



OPHTHALMIC SUTURE CATALOG

EMPOWERING EXCELLENCE



A rich history empowering a bright future.

Our story began in 1969 when brothers William and Rolf Schmidt co-founded Sharpoint, Inc. From their garage workshop they developed the technology that would set the standard for producing ultra fine, premium ophthalmic surgical products for the next 50 years. In 1986, a significant portion of the business was acquired and folded into the Alcon Laboratories portfolio. Five years later, the remaining part of the business was renamed Surgical Specialties. By the mid 1990's the Schmidts were once again advancing technology, serving as directors of Unique Technology, producing flat-stock surgical blades as an OEM supplier to Alcon and other leading private label brands. They also founded VPM Surgical to further advance blade-making technologies and supply wire-stock OEM blades. In 2018, things came full circle, as Unique Technologies and VPM Surgical were acquired by Surgical Specialties, owner and manufacturer of the Sharpoint brand that the Schmidts established in 1969. Today, Surgical Specialties continues the legacy of excellence in ophthalmics that began 50 years earlier.

Surgical Specialties is proud to offer a broad range of proven solutions designed and manufactured to help surgeons be at their best at every step in every procedure.



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Suture Introduction



High-quality, consistently sharp needles

- Extra sharp cutting edges extending from the point to its widest portion reduce tissue drag
- Precise, smooth penetration through tissue minimizes trauma
- Needle channel is fitted to the specific size of the suture material

How To Use Our Catalog

The pages in the suture sections of this catalog will show the following information for each product code. Some of our ophthalmic products feature an expanded chart with detailed measurements (not shown in this sample) to ensure proper needle selection.

Needle Description - Contains an illustration of the needle. The Sharpoint™ needle code is blue, the comparable Ethicon™ needle code is black, and the comparable Syneture™ needle code is dark green. This section also lists the needle length and shape.

Needle Geometry - Type of needle with tip geometry **Material** - Color and style of suture

Length - Length in inches/centimeters

Side Cutting Lancet

		Material	Length	10-0	9-0	8-0
DSL7	3/8 Circle Length 6.60mm Curvature 131	Radius 2.79mm Chord 5.26mm Wire .20mm	Black Monofilament	12"/30cm	A7718N 7718G	A7717N 7717G

Size Grid - Indicates the U.S.P. size for each product code listed

Product numbers are color coded respectively as Sharpoint™ (dark blue), Ethicon™ (black), and Syneture™ (green).
B or N denotes a box of 12; D denotes a box of 36.

Quantity - The last character in the Sharpoint™ product code denotes the quantity per box

- Sharpoint™** product code
- Ethicon™** comparable product code
- Syneture™** comparable product code

How To Read Our Suture Box Labels

Each Sharpoint™ suture box comes with a color-coded label that provides important details about the sutures contained inside.

Color Bar - Points to the green header area of the label.

Material - Points to the text "NYLON".

Suture Length - Points to the text "12"/30cm".

Suture Size - Points to the text "10-0 USP".

Lot Number - Points to the text "LOT LOTCODE".

Expiration Date - Points to the text "YYYY-MM-DD".

Product Item No. - Points to the text "A9000N".

Quantity - Points to the text "12".

Needle Type / Shape - Points to the text "2xHLL5 ULTRAGLIDE™ SPATULA".

Certified for distribution in Europe - Points to the CE mark and "0120".

UltraGlide™ Needles



Sharpoint™	Ethicon™	Syneture™	
Bicurve			
BLL5	CSB-6	.	4.88mm
3/8 Circle			
DLL6	CS140-6	SE-140-6	6.15mm
1/2 Circle			
HLL5	CS160-6	SE-160-6	5.51mm
HLL7	CS175-6	.	6.99mm



Side Cutting Lancet Needles



Sharpoint™	Ethicon™	Syneture™	
Bicurve			
BSL5	TG6-C	.	5.51mm
1/8 Circle			
SSL5	.	.	5.51mm
SSL15	.	.	14.99mm
1/4 Circle			
VSL7	TG100-8	SE100-8	6.6mm
VSP8	S-29, S-24	SD-1, SS-24	8mm
VCL8	S-14	SS-14	8.51mm
3/8 Circle			
DVL04	TG140-04	SE140-04	4mm
DSL6	TG140-6	SE140-6	6.15mm
DSL7	TG140-8	SE140-8	6.6mm
1/2 Circle			
HSL5	TG160-6	SE160-6	5.51mm
HSL7	.	.	7mm

