

Trust in a History of Value.

LOOK[®]

Surgical Sutures

Suture Catalog



SURGICAL
SPECIALTIES
CORPORATION[™]

Trust in a History of Value.

The LOOK™ line of sutures is one of the best known and most trusted suture brands on the market. From the beginning, these sutures have been known for their quality—and that legacy of quality continues to meet the demands of surgery professionals worldwide. The precision manufacturing of our LOOK™ brand sutures ensures consistent needle strength and durability that holds up to every pass.

LOOK™ Sutures are offered in a variety of absorbable and non-absorbable materials and are attached to needles with superior sharpness, penetration, and strength characteristics. Surgical Specialties Corporation is proud to provide the LOOK™ suture, along with flexible and accommodating customer service, and value to its customers.



Table Of Contents

Guide to Suture Materials Selection.....	3
Advance Needle Technology	4
Needle Anatomy and Terminology	5
Needle Points and Cutting Edges	6
Needle Charts.....	7
Absorbable Sutures	
Plain Gut	8
Chromic Gut	9
PolySyn FA™ (polyglycolic acid).....	10
PolySyn™ (polyglycolic acid).....	11-12
Non-Absorbable Sutures	
Silk.....	13-14
Nylon	15-16
Polypropylene.....	17
PTFE (Polytetraflouroethylene)	18



Guide to Suture Materials

Absorbable

Material	Material Description	BSR Profile	Mass Absorption
Plain Gut 	Twisted <ul style="list-style-type: none"> Plain & Chromic Packaged Dry or in Wetting Solution Common uses: General Closure, OB/Gyn, Urology, Bowel Anastomosis	In vivo strength retention: Varies	Varies depending upon type of suture (plain vs. chromic) and site of placement
Chromic Gut 	Twisted <ul style="list-style-type: none"> Plain & Chromic Packaged Dry or in Wetting Solution Common uses: General Closure, OB/Gyn, Urology, Bowel Anastomosis	In vivo strength retention: Varies	Varies depending upon type of suture (plain vs. chromic) and site of placement
PolySyn FA™ (glycolic acid)  • VICRYL RAPIDE™ * Velosorb™Fast	Braided <ul style="list-style-type: none"> Undyed (clear) • Coated Common uses: General Closure, OB/Gyn, Urology	In vivo strength retention: 48% at 7 days 0% at 14 days	Essentially complete between 49 and 63 days
PolySyn™ (glycolic acid)  • VICRYL™ * Polysorb™/ Dexon™	Braided <ul style="list-style-type: none"> Undyed (clear) • Dyed (violet) Monofilament <ul style="list-style-type: none"> Undyed (clear) • Dyed (violet) Coated & Uncoated Common uses: Skin Closure, OB/Gyn, Urology, Gastrointestinal	In vivo strength retention: 50% at 14 days 20% at 21 days	Essentially complete between 50 and 90 days

Non-Absorbable

Material	Material Description	Qualities
Silk  • PERMA-HAND™ Silk * SofSilk™	Braided <ul style="list-style-type: none"> Undyed (white) • Dyed (black) • Coated Common uses: General & Skin Closure, Gastrointestinal, Cardiovascular Surgery, Plastic Surgery, Ophthalmology	<ul style="list-style-type: none"> Excellent handling and tying characteristics
Nylon  • ETHILON™ * Monosof™/Dermalon™	Monofilament <ul style="list-style-type: none"> Undyed (clear) • Dyed (blue) (black) Packaged dry or in wetting solution Common uses: General & Skin Closure, Plastic Surgery, Ophthalmology, Microsurgery, Cardiovascular Surgery, Gastrointestinal	<ul style="list-style-type: none"> Passes easily through tissue
Polypropylene  • PROLENE™ * Surgipro™/Surgipro™II	Monofilament <ul style="list-style-type: none"> Undyed (clear) • Dyed (blue) Common uses: General & Skin Closure, Neurosurgery, Plastic Surgery, Ophthalmology, Microsurgery, Cardiovascular Surgery	<ul style="list-style-type: none"> Inert Easy to handle Passes easily through tissue
PTFE (Polytetrafluoroethylene) 	Monofilament <ul style="list-style-type: none"> Undyed (white) Common uses: Dental Surgery and General Surgery	<ul style="list-style-type: none"> Soft and supple material Easy to handle Good knot security Minimal package memory

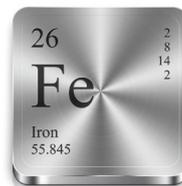
• Comparable Ethicon™Material * Comparable Covidien™Material

LOOK™ needle performance is an output of its design. Materials, geometry, and coatings work together to produce a high performance surgical instrument.

