

Velosorb™ Fast Braided Synthetic Fast Absorbable Sutures

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|--------------------------|---|
| Description | <p>Velosorb™ Fast braided sutures are composed of an absorbable synthetic polyester comprised of glycolide and lactide (derived from glycolic and lactic acids). Velosorb™ Fast sutures are prepared by coating the suture with a mixture of a glycolide and lactide copolymer and calcium stearate. Velosorb™ Fast sutures are provided dyed and undyed.</p> <p>Velosorb™ Fast sutures meet all requirements established by the United States Pharmacopeia (USP) and the European Pharmacopeia (EP) for collagen sutures of the labeled USP size, except for minor variations in suture diameter.</p> |
| Indications | <p>Velosorb™ Fast sutures are indicated for use in soft tissue approximation of the skin and mucosa, where only 7-10 days of wound support is required, but not for use in ligation, ophthalmic, cardiovascular or neurological procedures.</p> |
| Actions | <p>Velosorb™ Fast sutures elicit a minimal acute inflammatory reaction in tissue, which is followed by a gradual encapsulation of the suture by fibrous connective tissue.</p> <p>Progressive loss of tensile strength and eventual absorption of Velosorb™ Fast sutures occurs by means of hydrolysis, where the glycolide/lactide copolymer is broken down to glycolic and lactic acids which are subsequently absorbed and metabolized by the body. Absorption begins as a loss of tensile strength without appreciable loss of mass. Studies indicate tensile strength averages for Velosorb™ sutures are no less than 45% of its original tensile strength 5 days post implantation. All of the original tensile strength is gone by 14 days. Absorption of Velosorb™ Fast sutures is essentially complete between the 40th and 50th day.</p> |
| Contraindication | <p>Velosorb™ Fast sutures, being absorbable, should not be used where extended approximation of tissue beyond 7 days is required.</p> |
| Warnings | <p>Do not resterilize. Sterile unless packaging has been opened or damaged. Discard open, unused sutures. Store at room temperature. Avoid prolonged exposure to elevated temperatures.</p> <p>In surgery of the urinary or biliary tracts, care should be taken to avoid prolonged contact of this, or any other, suture with salt solutions, as calculus formation may result.</p> <p>Users should be familiar with surgical procedures and techniques involving absorbable sutures before employing Velosorb™ sutures for wound closure, as the risk of wound dehiscence may vary with the site of application and the suture material used.</p> <p>As any foreign material in the presence of bacterial contamination may enhance bacterial infectivity, acceptable surgical practice must be followed with respect to drainage and closure of contaminated or infected wounds.</p> <p>The use of this suture may be inappropriate in patients with any conditions which, in the opinion of the surgeon, may cause or contribute to delayed wound healing.</p> <p>As this is an absorbable suture material, the use of supplemental nonabsorbable sutures should be considered by the surgeon in closure of the abdomen, chest, joints or other sites subject to expansion or requiring additional support.</p> |
| Precautions | <p>In handling this or any other suture material, care should be taken to avoid damage from handling. Avoid crushing or crimping damage due to application of surgical instruments, such as forceps or needle holders. Adequate knot security requires the accepted surgical technique of flat, square ties, with additional throws as warranted by surgical circumstance and the experience of the surgeon.</p> <p>Skin sutures which must remain in place longer than 7 days may cause irritation and should be snipped off or removed as indicated.</p> <p>Under some circumstances, notably orthopedic procedures, immobilization by external support may be employed at the discretion of the surgeon.</p> |
| Adverse Reactions | <p>Adverse effects, which may be associated with the use of this product, include: wound dehiscence, failure to provide adequate wound support in sites where expansion, stretching, or distention occur, failure to provide adequate wound support in patients with conditions which may delay wound healing, localized irritation when skin sutures are left in place greater than 7 days, calculi formation when prolonged contact with salt solutions occurs, enhanced bacterial infectivity, minimal acute inflammatory reaction, and transitory local irritation.</p> |
| How Supplied | <p>Velosorb™ Fast sutures are available in USP sizes 1 (4 Metric) through 6-0 (0.7 Metric). They are available dyed and undyed (natural). The sutures are supplied sterile, in pre-cut lengths or affixed to various needle types. The sutures are available in box quantities of one and three dozen.</p> |

