

SYNTHETIC ABSORBABLE SURGICAL SUTURES

PETCRYL* Coated & Braided Polyglycolic Acid (PGA)

PGA is an ideal and time tested synthetic absorbable suture, widely used by surgeons all over the world. PGA's superior features over catgut are predictable absorption, outstanding tensile strength, in-vivo inertness and excellent handling properties.

Virtues

- : 1) Petcryl tensile strength surpass even the standards set by U.S. Pharmacopoeia and substantially higher than catgut as shown below:

AVERAGE TENSILE STRENGTH IN KGS.

| SUTURE SIZE IN USP | CATGUT | PETCRYL | INCREASE |
|--------------------|--------|---------|----------|
| 4-0 | 0.77 | 0.95 | +23% |
| 3-0 | 1.25 | 1.77 | +41% |
| 2-0 | 2.00 | 2.68 | +34% |
| 0 | 2.77 | 3.90 | +40% |
| 1 | 3.8 | 5.08 | +34% |
| 2 | 4.51 | 6.35 | +40% |




- 2) Petcryl retains its original tensile strength until the wound has achieved adequate stability. A comparison of "development of wound strength" vis-a-vis in vivo tensile strength of Petcryl establishes safety margin available during critical wound healing period. Petcryl retains its tensile strength of 75% on 14th day of implantation which makes it an ideal synthetic absorbable suture.
- 3) Petcryl is coated with non-toxic and bio-compatiable material called Polycaprolactone Calcium Stearate which facilitates smooth passage through tissues and firm knotting.
- 4) Petcryl is absorbed in the body by a simple hydrolytic mechanism which is predictable and reliable.

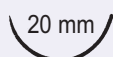
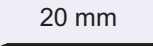
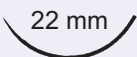
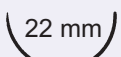


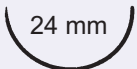


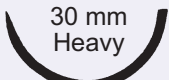
Material : Coated Polyglycolic Acid. Available in U.S. FDA approved Violet colour.




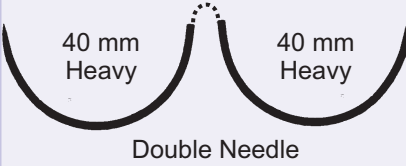


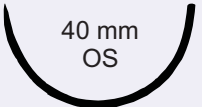
Tissue Reaction : Minimal tissue reaction.





Applications : General Closure, Ophthalmic, Orthopaedics, Obstetrics/Gynaecology & Gastrointestinal Tract Surgery.

Choice : Needled and Pre-cut sterile sutures conforming to USP standards.

| NEEDLE LENGTH | NEEDLE DESCRIPTION | SUTURE LENGTH | SUTURE SIZE IN USP | | | |
|---|-----------------------------------|---------------|--------------------|---------|----------|---------|
| | | | 6-0(0.7) | 5-0(1) | 4-0(1.5) | 3-0(2) |
|  8 mm 8 mm Double Needle | 1/4 circle micro point spatulated | 45 cm | FS 2670 | | | |
|  12 mm | 3/8 Circle Reverse Cutting | 45 cm | | FS 2493 | FS 2494 | FS 2495 |
|  16 mm | 3/8 Circle Cutting Prime | 45 cm | | FS 2442 | FS 2443 | FS 2471 |

| NEEDLE LENGTH | NEEDLE DESCRIPTION | SUTURE LENGTH | SUTURE SIZE IN USP | | | | |
|---|---------------------------------|-----------------|--------------------|----------|---------|----------|------------|
| | | | 4-0(1.5) | 3-0(2) | 2-0(3) | 1-0(3.5) | 1(4) |
|  20 mm | 1/2 Circle Round Bodied | 70 cm | FS 2304 | FS 2437 | | | |
|  20 mm | Straight Round body(SRS needle) | 45 cm | | | | | FS 2545 |
|  22 mm | 3/8 Circle Cutting | 45 cm | | FS 2401 | | | |
|  22 mm | 1/2 Circle Cutting | 90 cm | | FS 2472 | | | |
|  23 mm Heavy | 1/2 Circle Reverse cutting | 45 cm | | | | | FS 2826E |
|  24 mm | 5/8 circle reverse cutting | 45 cm | | | | | FS 2510 AD |
|  24 mm | 1/2 Circle Reverse cutting | 45 cm | | | | | FS 2510 |
|  26 mm | 3/8 Circle Reverse Cutting | 76 cm Undyed | | FS 2407U | | | |
|  30 mm | 1/2 Circle Round Bodied | 70 cm | | | FS 2341 | FS 2342 | |
| | | 90 cm | | | FS 2317 | FS 2338 | |
|  30 mm Heavy | 1/2 circle taper cutting | 45 cm | | | | | FS 2511 |

| NEEDLE LENGTH | NEEDLE DESCRIPTION | SUTURE LENGTH | SUTURE SIZE IN USP | | | |
|---|--|---------------|--------------------|----------|------------|------------|
| | | | 3-0(2) | 2-0(3) | 1-0(3.5) | 1(4) |
|  | 1/2 Circle Reverse cutting | 90 cm | | | FS 2534 | |
|  | 1/2 Circle Round Bodied | 70 cm | | | FS 2546 | |
| | | 90 cm | | FS 2345 | FS 2346 | |
| | | 115 cm | | | FS 2346 + | |
|  | 1/2 Circle Round Bodied | 70 cm | | | | FS 2359 |
| | | 90 cm | | | | FS 2347 |
| | | 115 cm | | | | FS 2347 + |
|  | 1/2 Circle Round Body and 1/2 Circle taper cutting | 160 cms | | | | FS 2160 |
| | | 140 cms | | | FS 2346 DA | FS 2347 DA |
|  | 1/2 Circle Reverse Cutting | 45 cm | | FS 2382S | | |
| | | 90 cm | | FS 2382 | | |
|  | 1/2 Circle Taper cutting | 45 cm | | | FS 2361 | |
| | | 90 cm | | | FS 2518 | |
| | | 115cm | | | FS 2518+ | |
|  | 1/2 Circle Reverse cutting | 90 cm | | | | FS 2421 |

| NEEDLE LENGTH | NEEDLE DESCRIPTION | SUTURE LENGTH | SUTURE SIZE IN USP | | |
|---|----------------------------|---------------|--------------------|----------|---------|
| | | | 2-0 | 1(4) | 2(5) |
|  <p>40 mm Heavy</p> | 1/2 Circle Taper cutting | 90 cm | | FS 2364 | |
|  <p>40 mm</p> | 1/2 Circle Reverse Cutting | 90 cm | FS 2382 | FS 2486 | FS 2351 |
|  <p>45 mm Heavy</p> | 1/2 Circle Round Bodied | 90 cm | | | FS 2228 |
|  <p>50 mm Heavy</p> | 1/2 Circle Round Bodied | 115 cm | | FS 2448+ | |

PRE-CUT SUTURES

| SUTURE LENGTH | PACKAGING | SUTURE SIZE IN USP | | |
|---------------|---|--------------------|---------|---------|
| | | 2-0 | 1-0 | 1 |
| 1 x 150 cm | PGA in sterile foil over wrap pack 150 cms Box of 12's pack | FS 2203 | FS 2204 | FS 2205 |