Precision Reverse Cutting Needles



Sharpoint™	Ethicon™	Syneture™	
3/8 Circle			
DSM7	G-6	HE-6	7mm

Precision Conventional Cutting Needles



Sharpoint™	Ethicon™	Syneture™	
3/8 Circle			
DSCM13	PC-1	P-13	13mm
DSCM16	PC-3	P-11	16mm

Center Point Spatula Needles



Sharpoint™	Ethicon™	Syneture™	
1/4 Circle			
D05	RD-1	SS-24	8mm

Vas Cutting Needles



Sharpoint™	Ethicon™	Syneture™	
3/8 Circle			
DVL04	.	.	4mm

M.E.T.™ Point Needles



Sharpoint™	Ethicon™	Syneture™	
3/8 Circle			
DRTM4	.	.	4mm
DRTM5	.	.	5mm
DRTM6	.	.	6mm

Needle Anatomy and Terminology

Needle Terminology

Length: Distance measured along the circumference of the needle, from the point to the swage. It is depicted on the packaging.

Shape: Different surgeries or surgical techniques demand different needle shapes.

Point: The sharpened part of the needle that first penetrates the tissue. The point consists of the area from the sharpened tip of the needle to the widest cross section of the needle body. The point determines ease of penetration and the initial size and shape of the hole.

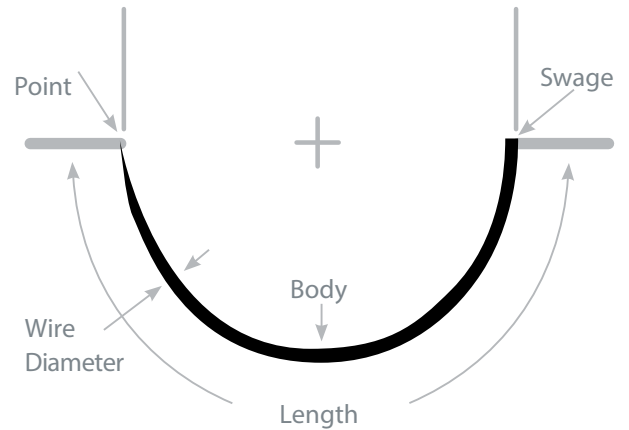
Swage: Connection point of the suture and the needle. Micro teeth grip the suture material and prevent it from slipping out.

Wire Diameter: Gauge or thickness of the wire originally used to form the needle body.

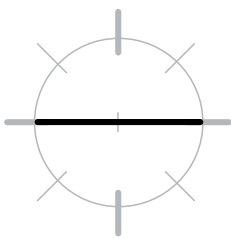
Body: The part between the point and the swage of the needle.

Included Angle (Curvature): The fraction of the circle included in the curve of the needle. This is depicted on the packaging.

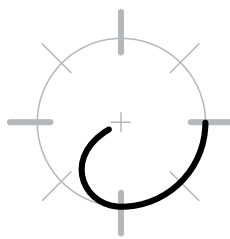
Needle Anatomy



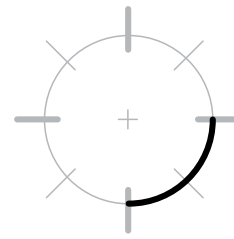
Needle Shapes and General Uses



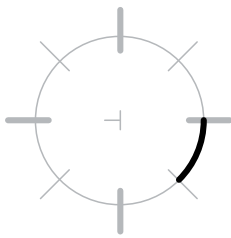
Straight: Skin Closure



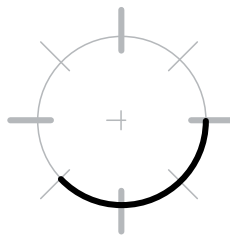
Bi-curve: Vasectomy Reversal, Ophthalmic