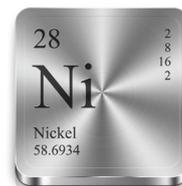


Proprietary Stainless Steel Alloy

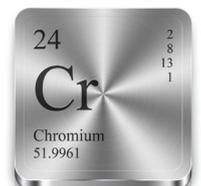
LOOK™ needles are forged from an alloy of Iron, Nickel, and Chromium. Each element serves a role in delivering strength, ductility, and hardness.



Strength



Ductility



Hardness

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.

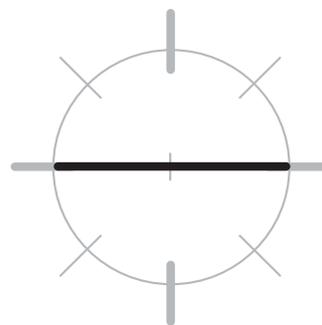
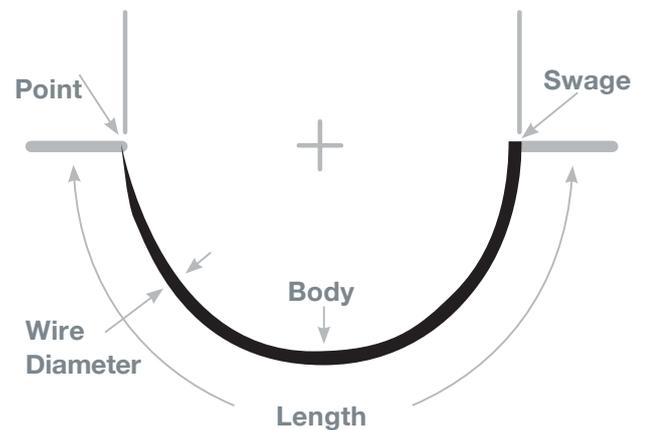
Swage: Connection point of the suture and the needle. Micro teeth grip the suture material and prevent it from slipping out.

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

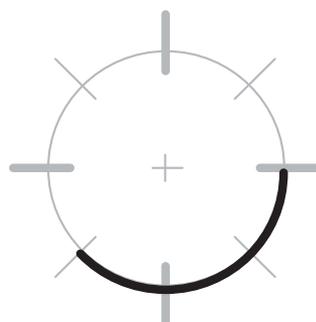
Body: The part between the point and the swage of the needle.

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

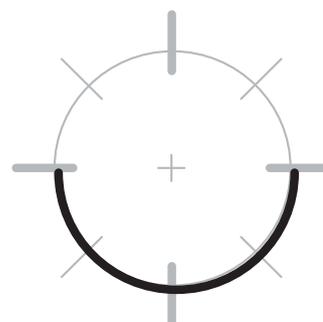
Needle Anatomy



Straight



3/8 Circle



1/2 Circle

Needle Points and Cutting Edges

Needle Type	Point Geometry	Description	Commonly Used For
Conventional Cutting		Triangular point with cutting edge on the inner curvature	General skin closure, subcutaneous tissue, sometimes for ophthalmic surgery, plastic or reconstructive surgery
Precision Conventional Cutting		Triangular point with cutting edge on the inner curvature and precision-honed for added sharpness	General skin closure, subcutaneous tissue, sometimes for ophthalmic surgery, plastic or reconstructive surgery
Reverse Cutting		Triangular point with cutting edge on the outer curvature	Skin closure, ligamentous or fibrous tissues
Precision Reverse Cutting		Triangular point with cutting edge on the outer curvature and precision-honed for added sharpness	Primarily used in plastic surgery for delicate procedures and where a good cosmetic result is desired
Taper Point		Round shaft, straight or curved, taper point with no cutting edge	Soft tissue closure such as fascia, vascular, gastrointestinal, and most soft tissue below the skin
Taper Cutting		Four (4) cutting edges with a taper shaft	For penetration through tough tissue
Straight Cutting		Reverse cutting tip on a straight shaft	General skin closure

