

covetrus 



Suture Essentials

2019



Henry Schein Maxima Suture Products



Henry Schein Maxima Suture Range offers:

- **Best value by giving you:**

High quality, human grade suture material.
Significant discount versus the brand names.

Available exclusively to the veterinary market through Covetrus.



Henry Schein Maxima Suture Products

Best value sutures

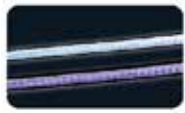
The Henry Schein Maxima suture range, available exclusively to the veterinary market through Covetrus, was created to give veterinarians an economical, high quality line of sutures. Their approach is to offer suture products that are as similar as possible to the products most widely used by veterinarians and to offer them at an affordable price. All their sutures are made in the USA by a leading, high quality manufacturer, and their needles are made in Japan by a world leading needle manufacturer.

Quality products

- Henry Schein Maxima sutures meet or exceed the current USP standards and industry standards for sutures and other medical devices.
- The suture materials and needles used in all Henry Schein Maxima sutures are also used in the human market in demanding applications such as cardiovascular surgery, plastic surgery, orthopedics and dentistry.
- The suture material is recognised as having a smooth feel and consistent thickness according to USP standards.
- All swaged sutures are packaged to minimise the “memory” of the suture material, making it easier to handle and tie. Most of the residual “memory” can be eliminated by holding each end of the suture and giving it a little tug.
- All suture needles have a hole drilled into the back end of the needle in which the suture is inserted and the needle swaged. This prevents any sharp edges or distortions at the end of the needle.
- All suture needles utilise 300 Series Stainless Steel which is less likely to fracture during use.
- All sutures are manufactured under quality system regulations according to ISO13485 and are CE marked (where applicable).

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Absorbable Suture



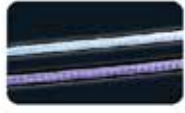
PGA

Coated braided Polyglycolic Acid synthetic absorbable suture



PGP

PGCL 25 monofilament synthetic absorbable suture



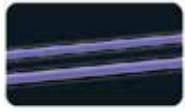
PGA PLUS

Braided Polyglycolic Acid synthetic absorbable suture with antibacterial coating



CHROMIC CATGUT

Chromic treated natural absorbable suture



PDO

Monofilament Polydioxanone synthetic absorbable suture

Product name	Suture material	Suture type	Physical feature	Colour	Coated	Braided	Breaking strength	Absorption rate
PGA violet	Polyglycolic Acid	Synthetic Absorbable	Multifilament	violet	x	x	83% @ 14 days 52% @ 21 days 20% @ 28 days	60-90 days
PGA Plus	Polyglycolic Acid antibacterial	Synthetic Absorbable	Multifilament	violet	x	x	83% @ 14 days 52% @ 21 days 20% @ 28 days	60-90 days
PGP	PGCL 25 (Polyglecaprone)	Synthetic Absorbable	Monofilament	violet			70% @ 7 days 40% @ 14 days 12% @ 21 days	91-120 days
PDO	Polydioxanone	Synthetic Absorbable	Monofilament	violet			75% @ 14 days 66% @ 28 days 53% @ 42 days	180-220 days
Chromic Catgut	Chromic catgut	Natural Absorbable	Twisted	brown			variable*	generally 21-42 days

Non-absorbable Suture



POLYESTER

Coated braided multifilament nonabsorbable suture



SUPRAMID

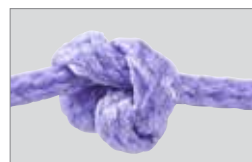
Monofilament nylon non-absorbable suture



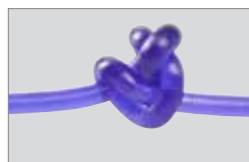
NYLON

Monofilament nylon non-absorbable suture

Product name	Suture material	Suture type	Physical feature	Colour	Coated	Braided
Polyester green	Polyethylene terephthalate	Synthetic Non-absorbable	Multifilament	green	x	x
Polyester white	Polyethylene terephthalate	Synthetic Non-absorbable	Multifilament	white	x	x
Nylon blue	Dyed Nylon	Synthetic Non-absorbable	Pseudo-Monofilament	blue		x
Supramid	Undyed Nylon	Synthetic Non-absorbable	Pseudo-Monofilament	white		x
Silk	Silk	Natural Non-absorbable	Multifilament	black	x	x



