

# ADVANCED RAZOR SHARP SUTURES RS3

**Features Include:**

- Smooth, polished needle, easy glide surface, & uniform thickness
- Superior suture material for advanced wound closure
- Minimal needle to material transition reduces suture line bleed.
- Stainless steel needles eliminate flex and fracture.
- 12 sterile sutures per box.
- Made in the U.S.A.



## Absorbable Sutures

**PLAIN GUT** lasts 2 – 5 days with actual strength and will be completely absorbed in 14 days. Used underneath the top layer of the tissue. There is no follow-up surgery necessary for removal.

**CHROMIC GUT** treated in chromic acid salt, it retains actual strength for 6 – 10 days. Used on the top layer of the tissue, it's completely absorbed in 20 – 35 days. There is no follow-up surgery necessary for removal. \*\*In order to prevent the gut sutures from drying out and becoming unmanageable to suture they are packaged in isopropanol, water and triethanolmaine which smells like alcohol.

**PGA** sutures are all braided and coated with polycaprolactone and calcium stearate. A completely synthetic material, it's available either dyed (violet, codes end with PGAV) and undyed (off-white color, codes end with PGA). The violet is a FDA-approved color additive called FD&C Violet No. 2. Recommended usage during surgical procedures due to:

- Excellent tensile strength throughout the critical wound healing period
- Excellent knot security
- Excellent handling
- Synthetic composition gives it a very predictable absorption profile
- Minimal inflammation in tissue

'Regular' PGA and 'Fast Absorbing' types are offered.

**PGA FAST** (PGAR) retains 50% of original tensile strength at 6 – 9 days after placement. Loses all tensile strength after approx. 14 days and is completely dissolved after about 42 days.

**PGA** retains 82% original tensile strength at 14 days after placement and 56% at 21 days. It's completely dissolved after 90 – 100 days.

## Non-Absorbable Sutures

**POLYPROPYLENE** is a polyolefin material (plastic material), blue in color and easy to see because the sutures themselves are extremely thin. The material is extremely smooth (not braided), and will not stick to the tissue while being placed OR removed. Polypropylene is used when doing surgeries where the suture eventually has to be removed. Benefits include:

- Uniform diameter of suture (not braided)
- Maximum flexibility of strand
- Excellent security with snug and flattened knots
- No 'memory' and fraying

**SILK** material is braided to increase tensile strength and is died black. Silk is the easiest material to lay a knot with because it is so smooth.

# CROSS REFERENCE CHART

NEEDLE CODE	SUTURE LENGTH	SUTURE SIZE	A. TITAN SUTURE CODE	ETHICON CODE	HU FRIEDY	LOOK
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**ABSORBABLE PGA Violet & Braided**

C-6	18"	3-0	ATI-6-18-3PGAV	J393H	PSN393V	GC 393N
C-6	18"	4-0	ATI-6-18-4PGAV	J392H	PSN392V	GC 392N
C-3	18"	5-0	ATI-3-18-5PGAV	J463G	N/A	GA 463N
C-6	18"	5-0	ATI-6-18-5PGAV	J391H	N/A	GC 391N

**ABSORBABLE PGA Fast Absorbing & Undyed**

C-31	18"	3-0	ATI-31-18-3PGAR	VR497	N/A	N/A
C-31	18"	4-0	ATI-31-18-4PGAR	VR496	PSN525FA	N/A

**ABSORBABLE PGA Undyed & Braided**

C-6	27"	3-0	ATI-6-27-3PGA	J423H	N/A	423B
C-31	18"	3-0	ATI-31-18-3PGA	J497G	N/A	N/A
C-6	27"	4-0	ATI-6-27-4PGA	J422H	N/A	422B
C-3	18"	4-0	ATI-3-18-4PGA	J494G	N/A	N/A
C-31	18"	4-0	ATI-31-18-4PGA	J496G	N/A	496B
C-3	18"	5-0	ATI-3-18-5PGA	J493G	PSN493V	493B
C-31	18"	5-0	ATI-31-18-5PGA	J495G	N/A	N/A
C-1	18"	6-0	ATI-1-18-6PGA	J489G	PSN489V	N/A
C-3	18"	6-0	ATI-3-18-6PGA	J492G	PSN492V	N/A

**ABSORBABLE Chromic Gut**

C-3	18"	4-0	ATI-3-18-4CG	1654G	PSN1654C	595B
C-3	18"	5-0	ATI-3-18-5CG	687G	PSN687C	1248B
C-6	27"	3-0	ATI-6-27-3CG	636H	PSN636C	560B
C-6	27"	4-0	ATI-6-27-4CG	635H	PSN635C	559B

**ABSORBABLE Plain Gut**

C-6	27"	3-0	ATI-6-27-3PG	H822H	PSNH822A	554B
C-6	18"	4-0	ATI-6-18-4PG	N/A	PSN7771A	591B
C-3	18"	5-0	ATI-3-18-5PG	686G	PSN686A	596B
C-6	27"	4-0	ATI-6-27-4PG	H821H	PSNH821A	551B
C-7	27"	3-0	ATI-7-27-3PG	H810H	PSNH810A	553B
C-9	18"	3-0	ATI-9-18-3PG	612G	PSN612A	594B