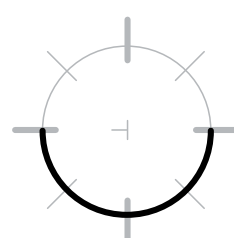
1/4 Circle: Ophthalmic



1/8 Circle: Ophthalmic






3/8 Circle: Skin Closure, Ophthalmic






1/2 Circle: Skin Closure, GI, Cardiovascular, Ophthalmic



















Absorbable

Material	Material Description	BSR Profile	Mass Absorption
POLYSYN™ (polyglycolic acid)  <p>Comparable to: VICRYL™</p>	Braided <ul style="list-style-type: none"> • Dyed (violet) Monofilament (9-0 & 10-0 only) <ul style="list-style-type: none"> • Dyed (violet) • Coated & Uncoated Common uses: Glaucoma Filtering Surgery, Blephroplasty	In vivo strength retention: 50% at 14 days 20% at 21 days	Essentially complete between 50 and 90 days
EXPRESS GUT  <p>Comparable to: Fast Absorbing Gut Suture</p>	Twisted <ul style="list-style-type: none"> • Natural • Packaged in Wetting Solution Common uses: Skin Closure	In vivo strength retention: 40% at 5 days 0% at 10 days	Essentially complete by 30 days
PLAIN GUT  <p>Comparable to: Fast Absorbing Gut Suture</p>	Twisted <ul style="list-style-type: none"> • Plain & Chromic • Packaged in Wetting Solution Common uses: Skin Closure	In vivo strength retention: Varies	Essentially complete by 30 days

Non-Absorbable

Material	Material Description	Qualities
SILK  <p>Comparable to: PERMA-HAND™ Silk</p>	Braided <ul style="list-style-type: none"> • Dyed (black) • Coated Common uses: General & Skin Closure, Plastic Surgery, Ophthalmology	<ul style="list-style-type: none"> • Excellent handling and tying characteristics
NYLON™  <p>Comparable to: ETHILON™</p>	Monofilament <ul style="list-style-type: none"> • Dyed (black) Common uses: Vitrectomy, Corneal Transplant, Ophthalmology	<ul style="list-style-type: none"> • Passes easily through tissue
POLYPROPYLENE  <p>Comparable to: PROLENE™</p>	Monofilament <ul style="list-style-type: none"> • Dyed (blue) Common uses: Ophthalmology, IOL fixation	<ul style="list-style-type: none"> • Inert • Easy to handle • Passes easily through tissue




PolySyn™/Polyglycolic Acid

Side Cutting Lancet 				Size				
				9-0	8-0	7-0	6-0	5-0
		Material	Length					
VCL8  1/4 Circle Length 8.51mm Curvature 109 Radius 4.32mm Chord 7.28mm Wire .34mm		Violet Braided	18"/45cm				G570N J570G 	
DSL7  3/8 Circle Length 6.6mm Curvature 131 Radius 2.79mm Chord 5.26mm Wire .2mm		Violet Braided	18"/45cm			GA-546N J546G 		
			8"/20cm		GA-547N J547G 			
			12"/30cm		GA-548N J548G 			
					GA-566N J566G 			
DSL6  3/8 Circle Length 6.15mm Curvature 135 Radius 2.54mm Chord 4.83mm Wire .15mm		Violet Braided	12"/30cm		GA-974N J974G 			
DVL04  3/8 Circle Length 4mm Curvature 145 Radius 1.68mm Chord 3.25mm Wire .10mm		Violet Monofilament	5"/13cm	GA-8760N D8760 				
VSP8  1/4 Circle Length 8.51mm Curvature 109 Radius 4.32mm Chord 7.28mm Wire .35mm		Violet Braided	12"/30cm				G553N J553G 	
			18"/45cm			G544N  		
			18"/45cm			G555N J555G 		
			12"/30cm			G556N J544G 		


Product numbers are color coded respectively as SharpPoint™ (dark blue), Ethicon™ (black), and Syneture™ (green).
 N denotes a box of 12

PolySyn™/Polyglycolic Acid

M.E.T.™ Point

			Size			
			9-0	8-0	7-0	
			Material	Length		
DRTM4 	3/8 Circle Length 4mm Limited Supply	70 Microns Curvature 135	Violet Monofilament	5"/13cm	GA-402N V402G ●	
DRTM5 	3/8 Circle Length 5mm	100 Microns Curvature 135 Wire .15mm	Violet Braided	5"/13cm		GA-405N V405G ●
DRTM6 	3/8 Circle Length 6mm	140 Microns Curvature 135	Violet Braided	5"/13cm		GA-401N V401G ●