Multifilament, braided



Monofilament



Pseudo-monofilament



Twisted multifilament with a monofilament appearance

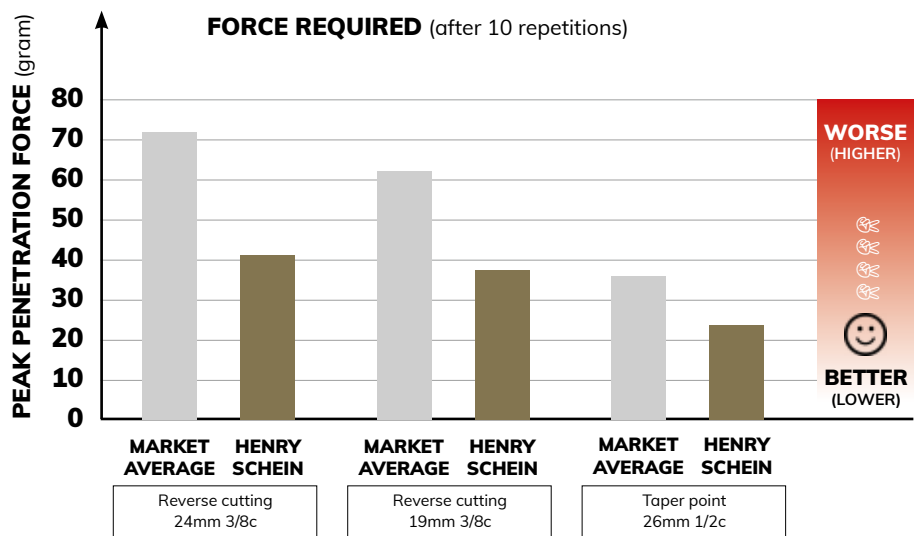


Needles

Henry Schein Maxima needles

The goal is to reduce needle trauma by using needles that are sharper than the market average (lesser force required)*.

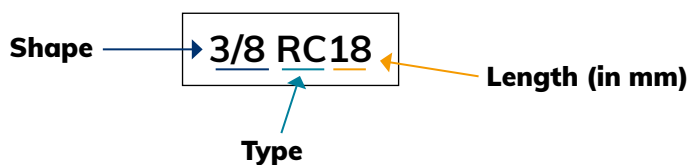
*internal study



Henry Schein needles are silicone-coated to allow smoother tissue passage and stay sharp over multiple penetrations. They are processed to make the steel harder while retaining high tensile strength. This gives very good durability, flexibility, sharp points and blades. Allowing the vet to use less force on the tissue reduces any concerns the needle might break while closing up. The sharpness, profile and smooth transition from needle to suture will enhance every closure.

- 300 series stainless steel needles give finer point geometry for superior penetration
- Strong enough to resist bending, yet ductile enough to resist breaking
- Laser drilled to ensure smooth transition from needle to suture material
- Silicone-coated needle ensures smoother tissue passage and stays sharp over multiple penetrations
- Significant cost savings compared to the leading brand

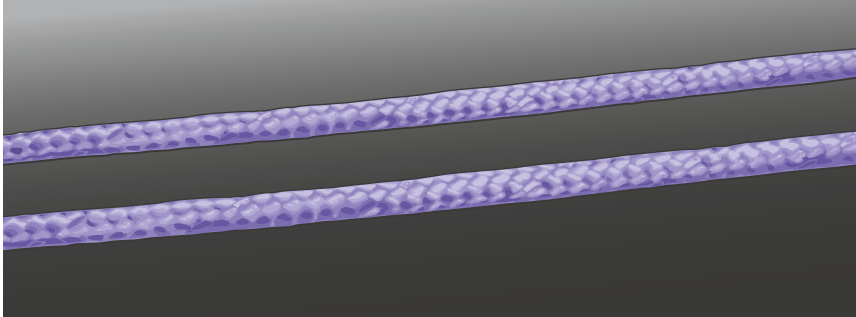
Needlecode explanation



Shape	Needle Type	Point Geometry	Description	Indication
Straight	Reverse cutting RC		Triangular point with cutting edge on the outer curvature.	Skin closure, retention sutures, subcutaneous, ligamentous or fibrous tissues.
3/8 Circle	Taper point TP		Round shaft, straight or curved, tapered point with no cutting edge.	Soft tissue closure such as fascia, vascular, gastrointestinal, and most soft tissue below the skin.
1/2 Circle				

PGA

Braided, coated, Polyglycolic Acid (PGA), synthetic absorbable suture



	Material	Colour(s)	(BSR) Profile	Absorption rate
PGA	Braided	Violet	83% @ 14 days 52% @ 21 days 20% @ 28 days	60-90 days

DESCRIPTION

PGA is a coated, braided, synthetic absorbable surgical suture, composed of Polyglycolic Acid (PGA) and is dyed using FDA-approved colour additives. The suture is coated with polycaprolactone and calcium stearate.

