# Absorbable Sutures

**PLAIN GUT** lasts 2 – 3 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** lasts in chronic acid salt. It retains actual strength for 6 – 10 days, used on the top layer of the tissue. It’s completely absorbed in 20 – 30 days. There is no follow-up surgery necessary for removal.

Non-absorbable sutures are all braided and coated with polycaprolactone and calcium stearate. A completely synthetic material. It’s available either dyed (violet, reds, and with PGA) and undyed (off-white color, and with PGA). The violet is a PGA-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**
- **Maximum flexibility of strand**
- **Uniform diameter of suture (not braided)**
- **No “memory” and fraying**
- **Minimal inflammation in tissue**
- **Excellent knot security**
- **Excellent handling**
- **Synthetic composition gives it a very predictable absorption profile**

**Regular** PGA and **Fast Absorbing** types are offered. PGA **FAST** (PGAAR) 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 other 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. It is 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 knot
- No “memory” and fraying

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

## Features Include:

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

## Benefits Include:

- Excellent security with snug and flattened knot
- Maximum flexibility of strand
- Uniform diameter of suture (not braided)
- No “memory” and fraying
- Excellent handling
- Synthetic composition gives it a very predictable absorption profile
- Minimal inflammation in tissue
- Excellent tensile strength throughout the critical wound healing period
- Excellent knot security

---

### CROSS REFERENCE CHART

<table>
<thead>
<tr>
<th>SUTURE CODE</th>
<th>SUTURE SIZE</th>
<th>A. TITAN CODE</th>
<th>ETHICON CODE</th>
<th>CODE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-6</td>
<td>3-0</td>
<td>ATI-6-18-PAGV</td>
<td>39009</td>
<td>PSN38V</td>
<td>GC-1674</td>
</tr>
<tr>
<td>C-6</td>
<td>4-0</td>
<td>ATI-6-18-PAGV</td>
<td>39009</td>
<td>PSN38V</td>
<td>GC-1624</td>
</tr>
<tr>
<td>C-6</td>
<td>5-0</td>
<td>ATI-6-18-PAGV</td>
<td>39009</td>
<td>PSN38V</td>
<td>GC-1674</td>
</tr>
<tr>
<td>C-6</td>
<td>6-0</td>
<td>ATI-6-18-PAGV</td>
<td>39009</td>
<td>PSN38V</td>
<td>GC-1624</td>
</tr>
<tr>
<td>C-6</td>
<td>7-0</td>
<td>ATI-6-18-PAGV</td>
<td>39009</td>
<td>PSN38V</td>
<td>GC-1674</td>
</tr>
<tr>
<td>C-6</td>
<td>8-0</td>
<td>ATI-6-18-PAGV</td>
<td>39009</td>
<td>PSN38V</td>
<td>GC-1624</td>
</tr>
</tbody>
</table>

---

### RS3 CROSS REFERENCE

**RS3** CROSS REFERENCE CHART

<table>
<thead>
<tr>
<th>RS3 CÔDE</th>
<th>SUTURE CODE</th>
<th>SUTURE SIZE</th>
<th>A. TITAN CODE</th>
<th>ETHICON CODE</th>
<th>CODE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-6</td>
<td>3-0</td>
<td>ATI-6-18-PAGR</td>
<td>39009</td>
<td>PSN38V</td>
<td>GC-1674</td>
<td></td>
</tr>
<tr>
<td>C-6</td>
<td>4-0</td>
<td>ATI-6-18-PAGR</td>
<td>39009</td>
<td>PSN38V</td>
<td>GC-1624</td>
<td></td>
</tr>
<tr>
<td>C-6</td>
<td>5-0</td>
<td>ATI-6-18-PAGR</td>
<td>39009</td>
<td>PSN38V</td>
<td>GC-1674</td>
<td></td>
</tr>
<tr>
<td>C-6</td>
<td>6-0</td>
<td>ATI-6-18-PAGR</td>
<td>39009</td>
<td>PSN38V</td>
<td>GC-1624</td>
<td></td>
</tr>
<tr>
<td>C-6</td>
<td>7-0</td>
<td>ATI-6-18-PAGR</td>
<td>39009</td>
<td>PSN38V</td>
<td>GC-1674</td>
<td></td>
</tr>
<tr>
<td>C-6</td>
<td>8-0</td>
<td>ATI-6-18-PAGR</td>
<td>39009</td>
<td>PSN38V</td>
<td>GC-1624</td>
<td></td>
</tr>
</tbody>
</table>

---

### Evolution doesn’t imitate... it innovates

### Needle Conversion Chart

<table>
<thead>
<tr>
<th>A. TITAN</th>
<th>ETHICON</th>
<th>HU-FRIEDY</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1</td>
<td>P-1</td>
<td>C-1</td>
</tr>
<tr>
<td>(3/8 circle, 11mm long, Precision Reverse cutting)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C3</td>
<td>P-3</td>
<td>C-3</td>
</tr>
<tr>
<td>(3/8 circle, 13mm long, Precision reverse cutting)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C31</td>
<td>PS-2</td>
<td>C-6</td>
</tr>
<tr>
<td>(3/8 circle, 19mm long, Precision reverse cutting)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C6</td>
<td>FS-2</td>
<td>C-6</td>
</tr>
<tr>
<td>(3/8 circle, 19mm long, Reverse cutting)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C7</td>
<td>FS-1</td>
<td>C-7</td>
</tr>
<tr>
<td>(3/8 circle, 24mm long, Reverse cutting)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C9</td>
<td>X-1</td>
<td>C-9</td>
</tr>
<tr>
<td>(1/2 circle, 23mm long, Reverse cutting)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Suture Material Chart

**Absorbable**

- **PGA Violet & Braided**
  - ATI-6-18-3PGAV: C-6, 18”, 3.0
  - ATI-6-18-4PGAV: C-6, 18”, 4.0
  - ATI-6-18-5PGAV: C-6, 18”, 5.0
  - ATI-6-18-6PGAV: C-6, 18”, 5.0

- **PGA Fast Absorbing & Undyed**
  - ATI-3-11-3PGAR: C-31, 18”, 3.0

- **PGA Undyed & Braided**
  - ATI-6-18-3PGAV: C-6, 18”, 3.0
  - ATI-6-18-4PGAV: C-6, 18”, 4.0
  - ATI-6-18-5PGAV: C-6, 18”, 5.0

**Absorbable**

- **PGA Undyed & Braided**
  - ATI-6-18-3PGAV: C-6, 18”, 3.0
  - ATI-6-18-4PGAV: C-6, 18”, 4.0

**Non-Absorbable**

- **Polypropylene**
  - ATI-6-18-3PGAV: C-6, 18”, 3.0
  - ATI-6-18-4PGAV: C-6, 18”, 4.0
  - ATI-6-18-5PGAV: C-6, 18”, 5.0

### Suture Material Samples

**Absorbable**

- **PGA Violet & Braided**
- **PGA Fast Absorbing & Undyed**
- **PGA Undyed & Braided**
- **Chromic Gut**
- **Plain Gut**

**Non-Absorbable**

- **Polypropylene**
- **Black Braided Silk**