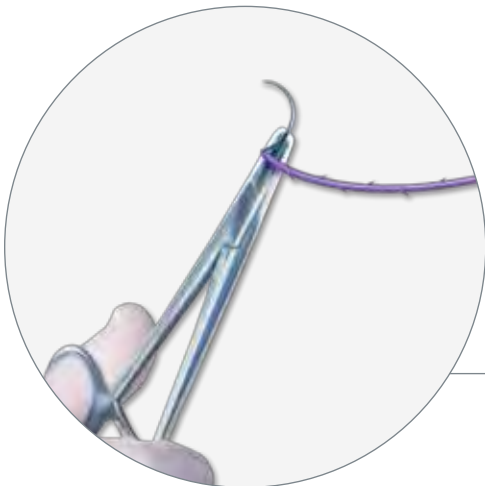




EXPERIENCE THE EXTRAORDINARY

# TRUSTED SPEED AND SECURITY



## **Quill™ Knotless Tissue-Closure Device** **Product Catalog**

- The Original Barbed Suture, Launched In 2007
- Used In More Than 20 Million Surgical Cases
- Studied In More Than 80 Clinical Papers

SURGICAL  
SPECIALTIES  
CORPORATION™

# Offering A Comprehensive & Versatile Knotless Tissue-Closure Device Portfolio

- Surgical Specialties Corporation manufactures both bidirectional and unidirectional knotless tissue-closure devices
- Complete range of absorbable and nonabsorbable materials and configurations including Monoderm™, PDO, Nylon and Polypropylene
- More than 162 SKUs available in sizes 5-0 to 2







Quill™ Knotless Tissue-Closure Device  
Bidirectional Design



Quill™ Variable Loop Device  
Unidirectional Design

## Materials Guide

Material	Material Description	BSR Profile	Mass Absorption
<b>Absorbable</b>			
<b>Monoderm™</b> (PGA - PCL) 	<b>Monofilament</b> • Undyed (clear) • Dyed (violet)	<b>In vivo strength retention:</b> 42% to 76% at 7 days 36% to 52% at 14 days	Essentially complete between 90 and 120 days
<b>PDO</b> (polydioxanone) 	<b>Monofilament</b> • Dyed (violet)	<b>In vivo strength retention:</b> <b>Quill™ device size:</b> Gauge 3-0 & larger    Gauge 4-0 80% at 2 weeks            67% at 2 weeks 80% at 4 weeks            50% at 4 weeks 40% at 6 weeks            37% at 6 weeks	Minimal until approximately 120 days  Essentially complete by 180 days
<b>Non-Absorbable</b>			
<b>Nylon</b> 	<b>Monofilament</b> • Dyed (blue)		While nylon suture is not absorbed, progressive hydrolysis of the nylon in vivo may result in gradual loss of its tensile strength over time
<b>Polypropylene</b> 	<b>Monofilament</b> • Undyed (clear)		Polypropylene is not absorbed, nor is any significant change in tensile strength retention known to occur in vivo







See Instructions For Use supplied with the Quill™ device (also available on-line at [QuillDevice.com](http://QuillDevice.com)) for indications, contraindications, warnings, and potential complications.

# Monoderm™ (PGA-PCL) Configurations






**ABSORBABLE**

## Monoderm™ – Reverse Cutting ▽

Needle	Color	Barb Configuration	Size*				
			5-0	4-0	3-0	2-0	0
 11 mm 3/8 circle	Clear	14 cm x 14 cm	YA-2002Q	YA-2004Q			
 12 mm 3/8 circle	Clear	14 cm x 14 cm			YA-1020Q		
 13mm 3/8 circle	Clear	14 cm x 14 cm	YA-2003Q	YA-2005Q			
 18 mm 3/8 circle	Clear	3.5 cm x 3.5 cm			YA-1019Q	YA-1018Q	
		7 cm x 7 cm			YA-1001Q-0	YA-1000Q	
		14 cm x 14 cm			YA-1016Q-0	YA-1012Q	YA-1004Q
		30 cm x 30 cm			YA-1021Q-0	YA-1022Q-0	
 26 mm 3/8 circle	Clear	7 cm x 7 cm				YA-1011Q	YA-1010Q
		14 cm x 14 cm				YA-1015Q-0	
		30 cm x 30 cm			YA-1023Q-0	YA-1024Q-0	
 26 mm 1/2 circle	Clear	14 cm x 14 cm					YA-1014Q