CHARACTERISTICS

- Excellent tensile strength throughout the critical wound healing period
- Excellent knot security
- Excellent handling
- Predictable absorption profile

INDICATIONS

PGA is indicated for use in general soft tissue approximation and/or ligation, including use in ophthalmic procedures, but not for use in cardiovascular and neurological procedures.

CONTRAINDICATIONS



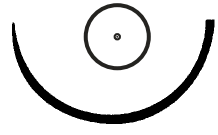
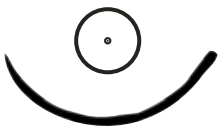
Due to rapid loss of tensile strength, this suture should not be used where extended approximation of tissue under stress is required or where wound support beyond seven days is required. PGA is not suitable for cardiovascular or neurological surgical procedures.

TENSILE STRENGTH

Subcutaneous tissue implantation studies in rats indicate PGA suture approximately retains 65% of the original tensile strength at two weeks post implantation.

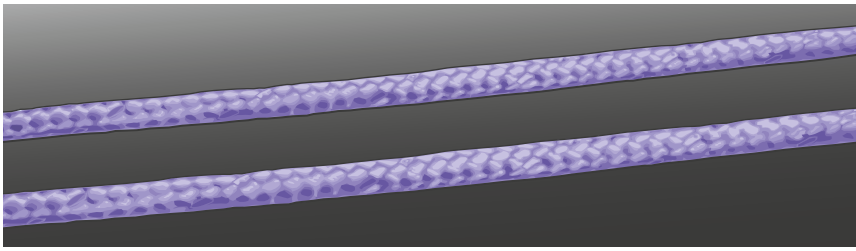
ABSORPTION

Absorption begins as a loss of tensile strength without appreciable loss of mass. Absorption of PGA sutures is essentially complete between 60 and 90 days.

Itemcode	Shape of needle	Needlecode	Needle length mm	EP (metric)	USP	Length in cm	Suture colour	Content per SKU
9882310	3/8 circle, reverse cutting 	3/8RC19	19	2	3-0	75	Violet	12
9882311		3/8RC24	24	3	2-0	75	Violet	12
9882312		3/8RC26	26	2	3-0	70	Violet	12
9882313		3/8RC30	30	3	2-0	75	Violet	12
9882314		3/8RC30	30	3.5	0	75	Violet	12
9882315		3/8RC36	36	4	1	75	Violet	12
9882300	1/2 circle, reverse cutting 	1/2RC26	26	2	3-0	75	Violet	12
9882301		1/2RC26	26	3	2-0	75	Violet	12
9882302		1/2RC30	30	3	2-0	75	Violet	12
9882303		1/2RC30	30	4	1	75	Violet	12
9882304		1/2RC36	36	3	2-0	90	Violet	12
9882305		1/2RC36	36	3.5	0	90	Violet	12
9882307		1/2RC40	40	4	1	90	Violet	12
9882308		1/2RC40	40	5	2	90	Violet	12
9882309		1/2RC48	48	5	2	90	Violet	12
9882317	1/2 circle, round bodied, taper point 	1/2TP22	22	3	2-0	75	Violet	12
9882318		1/2TP26	26	2	3-0	75	Violet	12
9882319		1/2TP26	26	3	2-0	75	Violet	12
9882322	3/8 circle, round bodied, taper point 	3/8TP26	26	3.5	0	75	Violet	12
9882323		3/8TP32	32	3	2-0	75	Violet	12
9882324		3/8TP36	36	4	1	75	Violet	12
9882325	without needle			2	3-0	150	Violet	12
9882326				3	2-0	150	Violet	12
9882327				3.5	0	150	Violet	12
9882328				4	1	150	Violet	12
9882329				5	2	150	Violet	12
9882331				7	5	150	Violet	12

PGAPLUS

Antibacterial-coated, braided Polyglycolic Acid (PGA), synthetic absorbable suture