UltraGlide™

			Size			
			10-0	9-0	8-0	
			Material	Length		
HLL5 	1/2 Circle Length 5.5mm Curvature 160	Radius 2.03mm Chord 4.06mm Wire .15mm	Violet Monofilament	12"/30cm	GA-448N V448G ●	


Express Gut

Precision Conventional Cutting

			Size			
			6-0	5-0	4-0	
			Material	Length		
PC-1 	3/8 Circle Length 13mm		Express Gut	18"/45cm	B7916N	B7915N

Plain Gut


Precision Reverse Cutting

			Size			
			6-0	5-0	4-0	
			Material	Length		
G-1 	3/8 Circle Length 1mm		Plain Gut	18"/45cm	B7770N	


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Nylon

Center Point Spatula






			Size		
	Material	Length	6-0	5-0	4-0
DO5  1/4 Circle Length 8.00mm Curvature 90 Limited Supply Radius 5.10mm Chord 6.00mm Wire .33mm RD-1 SS-24	Black Monofilament	18"/45cm		A749N 749G N2781	

Side Cutting Lancet

			Size		
	Material	Length	10-0	9-0	8-0
BSL5  Bicurve Length 5.51mm Curvature 90/50 TG6-C Radius 1.52/2.79mm Chord 3.71mm Wire .15mm	Black Monofilament	6"/15cm	A2687N 7799G ●		
		12"/30cm	A2522N ● ●		
BSL5  Bicurve Length 5.51mm Curvature 90/50 TG6-C Radius 1.52/2.79mm Chord 3.71mm Wire .15mm	Black Monofilament	8"/20cm	A2524N ● ●		
		12"/30cm	A2525N 7799G ●		
BGL5  Bicurve Length 4.88mm Curvature 90/50 CSB-6 Radius 1.52/2.79mm Chord 3.71mm Wire 1.5mm	Black Monofilament	12"/30cm	A2675N ● ●		
DSL6  3/8 Circle Length 6.15mm Curvature 135 TG140-6 Radius 2.54mm Chord 4.83mm Wire .15mm	Black Monofilament	6"/15cm	A2683N ● ●		
		12"/30cm	A2533N ● ●		
DSL6  3/8 Circle Length 6.15mm Curvature 135 TG140-6 Radius 2.54mm Chord 4.83mm Wire .15mm	Black Monofilament	12"/30cm	A7770N 7770G ●		

Product numbers are color coded respectively as SharpPoint™ (dark blue), Ethicon™ (black), and Syneture™ (green).
 N denotes a box of 12

Side Cutting Lancet

			Size				
			Material	Length	10-0	9-0	8-0
DSL7  TG140-8	3/8 Circle Length 6.60mm Curvature 131	Radius 2.79mm Chord 5.26mm Wire .20mm	Black Monofilament	12"/30cm	A2532N ● ●		
DSL7  TG140-8	3/8 Circle Length 6.60mm Curvature 131	Radius 2.79mm Chord 5.26mm Wire .20mm	Black Monofilament	12"/30cm	A7718N 7718G ●	A7717N 7717G ●	
HSL5  TG160-6	1/2 Circle Length 5.51mm Curvature 150	Radius 2.03mm Chord 4.07mm Wire .15mm	Black Monofilament	6"/15cm	A2534N ● ●	A2681N ● ●	
				12"/30cm	A2510N ● ●		
HSL5  TG140-6	1/2 Circle Length 5.51mm Curvature 150	Radius 2.03mm Chord 4.07mm Wire .15mm	Black Monofilament	6"/15cm	A7757N 7757G ●		
				12"/30cm	A7756N 7756G N2756K	A7760N 7760G ●	
HSL7  TG140-6	1/2 Circle Length 7.04mm Curvature 175	Radius 2.29mm Chord 4.71mm Wire .15mm	Black Monofilament	12"/30cm	A2519N ● ●		

Vas Cutting

			Size				
			Material	Length	10-0	9-0	8-0
VVL4	Length 5.0mm Curvature	1/4 Circle Chord 3.63mm Wire .1mm	Black Monofilament	5"/13cm		A0819N ● ●	