## Monoderm™ – Precision Reverse Cutting ▽

 19 mm 3/8 circle	Clear	14 cm x 14 cm			YA-2016Q		
		30 cm x 30 cm			YA-2021Q	YA-2022Q	
		40 cm x 40 cm			YA-2031Q	YA-2032Q	
 24 mm 3/8 circle	Clear	30 cm x 30 cm			YA-2023Q	YA-2024Q	
		40 cm x 40 cm			YA-2033Q	YA-2034Q	
 36 mm 1/2 circle	Clear	36 cm x 36 cm					YA-2036Q
		45 cm x 45 cm					YA-2035Q




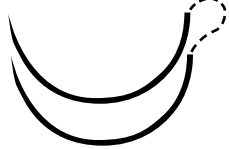
\* As with traditional sutures, the Quill™ device suture size is determined by its OUTER diameter. It is therefore recommended that when using the Quill™ device, you upsize by one USP compared with traditional suture. For example if previously using a 3-0 traditional suture, we recommend using a 2-0 Quill™ device.

## Monoderm™ (PGA-PCL) Configurations (cont'd)




**ABSORBABLE**

### Monoderm™ – Taper Point

Needle	Color	Barb Configuration	Size*				
			3-0	2-0	0	1	2
 17 mm 1/2 circle	Clear	16 cm x 16 cm		VP-1000Q			
	Violet	16 cm x 16 cm		VP-2000Q			
 18 mm 1/2 circle	Clear	16 cm x 16 cm	RS-1001Q	RS-1000Q			
 26 mm 1/2 circle	Clear	16 cm x 16 cm		RS-1005Q			
 36 mm 1/2 circle	Clear	14 cm x 14 cm			YA-1003Q		
		36 cm x 36 cm			YA-1029Q		

### Monoderm™ – Straight Cutting






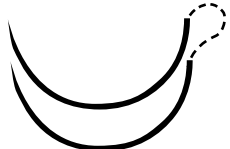

 70 mm straight	Clear	30 cm x 30 cm		YA-1050Q	YA-1051Q		
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\* As with traditional sutures, the Quill™ device suture size is determined by its OUTER diameter. It is therefore recommended that when using the Quill™ device, you upsize by one USP compared with traditional suture. For example if previously using a 3-0 traditional suture, we recommend using a 2-0 Quill™ device.

# PDO (Polydioxanone) Configurations

**ABSORBABLE**

## PDO – Reverse Cutting ▽


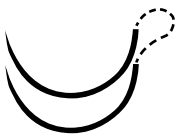
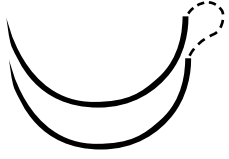
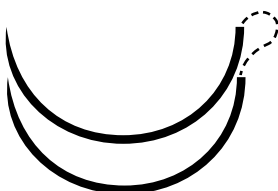
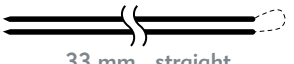
Needle	Color	Barb Configuration	Size*					
			4-0	3-0	2-0	0	1	2
 12 mm 3/8 circle	Violet	7 cm x 7 cm		RA-1017Q				
 18 mm 3/8 circle	Violet	3.5 cm x 3.5 cm		RA-1008Q	RA-1002Q			
		7 cm x 7 cm	RA-1012Q-0	RA-1010Q	RA-1007Q			
		14 cm x 14 cm		RA-1050Q-0	RA-1046Q			
		24 cm x 24 cm		RA-1051Q-0	RA-1036Q-0			
 26 mm 3/8 circle	Violet	7 cm x 7 cm			RA-1016Q	RA-1015Q		
		14 cm x 14 cm		RA-1021Q	RA-1020Q-0	RA-1019Q-0		
		24 cm x 24 cm		RA-1052Q-0	RA-1028Q-0	RA-1030Q-0		
 18 mm 1/2 circle	Violet	14 cm x 14 cm				RA-1001Q		
 26 mm 1/2 circle	Violet	14 cm x 14 cm					RA-1004Q	RA-1006Q
		24 cm x 24 cm		RA-1056Q-0			RA-1032Q	RA-1034Q
 36 mm 1/2 circle	Violet	36 cm x 36 cm				RX-2069Q		
		45 cm x 45 cm				RX-2068Q		
 40 mm 1/2 circle	Violet	36 cm x 36 cm						RX-1066Q
		45 cm x 45 cm						

\* As with traditional sutures, the Quill™ device suture size is determined by its OUTER diameter. It is therefore recommended that when using the Quill™ device, you upsize by one USP compared with traditional suture. For example if previously using a 3-0 traditional suture, we recommend using a 2-0 Quill™ device.