	Material	Colour(s)	(BSR) Profile	Absorption rate
PGAPLUS	Braided	Violet	83% @ 14 days 52% @ 21 days 20% @ 28 days	60-90 days

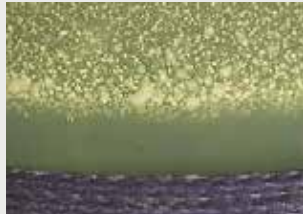
- **PGA PLUS** provides the same feel, handling and performance of the PGA product, but with the added assurance of antibacterial protection.
- **PGA PLUS** is coated with the proven anti-bacterial agent, chlorhexidine diacetate, that results in a zone of inhibition around the suture line (see photos).
- This agent is recognized as being effective against bacteria such as *Staphylococcus aureus*, *Staphylococcus epidermidis*, MRSA and MRSE.

DESCRIPTION


PGA PLUS is an antibacterial-coated, braided, synthetic absorbable surgical suture, composed of Polyglycolic Acid (PGA). The suture is coated with polycaprolactone, calcium stearate, and chlorhexidine diacetate.
VETERINARY USE ONLY

CHARACTERISTICS

- Excellent tensile strength throughout the critical wound healing period
- Excellent knot security
- Excellent handling
- Predictable absorption profile

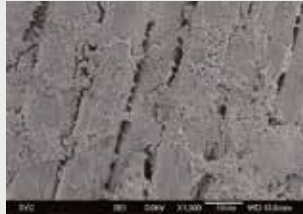


MRSE - size 2/0

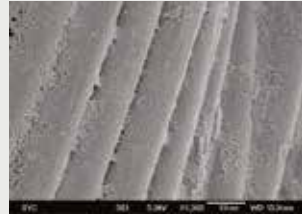


S. aureus - size 2/0

Photos of PGA PLUS suture creating a zone of inhibition in vitro, reducing Staph aureus & MRSE bacterial colonization.





PGA without antibacterial coating



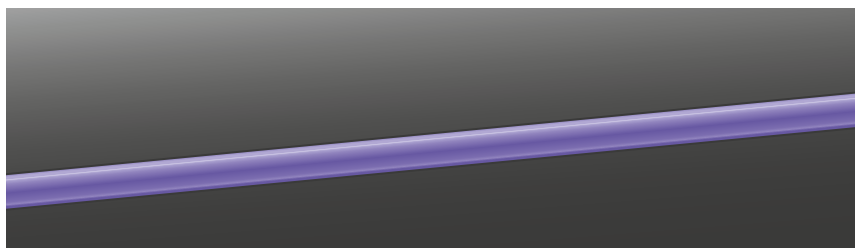
PGA Plus with antibacterial coating

Photos of PGA and PGA PLUS product exposed to MRSE for 24 hours, magnification x1500.

Itemcode	Shape of needle	Needlecode	Needle length mm	EP (metric)	USP	Length in cm	Suture colour	Content per SKU
9882341	3/8 circle, reverse cutting 	3/8RC19	19	1.5	4-0	70	Violet	12
9882342		3/8RC19	19	2	3-0	70	Violet	12
9882343		3/8RC24	24	2	3-0	70	Violet	12
9882344		3/8RC24	24	3	2-0	70	Violet	12
9882345		3/8RC30	30	3	2-0	70	Violet	12
9882347	1/2 circle, round bodied, taper point 	1/2TP17	17	1.5	4-0	70	Violet	12
9882348		1/2TP22	22	1.5	4-0	70	Violet	12
9882349		1/2TP22	22	2	3-0	70	Violet	12
9882350		1/2TP22	22	3	2-0	70	Violet	12
9882352	without needle			2	3-0	2x70	Violet	12
9882356				5	2	2x70	Violet	12

PGP

Monofilament Poly(glycolide-co-caprolactone) 25 (PGCL) synthetic absorbable suture



	Material	Colour(s)	(BSR) Profile	Absorption rate
PGP (PGCL)	Monofilament	Violet	70% @ 7 days 40% @ 14 days 12% @ 21 days	91-120 days

DESCRIPTION

PGP (PGCL) is a synthetic absorbable monofilament surgical suture, composed of poly(glycolide-co-caprolactone) (PGCL). PGCL synthetic absorbable monofilament sutures are available dyed with FD&C violet #2. PGCL synthetic absorbable monofilament suture meets all requirements established by the United States Pharmacopoeia (U.S.P.), except for diameter.

