Sutures by Demetech - Polyglycolic Acid suture is a synthetic, absorbable, sterile, surgical suture composed of 100% glycolide. Demetech's Polyglycolic Acid Sutures are available in either violet or colorless. The chemical formula of Demetech's PGA is (C2H2O2)n. Clinical trials have shown that after two weeks, approximately 84% of Demetech's PGA initial strength remained. At four weeks, approximately 23% of Demetech's PGA linear tensile strength remained. Sutures by Demetech - Polyglycolic Acid Suture has been found to be nonantigenic and elicit only mild tissue reactivity during the absorption process.

Characteristics of Demetech's PGA Sutures:

- Polyglycolic Acid, better known as PGA, is composed of polymers of glycolide acids.
- Demetech's PGA is coated to allow for easier passage through tissues with only minimal drag.
- Coated PGA sutures facilitate:
  - Easy tissue passage
  - Precise knot placement
  - Smooth tie down
  - A decreased tendency to irritate tissue
  - Greater tensile strength

**Tensile Strength**

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<th>Days</th>
<th>0%</th>
<th>50%</th>
<th>100%</th>
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<td>94%</td>
<td>84%</td>
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<td>84%</td>
<td>74%</td>
</tr>
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**Material**

- Violet
- Colorless

**Complete Absorption**

- 60 Days
- 90 Days

**Absorption Profile**