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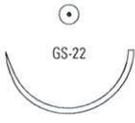
| Reverse Cutting | | | | | | | |
|--|------|---------------|-------------|--------|---------------|-------------|--------------|
| Description | Size | Size (Metric) | Length (cm) | Color | Units per box | Phasing-out | Reorder code |
| 3/8 CIRCLE 19 mm  | 5-0 | 1 | 45 | Undyed | 36 | | SV2910 |
| | 4-0 | 1.5 | 45 | Undyed | 36 | | SV2920 |
| | 4-0 | 1.5 | 75 | Undyed | 36 | | SV2297 |
| | 3-0 | 2 | 45 | Undyed | 36 | | SV2930 |
| | 3-0 | 2 | 75 | Undyed | 36 | | SV2298 |
| | 2-0 | 3 | 75 | Undyed | 36 | | SV2299 |
| 3/8 CIRCLE 24 mm  | 4-0 | 1.5 | 75 | Undyed | 36 | | SV2251 |
| | 3-0 | 2 | 45 | Undyed | 36 | | SV4431 |
| | 3-0 | 2 | 75 | Undyed | 36 | | SV2252 |
| | 2-0 | 3 | 75 | Undyed | 36 | | SV2253 |
| 3/8 CIRCLE 26 mm  | 3-0 | 2 | 75 | Undyed | 12 | | SV9940G |
| | 2-0 | 3 | 75 | Undyed | 12 | | SV9941G |
| 3/8 CIRCLE 30 mm  | 3-0 | 2 | 90 | Undyed | 36 | | SV2285 |
| | 2-0 | 3 | 90 | Undyed | 36 | | SV2286 |
| | 0 | 3.5 | 90 | Undyed | 36 | | SV2287 |
| 3/8 CIRCLE 39 mm  | 2-0 | 3 | 75 | Undyed | 12 | | SV9961G |

Velosorb™ Fast Braided Synthetic Fast Absorbable Sutures

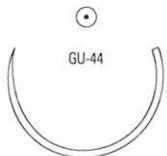
| Cosmetic Conventional Cutting | | | | | | | |
|--|------|---------------|-------------|--------|---------------|-------------|--------------|
| Description | Size | Size (Metric) | Length (cm) | Color | Units per box | Phasing-out | Reorder code |
| 3/8 CIRCLE 16 mm  | 6-0 | 0.7 | 75 | Undyed | 12 | | SV489G |
| | 5-0 | 1 | 45 | Undyed | 12 | | SV844G |
| | 4-0 | 1.5 | 45 | Undyed | 12 | | SV845G |
| | 4-0 | 1.5 | 75 | Undyed | 12 | | SV488G |
| | 3-0 | 2 | 75 | Undyed | 12 | | SV487G |

| Taper Point | | | | | | | |
|--|------|---------------|-------------|--------|---------------|--------------------|--------------|
| Description | Size | Size (Metric) | Length (cm) | Color | Units per box | Phasing-out | Reorder code |
| 1/2 CIRCLE 17 mm  | 5-0 | 1 | 75 | Undyed | 36 | | CV1213 |
| | 4-0 | 1.5 | 75 | Undyed | 36 | | CV1214 |
| | 3-0 | 2 | 75 | Undyed | 36 | | CV1215 |
| 1/2 CIRCLE 22 mm  | 4-0 | 1.5 | 75 | Undyed | 36 | Surgalloy Optimis™ | CV3100 |
| | 3-0 | 2 | 75 | Undyed | 36 | Surgalloy Optimis™ | CV3110 |
| | 2-0 | 3 | 75 | Undyed | 36 | | CV3120 |
| 1/2 CIRCLE 26 mm  | 4-0 | 1.5 | 75 | Undyed | 36 | | CV415 |
| | 3-0 | 2 | 75 | Undyed | 12 | | CV416G |
| | 2-0 | 3 | 75 | Undyed | 12 | | CV417G |
| | 0 | 3.5 | 75 | Undyed | 36 | | CV418 |