CHARACTERISTICS

- Excellent holding strength
- Smooth tissue passage; excellent handling, exceptional suppleness, and good knot security
- Non-wicking material helps prevent bacterial migration along the suture line

INDICATIONS

PGP (PGCL) synthetic absorbable monofilament sutures are indicated for use in soft tissue approximation and/or ligation, but not for use in cardiovascular or neurological surgery, microsurgery, or ophthalmic surgery.

CONTRAINDICATIONS

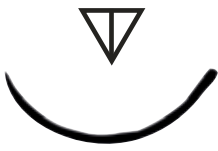

These sutures, being absorbable, are not to be used where extended approximation of tissue is required. The use of this suture may be inappropriate in elderly, malnourished, and debilitated animals, or any animals suffering from conditions that may delay wound healing. Not for use in cardiovascular or neurological surgery, microsurgery or ophthalmic surgery. See instructions for use for adverse reactions.

TENSILE STRENGTH

Implantation studies in animals indicate that PGCL suture retains approximately 70% of its original tensile strength at seven days post implantation, approximately 40% of its original tensile strength at 14 days, and approximately 12% at 21 days post implantation.

ABSORPTION

Absorption begins as a loss of tensile strength without appreciable loss of mass. Absorption of PGP is essentially complete between 91 and 120 days.

Itemcode	Shape of needle	Needlecode	Needle length mm	EP (metric)	USP	Length in cm	Suture colour	Content per SKU
9882357	3/8 circle, reverse cutting 	3/8RC19	19	1	5-0	70	Violet	12
9882358		3/8RC19	19	1.5	4-0	70	Violet	12
9882359		3/8RC19	19	2	3-0	70	Violet	12
9882360		3/8RC24	24	2	3-0	70	Violet	12
9882362		3/8RC24	24	3	2-0	70	Violet	12
9882361		3/8RC26	26	2	3-0	70	Violet	12
9882363		3/8RC30	30	3	2-0	70	Violet	12
9882364	1/2 circle, round bodied, taper point 	1/2TP17	17	1.5	4-0	70	Violet	12
9882365		1/2TP22	22	1.5	4-0	70	Violet	12
9882366		1/2TP22	22	2	3-0	70	Violet	12
9882367		1/2TP26	26	3	2-0	70	Violet	12

Associated Productline

Needle holder

Olsen Hegar

Maxima Line: Germany stainless steel top quality

- 1001395 Maxima Needle Holder Olsen-Hegar 14cm
- 1029182 Maxima Needle Holder Olsen Hegar 17cm
- 9008688 Maxima Needle Holder Olsen Hegar 19cm

Standard Line:

- 1001125 Needle Holder Olson-Hegar 14cm
- 1003586 Needle Holder Olson-Hegar 17cm
- 1004564 Needle Holder Olson-Hegar 19cm

Mayo-Hegar

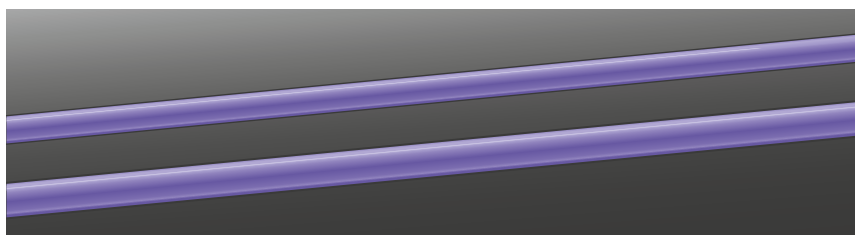
Standard Line:

- 1000959 Needle Holder Mayo Hegar 13cm
- 1002570 Needle Holder Mayo Hegar 15cm
- 1008192 Needle Holder Mayo Hegar 18cm



PDO

Monofilament Polydioxanone (PDO) synthetic absorbable suture



	Material	Colour(s)	(BSR) Profile	Absorption rate
PDO	Monofilament	Violet	75% @ 14 days 66% @ 28 days 53% @ 42 days	180-220 days

DESCRIPTION

PDO is a polydioxanone monofilament synthetic sterile surgical suture and is prepared from poly-p-dioxanone.