Needle Chart

Precision Conventional Cutting Needles

LOOK™	Ethicon™	Covidien™	
3/8 Circle CP1	PC-1	P-13	 11mm

Straight Cutting

LOOK™	Ethicon™	Covidien™	
SC2	KS	SC-2	 60mm

Precision Reverse Cutting Needles

LOOK™	Ethicon™	Covidien™	
3/8 Circle			
C1	P-1	P-10	 11mm
C3	P-3	P-13	 13mm
PC34	PS-3	P-11	 16mm
PC31	PS-2	P-12	 18mm
PC33	PS-1	P-14	 24mm

Taper Point Needles

LOOK™	Ethicon™	Covidien™	
1/2 Circle			
T22	TF	CV-22	 13mm
T28	RB-1	CV-23	 18mm
T14	SH-1	CV-24	 20mm
T4	SH-1	CV-25	 22mm
T	SH	V-20	 26mm
HR30	V-30	•	 30mm
T9	MH	V-26	 36mm
T8	CT-1	GS-21	 36.6mm
T10	CT	GS-24	 40mm

Reverse Cutting Needles

LOOK™	Ethicon™	Covidien™	
3/8 Circle			
C16	C-2	C-1	 11mm
C17	C-2	C-1	 12mm
•	C-3	C-12	 14mm
C22	FS-3	C-12	 16mm
C6	FS-2	C-13	 18mm
C7	FS-1	C-14	 24mm
C8	FS	C-15	 26mm
C10	FSL	C-16	 30mm
1/2 Circle			
C26	M-1	C-21	 15mm
C19	•	•	 18mm
C20	J-1	C-22	 19mm
C31	X-1	C-23	 24mm
C12	CP-1	GS-11	 27mm
C21	CP-2	GS-10	 26mm
C13	CP-1	GS-11	 37mm
C14	CP	GS-12	 40mm

Taper Cutting Needles

LOOK™	Ethicon™	Covidien™	
1/2 Circle			
Y5	V-5	KV-5	 16mm
HRT36	V-34	KV-34	 36mm

Side Cutting Lancet

LOOK™	Ethicon™	Covidien™	
VSP8	S-24	SS-24	>45cm side cutting lancet diagram" data-bbox="748 698 924 728"/> 18"/45cm

Precision Conventional Cutting

Needle	Material	Length	Size					
			6-0	5-0	4-0	3-0	2-0	
CP1 11mm 3/8 Circle 	Plain Gut	18"/45cm	1415B					

Precision Reverse Cutting

Needle	Material	Length	Size					
			6-0	5-0	4-0	3-0	2-0	
C3 13mm 3/8 Circle 	Plain Gut	18"/45cm		596B	1241B			

Reverse Cutting

Needle	Material	Length	Size				
			6-0	5-0	4-0	3-0	2-0
C17 12mm 3/8 Circle 	Plain Gut	10"/25cm		521B	531B		
		18"/45cm		535B	536B		
C6 19mm 3/8 Circle 	Plain Gut	18"/45cm		500B	591B	592B	
		27"/70cm		550B	551B	554B	
C7 24mm 3/8 Circle 	Plain Gut	27"/70cm				553B	555B
C26 15mm 1/2 Circle 	Plain Gut	18"/45cm			537B		
C31 24mm 1/2 Circle 	Plain Gut	18"/45cm			599B	594B	
C21 26mm 1/2 Circle 	Plain Gut	18"/45cm				593B	

Chromic Gut

Precision Reverse Cutting

Needle	Material	Length	Size				
			6-0	5-0	4-0	3-0	2-0
C1 11mm 3/8 Circle 	Chromic Gut	12"/30cm	1242B				
C3 13mm 3/8 Circle 	Chromic Gut	18"/45cm		1248B	595B		