Velosorb™ Fast Braided Synthetic Fast Absorbable Sutures

| Taper Point | | | | | | | |
|--|------|---------------|-------------|--------|---------------|-------------|--------------|
| Description | Size | Size (Metric) | Length (cm) | Color | Units per box | Phasing-out | Reorder code |
| 1/2 CIRCLE 27 mm  | 2-0 | 3 | 75 | Undyed | 36 | | CV55 |
| | 0 | 3.5 | 75 | Undyed | 36 | | CV56 |
| | 1 | 4 | 75 | Undyed | 36 | | CV57 |
| 1/2 CIRCLE 30 mm  | 0 | 3.5 | 75 | Undyed | 36 | | CV318 |
| | 1 | 4 | 75 | Undyed | 36 | | CV319 |
| 1/2 CIRCLE 34 mm  | 2-0 | 3 | 75 | Undyed | 12 | | CV9975G |
| 1/2 CIRCLE 34 mm H  | 1 | 4 | 90 | Undyed | 36 | | CV1696 |
| 1/2 CIRCLE 37 mm  | 3-0 | 2 | 75 | Undyed | 36 | | CV322 |
| | 3-0 | 2 | 90 | Undyed | 36 | | CV944 |
| | 2-0 | 3 | 75 | Undyed | 36 | | CV323 |
| | 2-0 | 3 | 90 | Undyed | 36 | | CV945 |
| | 0 | 3.5 | 75 | Undyed | 36 | | CV1324 |
| | 0 | 3.5 | 90 | Undyed | 36 | | CV946 |
| | 1 | 4 | 90 | Undyed | 36 | | CV947 |

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| Taper Point | | | | | | | |
|--|------|---------------|-------------|--------|---------------|-------------|--------------|
| Description | Size | Size (Metric) | Length (cm) | Color | Units per box | Phasing-out | Reorder code |
| 1/2 CIRCLE 40 mm  GS-24 | 2-0 | 3 | 90 | Undyed | 36 | | CV9592 |
| | 0 | 3.5 | 90 | Undyed | 36 | | CV9591 |
| | 1 | 4 | 90 | Undyed | 36 | | CV9590 |
| 1/2 CIRCLE 48 mm  GS-25 | 2-0 | 3 | 90 | Undyed | 36 | | CV606 |
| | 0 | 3.5 | 90 | Undyed | 36 | | CV604 |
| | 1 | 4 | 90 | Undyed | 36 | | CV605 |
| 5/8 CIRCLE 37 mm  GU-45 | 2-0 | 3 | 75 | Undyed | 36 | | UV412 |
| | 1 | 4 | 90 | Undyed | 36 | | UV401 |
| 5/8 CIRCLE 40 mm  GU-44 | 0 | 3.5 | 75 | Undyed | 36 | | UV1381 |
| | 1 | 4 | 75 | Undyed | 36 | | UV1382 |