Nylon

UltraGlide™ 

				Size		
		Material	Length	11-0	10-0	9-0
DLL6  CS140-6 SE-140-6	3/8 Circle Length 6.15mm Curvature 135	Radius 2.54mm Chord 4.82mm Wire .15mm	Black Monofilament	4"/10cm		A9060N 9060G ●
DLL6  CS140-6 SE-140-6	3/8 Circle Length 6.15mm Curvature 135	Radius 2.54mm Chord 4.82mm Wire .15mm	Black Monofilament	12"/30cm		A9003N 9003G ●
HLL5  CS160-6 SE-160-6	1/2 Circle Length 5.51mm Curvature 160	Radius 2.03mm Chord 4.06mm Wire .15mm	Black Monofilament	4"/10cm		A9061N 9061G ●
HLL5  CS160-6 SE-160-6	1/2 Circle Length 5.51mm Curvature 160	Radius 2.03mm Chord 4.06mm Wire .15mm	Black Monofilament	6"/15cm	A9016N 9016G ●	A9001N 9001G ●
				12"/30cm		A9000N 9000G ●
HLL7  CS175-8	1/2 Circle Length 6.99mm Curvature 175	Radius 2.29mm Chord 4.57mm Wire .15mm	Black Monofilament	12"/30cm		A9032N 9032G ●



Product numbers are color coded respectively as SharpPoint™ (dark blue), Ethicon™ (black), and Syneture™ (green).
N denotes a box of 12

Side Cutting Lancet 

			Size				
			Material	Length	8-0	7-0	6-0
VSP8  T-1 S-24 SS-24	1/4 Circle Length 8mm Curvature 90	Radius 5.08mm Chord 7.24mm Wire .35mm	Black Braided	18"/45cm			D1780N 1780G S2780
DSL6  TG140-6 SE-140-6	3/8 Circle Length 6.15mm Curvature 135	Radius 2.54mm Chord 4.83mm Wire .15mm	Blue Braided Virgin	18"/45cm	D2552N † ● ●		
DSL7  TG140-8 SE-140-8	3/8 Circle Length 6.60mm Curvature 131	Radius 2.79mm Chord 5.26mm Wire .20mm	Black Braided	12"/30cm	D2526N 599G ●		
				18"/45cm		D7733N 7733G S1768K	
				18"/45cm	D2550N † ● ●		

† Not sold in U.S.A.












Precision Reverse Cutting 

				Size						
				Material	Length	9-0	8-0	7-0	6-0	5-0
DSM8  G-6 HE-6	8mm 3/8 Circle	Wire .23mm	Black Braided	12"/30cm			D2680N 768G S1768K			
DSM8  G-6 HE-6	8mm 3/8 Circle	Wire .23mm	Black Braided	18"/45cm			D0191N ● S1768K	D769N 769G ●		
HSM8 	8mm 1/2 Circle	Wire .23mm	Black Braided	18"/45cm				D765N ● ●		

Product numbers are color coded respectively as SharpPoint™ (dark blue), Ethicon™ (black), and Syneture™ (green).
 N denotes a box of 12

Polypropylene

Side Cutting Lancet

			Size		
	Material	Length	10-0	9-0	8-0
SSL5  1/8 Circle Length 5.51mm Curvature 50 Radius 6.35mm Chord 5.35mm Wire .15mm	Blue Monofilament	2"/5cm	J2560N  		
SSL15  1/8 Circle Length 14.99mm Curvature 50 Radius 16.51mm Chord 14.49mm Wire .23mm	Blue Monofilament	3"/7.5cm	J2559N  		
		6"/15cm		J2558N  	
DSL6  3/8 Circle Length 6.15mm Curvature 135 Radius 2.54mm Chord 5.35mm Wire .15mm TG140-6	Blue Monofilament	12"/30cm	J1710N 1710G 		
DSL6  1/2 Circle Length 5.51mm Curvature 150 Radius 2.03mm Chord 4.07mm Wire .15mm TG140-6	Blue Monofilament	12"/30cm	J2529N 7794G PZ756K		

