(10):1175-1178. **2.** Vakil JJ, O'Reilly MP, Sutter EG, Mears SC, Belkoff SM, Khanuja HS. Knee arthroscopy repair with a continuous barbed suture: a biomechanical study. *J Arthroplasty*. 2011;26(5):710-713. **3.** Eickmann T, Quane E. Total knee arthroplasty closure with barbed sutures. *J Knee Surg*. 2010;23(3):163-167. **4.** Einarsson JI, Chavan NR, Suzuki Y, Jonsdottir G, Vellinga TT, Greenberg JA. Use of bidirectional barbed suture in laparoscopic myomectomy: evaluation of perioperative outcomes, safety, and efficacy. *J Minim Invasive Gynecol*. 2011;18(1):92-95. **5.** Levine BR, Ting N, Della Valle CJ. Use of a barbed suture in the closure of hip and knee arthroplasty wounds. *Orthopedics*. 2011;34(9):e473-e475. doi:10.3928/01477447-20110714-35. **6.** Data on file, Ethicon, Inc.: 100326296: Time Zero Tissue Holding - Competitive Claims Comparisons for STRATAFIX Knotless Tissue Control Devices vs Various Products. 2015. **7.** Data on file, Ethicon, Inc. Ethicon study AST-2012-0331. Tissue gapping under tension of porcine cadaveric skin incisions closed with Stratafix Spiral in comparison to Monocryl in both interrupted and continuous stitching patterns. Approved on August 24, 2012. **8.** Data on File. Ethicon, Inc. Performance Testing of STRATAFIX SYMMETRIC PDS PLUS Size 0 & 1 Devices - Initiation Strength in Porcine Tissue. AST-2013-0603. **9.** Data on file, Ethicon, Inc. Ethicon Performance Evaluation Memo AST-2012-0510. Performance Testing of STRATAFIX Symmetric Size 2-0 suture device for Tissue Holding Strength with an Incision Defect to Measure Gapping. Dated December 3, 2012. **10.** Data on file, Ethicon, Inc. AST-2013-0056 Performance Testing of STRATAFIX Symmetric PDS Size 2-0 suture device for Tissue Holding Strength with Multiple Incision Defects to Measure Gapping. **11.** STRATAFIX™ Symmetric PDS™ Plus Knotless Tissue Control Device Instructions for Use. Ethicon, Inc. **12.** Ming X, Rothenburger S, Yang D. In vitro antibacterial efficacy of Monocryl Plus Antibacterial Suture (poliglecaprone 25 with triclosan). *Surg Infect (Larchmt)*. 2007;8(2):201-207. **13.** Ming X, Rothenburger S, Nichols MM. In vivo and in vitro antibacterial efficacy of PDS Plus (polydioxanone with triclosan) suture. *Surg Infect (Larchmt)*. 2008;9(4):451-457. **14.** Rothenburger S, Spangler D, Bhende S, Burkley D. In vitro antimicrobial evaluation of coated Vicryl Plus Antibacterial Suture (coated polyglactin 910 with triclosan) using zone of inhibition assays. *Surg Infect (Larchmt)*. 2002;3 (suppl):S79-S87. **15.** Data on file, Ethicon, Inc. STRATAFIX Spiral Unidirectional CAD Drawings. **16.** STRATAFIX™ Spiral MONOCRYL™ Plus Knotless Tissue Control Device Instructions for Use. Ethicon, Inc. **17.** STRATAFIX™ Spiral PDS™ Plus Knotless Tissue Control Device Instructions for Use. Ethicon, Inc.