CAPROSYN™ POLYGLYTON™, 6211 Monofilament Absorbable Sutures

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|--------------------------|---|
| Description: | Caprosyn™ monofilament synthetic absorbable sutures are prepared from POLYGLYTON™ 6211 synthetic polyester which is composed of glycolide, caprolactone, trimethylthelene carbonate, and lactide |
| Indications: | Caprosyn™ synthetic absorbable sutures are indicated for use in general soft tissue approximation and/or ligation but not for use in cardiovascular or neurological surgery, microsurgery, or ophthalmic surgery. |
| Actions: | Caprosyn™ synthetic absorbable sutures elicit a minimal acute inflammatory reaction in tissues, which is followed by gradual encapsulation of the suture by fibrous connective tissue. Progressive loss of tensile strength and eventual absorption of Caprosyn™ synthetic absorbable sutures occurs by means of hydrolysis. |
| Tensile Strength: | Subcutaneous tissue implantation studies in animals indicate that Caprosyn™ synthetic absorbable sutures retain a minimum of 50%-60% USP and EP knot strength at 5 days post-implantation, and a minimum of 20%-30% of USP and EP knot strength at 10 days post-implantation. All of the original tensile strength is essentially lost by 21 days post-implantation. |
| Sterilization: | Ethylene oxide. |
| Absorption: | Absorption begins as a loss of tensile strength without appreciable loss of mass. Absorption of Caprosyn™ synthetic absorbable sutures is essentially complete by 56 days. |
| Packaging: | Caprosyn™ synthetic absorbable sutures are available undyed (natural) in U.S.P. and E.P. sizes 2-0 (3 Metric) through 6-0 (0.7 Metric). The sutures are supplied sterile, in pre-cut lengths affixed to various needle types using permanent needle attachment techniques. Please refer to the individual package IFUs for complete instructions, indications, contraindications, warnings and precautions. |

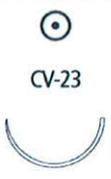
CAPROSYN™ POLYGLYTON™, 6211 Monofilament Absorbable Sutures

| Non Needed | | | | | | | |
|-----------------|------|---------------|-------------|--------|---------------|-----------------|--------------|
| Description | Size | Size (Metric) | Length (cm) | Color | Units per box | Comments | Reorder code |
| STANDARD LENGTH | 3-0 | 2 | 150 | UNDYED | 24 | STANDARD LENGTH | C212 |
| | | | | | | | |

| Reverse Cutting | | | | | | | |
|--|------|---------------|-------------|--------|---------------|------------|--------------|
| Description | Size | Size (Metric) | Length (cm) | Color | Units per box | Comments | Reorder code |
| C-13 3/8 Circle 19mm  | 2-0 | 3 | 75 | UNDYED | 36 | | SC693 |
| | 3-0 | 2 | 75 | UNDYED | 36 | | SC692 |
| | 3-0 | 2 | 45 | UNDYED | 12 | | SC694G |
| | 4-0 | 1.5 | 75 | UNDYED | 36 | | SC691 |
| | 4-0 | 1.5 | 45 | UNDYED | 12 | | SC690G |
| | 5-0 | 1 | 45 | UNDYED | 36 | | SC3634 |
| C-14 3/8 Circle 24mm  | 3-0 | 2 | 75 | UNDYED | 12 | Surgalloy™ | SC693G |
| | | | | | | | |
| C-15 3/8 Circle 26mm  | 2-0 | 3 | 75 | UNDYED | 36 | | SC586 |
| | 3-0 | 2 | 75 | UNDYED | 36 | | SC587 |
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CAPROSYN™ POLYGLYTON™, 6211 Monofilament Absorbable Sutures