Reverse Cutting

Needle	Material	Length	Size				
			5-0	4-0	3-0	2-0	0
C16 11mm 3/8 Circle 	Chromic Gut	18"/45cm	543B				
C17 12mm 3/8 Circle 	Chromic Gut	18"/45cm	563B	546B			
C6 19mm 3/8 Circle 	Chromic Gut	18"/45cm		558B	525B		
		27"/70cm	557B	559B	560B		
C7 24mm 3/8 Circle 	Chromic Gut	27"/70cm				561B	
C8 26mm 3/8 Circle 	Chromic Gut	27"/70cm					562B
C26 15mm 1/2 Circle 	Chromic Gut	18"/45cm	598B	544B			
C20 20mm 1/2 Circle 	Chromic Gut	18"/45cm		547B			

Taper Point

Needle	Material	Length	Size				
			6-0	5-0	4-0	3-0	2-0
T28 18mm 1/2 Circle 	Chromic Gut	14"/35cm		590B			
T4 22mm 1/2 Circle 	Chromic Gut	14"/35cm			589B		

Reverse Cutting

Needle	Material	Length	Size				
			6-0	5-0	4-0	3-0	2-0
C6 18mm 3/8 Circle 	Undyed Braided	27"/70cm				MC-423NC	

Taper Cutting

Needle	Material	Length	Size				
			6-0	5-0	4-0	3-0	2-0
HRT36 36mm 1/2 Circle 	Undyed Braided	36"/90cm				MC-917NC	

PolySyn™/Polyglycolic Acid

Precision Reverse Cutting ▾

Needle	Material	Length	Size				
			6-0	5-0	4-0	3-0	2-0
C3 13mm 3/8 Circle 	Undyed Braided	18"/45cm	492B	493B	494B		
PC31 19mm 3/8 Circle 	Undyed Braided	18"/45cm		495B	496B	497B	

Reverse Cutting ▾

Needle	Material	Length	Size				
			6-0	5-0	4-0	3-0	2-0
C17 12mm 3/8 Circle 	Undyed Braided	10"/25cm		385B	386B		
C6 19mm 3/8 Circle 	Undyed Braided	27"/70cm		421B	422B	423B	
C7 24mm 3/8 Circle 	Violet Braided	27"/70cm			GC-451NC		
	Undyed Braided	27"/70cm			441B	442B	443B

Reverse Cutting/Taper Point ▾ ●

Needle	Material	Length	Size				
			6-0	5-0	4-0	3-0	2-0
C12/T8  27mm/36.6mm 1/2 Circle	Violet Braided	36"/90cm					GC-532NC

PolySyn™/Polyglycolic Acid

Taper Point

			Size				
Needle	Material	Length	6-0	5-0	4-0	3-0	2-0
T22  13mm 1/2 Circle	Undyed Braided	27"/70cm		GC-433NC			
	Violet Braided	18"/45cm	GC-981NC				
T28  18mm 1/2 Circle	Violet Braided	30"/75cm			GC-304NC		
T14  20mm 1/2 Circle	Violet Braided	27"/70cm			310B	311B	
T  26mm 1/2 Circle	Violet Braided	27"/70cm				316B	317B
HR30  30mm 1/2 Circle	Violet Braided	30"/75cm				GC-322BC	GC-323NC

Taper Point

			Size				
Needle	Material	Length	4-0	3-0	2-0	0	1
T8  36.60mm 1/2 Circle	Violet Braided	36"/90cm			GC-354NC	GC-518NC	
T10  40mm 1/2 Circle	Violet Braided	36"/90cm				GC-358NC	GC-359NC

Silk

Precision Reverse Cutting

			Size				
Needle	Material	Length	6-0	5-0	4-0	3-0	2-0
C3 13mm 3/8 Circle 	Black Braided	18"/45cm		1265B	792B		

Reverse Cutting

			Size				
Needle	Material	Length	6-0	5-0	4-0	3-0	2-0
C16 11mm 3/8 Circle 	Black Braided	18"/45cm				795B	
C17 12mm 3/8 Circle 	Black Braided	18"/45cm	752B	774B	787B		
C22 16mm 3/8 Circle 	Black Braided	18"/45cm	750B				
C6 19mm 3/8 Circle 	Black Braided	18"/45cm		754B	781B	784B	
		30"/75cm				768B	
C7 24mm 3/8 Circle 	Black Braided	18"/45cm			776B	786B	
		30"/75cm				775B	
C8 26mm 3/8 Circle 	Black Braided	18"/45cm					770B