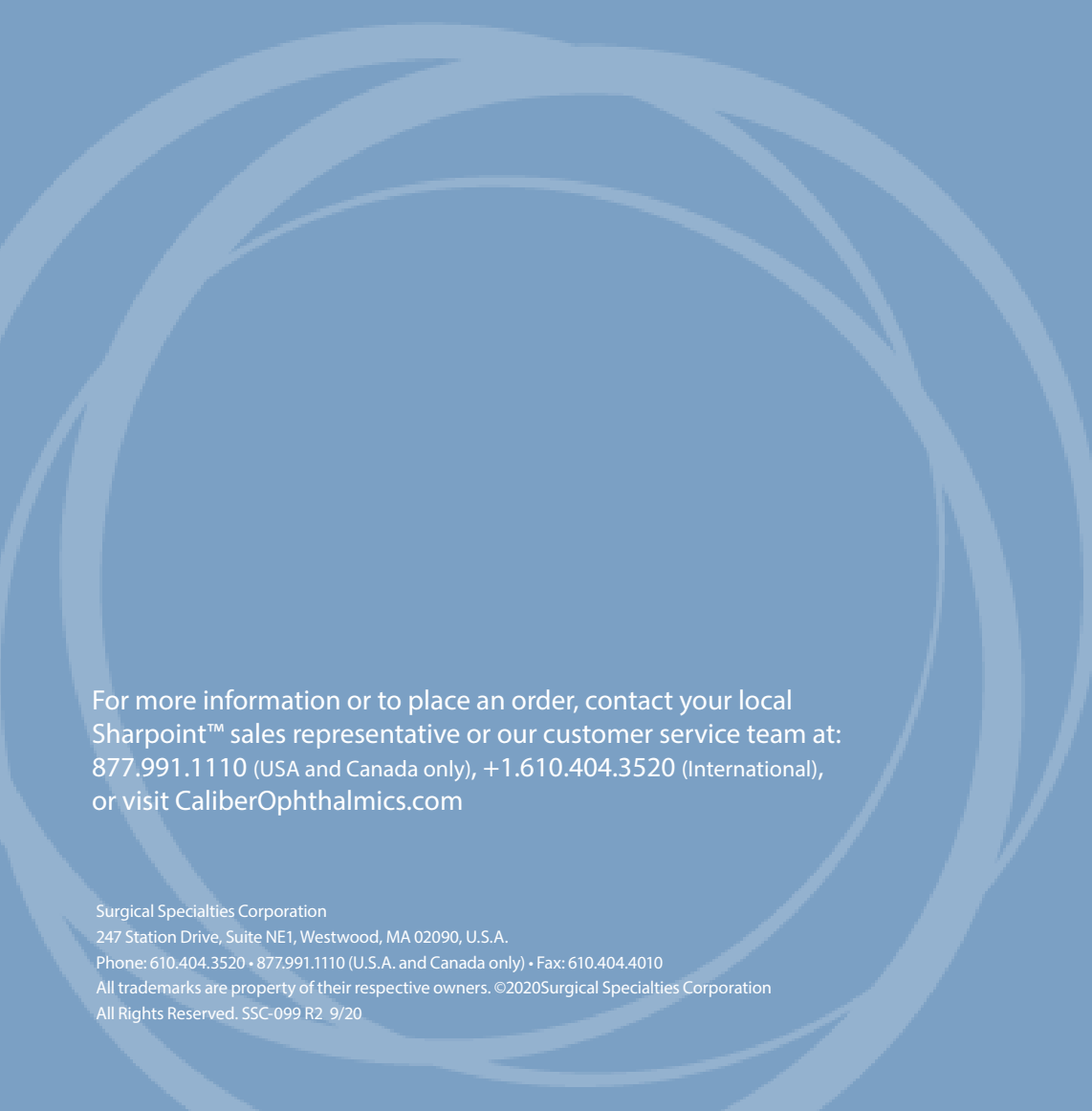
UltraGlide™

			Size		
	Material	Length	9-0	8-0	7-0
HLL5 5.51mm 1/2 Circle  CS-160-6 SE-160-6	Blue Monofilament	6"/15cm	J2625N  		

Needleless Suture (GATT)

			Size			
	Material	Length	9-0	8-0	7-0	6-0
	Blue Monofilament Twisted	6"/15cm				J2626N

Product numbers are color coded respectively as SharpPoint™ (dark blue), Ethicon™ (black), and Syneture™ (green).
 N denotes a box of 12



For more information or to place an order, contact your local
Sharpoint™ sales representative or our customer service team at:
877.991.1110 (USA and Canada only), +1.610.404.3520 (International),
or visit CaliberOphthalmics.com

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