Taper Point

| Description | Size | Size (Metric) | Length (cm) | Color | Units per box | Comments | Reorder code |
|---|------|---------------|-------------|--------|---------------|------------|--------------|
| CV-23 1/2 Circle 17mm  | 3-0 | 2 | 75 | UNDYED | 36 | Surgalloy™ | UC204 |
| | 4-0 | 1.5 | 75 | UNDYED | 36 | Surgalloy™ | UC203 |
| | 4-0 | 1.5 | 75 | VIOLET | 36 | Surgalloy™ | UC214 |
| | 5-0 | 1 | 75 | UNDYED | 36 | Surgalloy™ | UC202 |
| CV-25 1/2 Circle 22mm  | 3-0 | 2 | 75 | UNDYED | 36 | Surgalloy™ | UC404 |
| | 4-0 | 1.5 | 75 | UNDYED | 36 | Surgalloy™ | UC403 |
| GS-23 1/2 Circle 22mm  | 2-0 | 3 | 75 | UNDYED | 36 | | UC863 |
| V-20 1/2 Circle 26mm  | 0 | 3.5 | 75 | UNDYED | 36 | Surgalloy™ | GC124 |
| | 2-0 | 3 | 75 | VIOLET | 36 | Surgalloy™ | GC323 |
| | 2-0 | 3 | 75 | UNDYED | 36 | Surgalloy™ | GC123 |
| | 3-0 | 2 | 75 | VIOLET | 36 | Surgalloy™ | GC322 |
| | 3-0 | 2 | 75 | UNDYED | 36 | Surgalloy™ | GC122 |
| | 4-0 | 1.5 | 75 | UNDYED | 36 | Surgalloy™ | GC121 |
| | 4-0 | 1.5 | 75 | VIOLET | 36 | Surgalloy™ | GC321 |
| | 4-0 | 1.5 | 75 | VIOLET | 36 | Surgalloy™ | GC321 |
| GS-22 1/2 Circle 27mm  | 1 | 4 | 75 | UNDYED | 36 | | CC885 |
| | 0 | 3.5 | 75 | UNDYED | 36 | | CC884 |
| | 0 | 3.5 | 75 | VIOLET | 36 | | CC831 |
| | 2-0 | 3 | 75 | VIOLET | 36 | | CC830 |
| | 2-0 | 3 | 75 | UNDYED | 36 | | CC883 |
| | 2-0 | 3 | 75 | UNDYED | 36 | | CC883 |

Steel 316L Stainless Steel Monofilament Non-Absorbable Sutures

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| Description: | Stainless steel sutures are composed of 316L Stainless steel conforming to ASTM Standard F138 Grade 2 "Stainless steel bar and wire for surgical implants". Steel sutures meet all requirements established by the United States Pharmacopeia (USP) and European Pharmacopeia (EP) for nonabsorbable surgical sutures. |
| Characteristics: | Steel sutures are the most inert among all suture materials and provide maximum tensile strength. |
| Indications: | Steel sutures are indicated for use in abdominal wound closure, intestinal anastomosis, hernia repair, sternal closure and also for certain orthopedic procedures (cerclage or tendon repair). |
| Actions: | Steel sutures elicit a minimal acute inflammatory reaction in tissue, and are not absorbed. |
| Tensile Strength: | Permanent. |
| Sterilization: | Ethylene oxide or gamma irradiation. |
| Packaging: | Steel sutures are available in monofilament strands in USP and EP sizes 6-0 (0.7 metric) through 7 (9 metric). The sutures are supplied sterile in pre-cut lengths, non-needled or affixed to needles using permanent needle attachment techniques or Roto-grip™ needles; in one and three dozen box quantities. |

Steel 316L Stainless Steel Monofilament Non-Absorbable Sutures

| Non Needed | | | | | | | |
|----------------|------|---------------|-------------|-------|---------------|-------------|--------------|
| Description | Size | Size (Metric) | Length (cm) | Color | Units per box | Phasing-out | Reorder code |
| Pre-Cut Suture | 2-0 | 3 | 12x45 | | 12 | | 8886240753 |
| | 0 | 3.5 | 12x45 | | 12 | | 8886240763 |
| | 1 | 4 | 6x45 | | 12 | | 8886240873 |
| | 2 | 5 | 6x45 | | 12 | | 8886240883 |

| Reverse Cutting | | | | | | | |
|--|------|---------------|-------------|-------|---------------|-------------|--------------|
| Description | Size | Size (Metric) | Length (cm) | Color | Units per box | Phasing-out | Reorder code |
| 1/2 CIRCLE 26 mm  | 3-0 | 2 | 50 | | 36 Roto-grip™ | | 8886243141 |
| 1/2 CIRCLE 40 mm  | 2 | 5 | 5x45 | | 12 | | 8886241383 |
| 1/2 CIRCLE 48 mm  | 2 | 5 | 2x45 | | 12 Roto-grip™ | | 8886242083 |
| | 4 | 6 | 2x45 | | 12 Roto-grip™ | | 8886242009 |