Reverse Cutting ▾

			Size				
Needle	Material	Length	5-0	4-0	3-0	2-0	0
C10  30mm 3/8 Circle	Black Braided	18"/45cm			765B		772B
C26  15mm 1/2 Circle	Black Braided	18"/45cm	779B	777B	778B		
C19  18mm 1/2 Circle	Black Braided	18"/45cm			783B		
C20  20mm 1/2 Circle	Black Braided	18"/45cm		780B			
C31  24mm 1/2 Circle	Black Braided	18"/45cm			785B		
C21  26mm 1/2 Circle	Black Braided	18"/45cm			782B		

Nylon

Precision Conventional Cutting

Needle	Material	Length	Size				
			6-0	5-0	4-0	3-0	2-0
CP1 11mm 3/8 Circle 	Black Monofilament	18"/45cm	1456B				

Precision Reverse Cutting

Needle	Material	Length	Size				
			7-0	6-0	5-0	4-0	3-0
C1 11mm 3/8 Circle 	Black Monofilament	18"/45cm	1276B	1279B			
C3 13mm 3/8 Circle 	Black Monofilament	8"/20cm		1273B	1284B		
		18"/45cm		1282B	1285B	1291B	
PC34 16mm 3/8 Circle 	Black Monofilament	18"/45cm		1280B	1283B		
PC31 18mm 3/8 Circle 	Black Monofilament	18"/45cm			1288B	1290B	
PC33 24mm 3/8 Circle 	Black Monofilament	18"/45cm					1294B

Reverse Cutting

			Size				
Needle	Material	Length	6-0	5-0	4-0	3-0	2-0
C17  12mm 3/8 Circle	Black Monofilament	10"/25cm	911B	913B	931B		
		18"/45cm	916B	917B	921B		
C22  16mm 3/8 Circle	Black Monofilament	18"/45cm	915B	919B			
C6  19mm 3/8 Circle	Black Monofilament	10"/25cm		945B	944B		
		18"/45cm		918B	922B	928B	
C7  24mm 3/8 Circle	Black Monofilament	10"/25cm			947B		
		18"/45cm			920B	925B	
C8  26mm 3/8 Circle	Black Monofilament	18"/45cm					927B

Straight Cutting

			Size				
Needle	Material	Length	6-0	5-0	4-0	3-0	2-0
SC2  60mm Straight	Black Monofilament	30"/75cm				923B	

Polypropylene

Precision Reverse Cutting

Needle	Material	Length	Size				
			7-0	6-0	5-0	4-0	3-0
C1 11mm 3/8 Circle 	Blue Monofilament	18"/45cm		1079B			
C3 13mm 3/8 Circle 	Blue Monofilament	8"/20cm		1077B	1078B		
		18"/45cm		1082B	1085B	1091B	

Reverse Cutting

Needle	Material	Length	Size				
			6-0	5-0	4-0	3-0	2-0
C17 12mm 3/8 Circle 	Blue Monofilament	18"/45cm	1011B	1013B	1031B		
C6 19mm 3/8 Circle 	Blue Monofilament	18"/45cm		1018B	1022B		

Polytetraflouroethylene (PTFE)

Precision Reverse Cutting ▾

Needle	Material	Length	Size				
			6-0	5-0	4-0	3-0	2-0
C3 13mm 3/8 Circle 	Undyed Monofilament	18"/45cm	822B	823B	820B		
PC31 18mm 3/8 Circle 	Undyed Monofilament	18"/45cm			821B		

Reverse Cutting ▾

Needle	Material	Length	Size				
			6-0	5-0	4-0	3-0	2-0
C22 16mm 3/8 Circle 	Undyed Monofilament	18"/45cm			817B	818B	
C6 19mm 3/8 Circle 	Undyed Monofilament	18"/45cm				816B	815B

Taper Point ●

Needle	Material	Length	Size				
			6-0	5-0	4-0	3-0	2-0
T22 13mm 1/2 Circle 	Undyed Monofilament	14"/35cm			819B		



SURGICAL SPECIALTIES CORPORATION™

LOOK™ is available through your preferred distributor.

Any questions please call **877-991-1110**

For More Information, Visit SurgicalSpecialties.com

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