**NON-ABSORBABLE Polypropylene**

C-1	18"	6-0	ATI-1-18-6PPN	8697G	PSN8697P	1079B
C-1	18"	7-0	ATI-1-18-7PPN	8696G	PSN8696P	N/A
C-3	18"	5-0	ATI-3-18-5PPN	8698G	PSN8698P	1085B
C-3	18"	6-0	ATI-3-18-6PPN	8695G	PSN8695P	1082B

**NON-ABSORBABLE Black Braided Silk**

C-6	18"	3-0	ATI-6-18-3BBS	N/A	PSN7772S	784B
C-6	18"	4-0	ATI-6-18-4BBS	683G	PSN683S	781B
C-9	18"	3-0	ATI-9-18-3BBS	632G	PSN632S	785B



Evolution doesn't imitate... it innovates

# RAZOR SHARP STAINLESS STEEL NEEDLES

#C-1  
11mm  
3/8 Circle

#C-3  
13mm  
3/8 Circle

#C-31  
19mm  
3/8 Circle

#C-6  
19mm  
3/8 Circle

#C-9  
23mm  
1/2 Circle

#C-7  
24mm  
3/8 Circle

## NEEDLE CONVERSION CHART

### A. TITAN

### ETHICON

### HU-FRIEDY

#### C1

(3/8 circle, 11mm long,  
Precision Reverse cutting)

#### P-1

#### C-1

#### C3

(3/8 circle, 13mm long,  
Precision reverse cutting)

#### P-3

#### C-3

#### C-31

(3/8 circle, 19mm long,  
Precision reverse cutting)

#### PS-2

#### C-6

#### C6

(3/8 circle, 19mm long,  
Reverse cutting)

#### FS-2

#### C-6

#### C7

(3/8 circle, 24mm long,  
Reverse cutting)

#### FS-1

#### C-7

#### C9

(1/2 circle, 23mm long,  
Reverse cutting)

#### X-1

#### C-9

## SUTURE MATERIAL CHART

### ABSORBABLE PGA Violet & Braided

A. TITAN SUTURE CODE	NEEDLE CODE	SUTURE LENGTH	SUTURE SIZE
ATI-6-18-3PGAV	C-6	18"	3-0
ATI-6-18-4PGAV	C-6	18"	4-0
ATI-3-18-5PGAV	C-3	18"	5-0
ATI-6-18-5PGAV	C-6	18"	5-0

### ABSORBABLE PGA Fast Absorbing & Undyed

ATI-31-18-3PGAR	C-31	18"	3-0
ATI-31-18-4PGAR	C-31	18"	4-0

### ABSORBABLE PGA Undyed & Braided

ATI-6-27-3PGA	C-6	27"	3-0
ATI-31-18-3PGA	C-31	18"	3-0
ATI-6-27-4PGA	C-6	27"	4-0
ATI-3-18-4PGA	C-3	18"	4-0
ATI-31-18-4PGA	C-31	18"	4-0
ATI-3-18-5PGA	C-3	18"	5-0
ATI-31-18-5PGA	C-31	18"	5-0
ATI-1-18-6PGA	C-1	18"	6-0
ATI-3-18-6PGA	C-3	18"	6-0

### ABSORBABLE Chromic Gut

ATI-3-18-4CG	C-3	18"	4-0
ATI-3-18-5CG	C-3	18"	5-0
ATI-6-27-3CG	C-6	27"	3-0
ATI-6-27-4CG	C-6	27"	4-0

### ABSORBABLE Plain Gut

ATI-6-27-3PG	C-6	27"	3-0
ATI-6-18-4PG	C-6	18"	4-0
ATI-3-18-5PG	C-3	18"	5-0
ATI-6-27-4PG	C-6	27"	4-0
ATI-7-27-3PG	C-7	27"	3-0
ATI-9-18-3PG	C-9	18"	3-0

### NON-ABSORBABLE Polypropylene

ATI-1-18-6PPN	C-1	18"	6-0
ATI-1-18-7PPN	C-1	18"	7-0
ATI-3-18-5PPN	C-3	18"	5-0
ATI-3-18-6PPN	C-3	18"	6-0

### NON-ABSORBABLE Black Braided Silk

ATI-6-18-3BBS	C-6	18"	3-0
ATI-6-18-4BBS	C-6	18"	4-0
ATI-9-18-3BBS	C-9	18"	3-0

## SUTURE MATERIAL SAMPLES

ABSORBABLE					NON-ABSORBABLE	
PGA Violet & Braided	PGA Fast Absorbing & Undyed	PGA Undyed & Braided	Chromic Gut	Plain Gut	Polypropylene	Black Braided Silk
SIZE 3-0	SIZE 3-0	SIZE 6-0	SIZE 4-0	SIZE 5-0	SIZE 7-0	SIZE 3-0
PGA Violet & Braided	PGA Fast Absorbing & Undyed	PGA Undyed & Braided	Chromic Gut	Plain Gut	Polypropylene	Black Braided Silk
SIZE 3-0	SIZE 3-0	SIZE 6-0	SIZE 4-0	SIZE 5-0	SIZE 7-0	SIZE 3-0
ABSORBABLE					NON-ABSORBABLE	