**PDO (Polydioxanone) Configurations (cont'd)**

**ABSORBABLE**

**PDO – Taper Point** 

Needle	Color	Barb Configuration	Size*					
			4-0	3-0	2-0	0	1	2
 22 mm 1/2 circle	Violet	14 cm x 14 cm			RA-1086Q		RA-1088Q	
 26 mm 1/2 circle	Violet	10 cm x 10 cm			RA-1077Q	RA-1078Q		
		14 cm x 14 cm				RA-1079Q		
		40 cm x 40 cm			RA-1057Q			
 36 mm 1/2 circle	Violet	7 cm x 7 cm				RX-1068Q**		
		14 cm x 14 cm				RA-1000Q RX-1069Q**	RA-1003Q	RA-1005Q
		24 cm x 24 cm				RA-1029Q RX-1029Q**	RA-1031Q RX-1031Q**	RA-1033Q RX-1033Q**
		30 cm x 30 cm					RA-1059Q RX-1059Q**	RA-1058Q RX-1058Q**
		36 cm x 36 cm				RA-1067Q**		RX-1062Q**
		45 cm x 45 cm				RA-2067Q**		
 48 mm 1/2 circle	Violet	30 cm x 30 cm				RA-1060Q		
		36 cm x 36 cm						RA-1065Q
		45 cm x 45 cm						RA-2065Q
 33 mm straight	Violet	10 cm x 10 cm				RA-1085Q		

**PDO – Taper Cutting** 

 50 mm straight	Violet	7 cm x 7 cm			RA-1013Q	RA-1023Q	RA-1024Q	
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\* As with traditional sutures, the Quill™ device suture size is determined by its OUTER diameter. It is therefore recommended that when using the Quill™ device, you upsize by one USP compared with traditional suture. For example if previously using a 3-0 traditional suture, we recommend using a 2-0 Quill™ device.

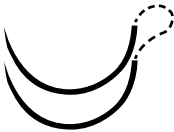
\*\* Reinforced Needle

## Nylon Configurations



**NON-ABSORBABLE**

### Nylon – Reverse Cutting ▽

Needle	Color	Barb Configuration	Size*			
			2-0	0	1	2
 26 mm 1/2 circle	Blue	14 cm x 14 cm			AA-1003Q	AA-1005Q

## Polypropylene Configurations

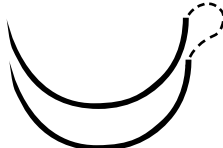


**NON-ABSORBABLE**

### Polypropylene – Reverse Cutting ▽

 18 mm 3/8 circle	Clear	7 cm x 7 cm	JA-1006Q			
 26 mm 1/2 circle	Clear	14 cm x 14 cm			JA-1005Q	JA-1001Q

### Polypropylene – Taper Point ⊙

 22 mm 1/2 circle	Clear	14 cm x 14 cm			JA-1050Q	
 36 mm 1/2 circle	Clear	24 cm x 24 cm				JA-1007Q
		45 cm x 45 cm				JA-2007Q



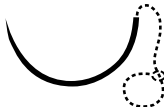


\* As with traditional sutures, the Quill™ device suture size is determined by its OUTER diameter. It is therefore recommended that when using the Quill™ device, you upsize by one USP compared with traditional suture. For example if previously using a 3-0 traditional suture, we recommend using a 2-0 Quill™ device.

# Unidirectional Variable Loop Configurations

## Monoderm™ (PGA-PCL) Variable Loop Configurations

**ABSORBABLE**

### Monoderm™ Variable Loop – Taper Point

Needle	Color	Barb Configuration	Size*				
			4-0	3-0	2-0	0	1
 17 mm 1/2 circle	Clear	20 cm			VLM-1005		
	Violet	30 cm			VLM-1021		
		20 cm			VLM-2005		
 18 mm 1/2 circle	Violet	20 cm		VLM-1008			
		30 cm		VLM-1009			
 26 mm 1/2 circle	Clear	20 cm			VLM-1006		
	Violet	20 cm			VLM-2006	VLM-1222	
	Clear	30 cm				VLM-1013	
		45 cm				VLM-1020	
 36 mm 1/2 circle	Clear	20 cm				VLM-1024***	
	Violet	20 cm				VLM-1025***	
	Clear	30 cm				VLM-1014	
	Violet	30 cm				VLM-1015	
	Clear	60 cm				VLM-1003	
 40 mm 1/2 circle	Violet	70 cm				VLM-1017	

\* As with traditional sutures, the Quill™ device suture size is determined by its OUTER diameter. It is therefore recommended that when using the Quill™ device, you upsize by one USP compared with traditional suture. For example if previously using a 3-0 traditional suture, we recommend using a 2-0 Quill™ device.

\*\*\* Reinforced Flat Edge Needle

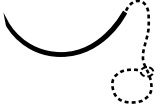




## Unidirectional Variable Loop Configurations (cont'd)


### Monoderm™ (PGA-PCL) Variable Loop Configurations

**ABSORBABLE**

#### Monoderm™ Variable Loop – Reverse Cutting ▾

Needle	Color	Barb Configuration	Size*			
			4-0	3-0	2-0	0
 19 mm 3/8 circle	Clear	20 cm	VLM-2007	VLM-1010	VLM-1004	
		30 cm	VLM-2008	VLM-2003	VLM-2001	
		60 cm		VLM-2004	VLM-2002	
 24 mm 3/8 circle	Clear	20 cm		VLM-1011		
		30 cm		VLM-1012	VLM-1002	
		45 cm			VLM-2012	
		60 cm			VLM-1001	
 40 mm 1/2 circle	Clear	70 cm				VLM-1016

#### Monoderm™ Variable Loop – Precision Reverse Cutting ▾

Needle	Color	Barb Configuration	Size*			
			4-0	3-0	2-0	0
 26 mm 3/8 circle	Clear	20 cm				VLM-1022
	Violet	20 cm				VLM-1023



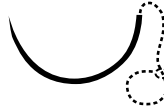



\* As with traditional sutures, the Quill™ device suture size is determined by its OUTER diameter. It is therefore recommended that when using the Quill™ device, you upsize by one USP compared with traditional suture. For example if previously using a 3-0 traditional suture, we recommend using a 2-0 Quill™ device.

# Unidirectional Variable Loop Configurations

## Variable Loop PDO (Polydioxanone) Configurations

**ABSORBABLE**

### Variable Loop PDO – Taper Point

Needle	Color	Barb Configuration	Size*				
			3-0	2-0	0	1	2
 17 mm 1/2 circle	Violet	15cm		VLP-2022			
		20 cm		VLP-2020			
 22 mm 1/2 circle	Violet	20 cm			VLP-1008		
		30 cm		VLP-2002	VLP-1003		
 26 mm 1/2 circle	Violet	15cm		VLP-2021			
		20 cm		VLP-2006	VLP-2008		
		30 cm			VLP-2009		
 36 mm 1/2 circle	Violet	20 cm			VLP-1001		VLP-2016
		30 cm			VLP-1002	VLP-2015	
		45 cm			VLP-1004	VLP-2014	
		70 cm			VLP-2012		
 40 mm 1/2 circle	Violet	70 cm				VLP-2013	
 48 mm 1/2 circle	Violet	70 cm					VLP-2010

\* As with traditional sutures, the Quill™ device suture size is determined by its OUTER diameter. It is therefore recommended that when using the Quill™ device, you upsize by one USP compared with traditional suture. For example if previously using a 3-0 traditional suture, we recommend using a 2-0 Quill™ device.





## Unidirectional Variable Loop Configurations (cont'd)

### Variable Loop PDO (Polydioxanone) Configurations



**ABSORBABLE**

### Variable Loop PDO – Reverse Cutting ▽



Needle	Color	Barb Configuration	Size*				
			3-0	2-0	0	1	2
 19 mm 3/8 circle	Violet	45 cm		VLP-2001			
 26 mm 3/8 circle	Violet	20 cm			VLP-1007		
		30 cm			VLP-2005		
 36 mm 1/2 circle	Violet	20 cm			VLP-1005		
		30 cm			VLP-1006		
 40 mm 1/2 circle	Violet	70 cm					VLP-2011

### Variable Loop Polypropylene Configurations



**NON-ABSORBABLE**

### Variable Loop Polypropylene – Taper Point ⊙

Needle	Color	Barb Configuration	Size*				
			3-0	2-0	0	1	2
 22 mm 1/2 circle	Clear	30 cm			VLO-1001		
 36 mm 1/2 circle	Clear	45cm				VLO-1002	
		45cm					VLO-1003

\* As with traditional sutures, the Quill™ device suture size is determined by its OUTER diameter. It is therefore recommended that when using the Quill™ device, you upsize by one USP compared with traditional suture. For example if previously using a 3-0 traditional suture, we recommend using a 2-0 Quill™ device.



For More Information, Visit [QuillDevice.com](http://QuillDevice.com)

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