CHARACTERISTICS

Polydioxanone (PDO) exhibits:

- Extended holding strength
- Excellent handling, exceptional suppleness, and good knot security
- Non-wicking, which helps reduce bacterial migration along the suture line
- FDA-approved D&C violet No. 2 colour for better visibility during surgery

INDICATIONS

Monofilament Polydioxanone synthetic absorbable suture is indicated for use in soft tissue approximation and/or ligation, including use in paediatric cardiovascular and ophthalmic procedures. Polydioxanone suture is not indicated in adult cardiovascular tissue, microsurgery, and neurological tissue. This suture is particularly useful when the combination of an absorbable suture and extended wound support is desired.

CONTRAINDICATIONS



These sutures, being absorbable, are not to be used where prolonged (beyond six weeks) approximation of tissue under stress is required and are not to be used in conjunction with prosthetic devices, i.e. heart valves, or synthetic grafts. Polydioxanone suture is not indicated in adult cardiovascular tissue, microsurgery and neural tissue.

TENSILE STRENGTH

Subcutaneous tissue implantation studies in rats indicate PDO suture retains approximately 75% of initial tensile strength at two weeks, 66% at four weeks and 53% at six weeks post implantation.

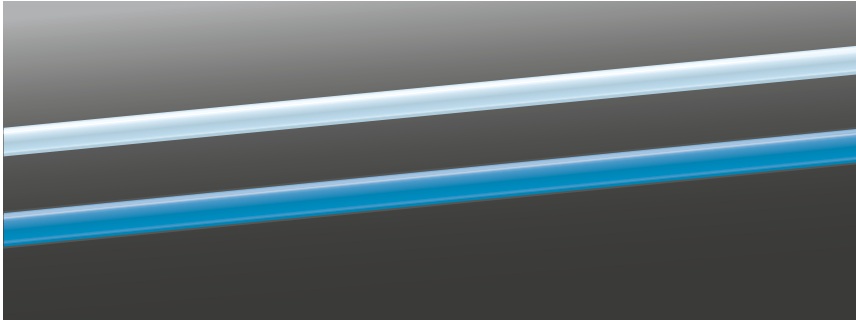
ABSORPTION

Absorption begins as a loss of tensile strength without appreciable loss of mass. Absorption of PDO sutures is minimal until about the 90th day post implantation and is essentially complete within six months.

Itemcode	Shape of needle	Needlecode	Needle length mm	EP (metric)	USP	Length in cm	Suture colour	Content per SKU
9882380	 <p>3/8 circle, reverse cutting</p>	3/8RC12	12	1	5-0	75	Violet	12
9882381		3/8RC19	19	1.5	4-0	75	Violet	12
9882382		3/8RC24	24	2	3-0	75	Violet	12
9882383		3/8RC24	24	3	2-0	75	Violet	12
9882384		3/8RC24	24	3.5	0	75	Violet	12
9882385	 <p>1/2 circle, round bodied, taper point</p>	1/2TP22	22	1.5	4-0	75	Violet	12
9882386		1/2TP26	26	2	3-0	75	Violet	12
9882387		1/2TP30	30	3	2-0	75	Violet	12
9882388		1/2TP36	36	3.5	0	75	Violet	12
9882389		1/2TP48	48	4	1	75	Violet	13

Nylon / Supramid

Nylon monofilament
non-absorbable suture



DESCRIPTION

Nylon / Supramid sutures are non-absorbable, sterile surgical sutures composed of the long-chain aliphatic polymers Nylon type 6 or Nylon type 6/6. Monofilament nylon sutures are dyed blue (FD&C Blue No.2), Supramid are braided white (undyed).

CHARACTERISTICS

Nylon exhibits:

- Uniform diameter of the suture
- Maximum flexibility of the strand
- Excellent and consistent knot security
- Minimal memory

INDICATIONS

Nylon / Supramid sutures are indicated for use in general soft tissue approximation and/or ligation, including use in cardiovascular, ophthalmic, and neurological procedures.

CONTRAINDICATIONS

Due to the gradual loss of tensile strength that may occur over prolonged periods in vivo, nylon surgical sutures should not be used where permanent retention of tensile strength is required.

TENSILE STRENGTH

As with any nylon / supramid suture, though not absorbed, progressive hydrolysis of the suture in vivo may result in gradual loss of tensile strength over time. Nylon suture should not be used where permanent retention of tensile strength is required.

Colour(s)

Blue / White

Itemcode	Shape of needle	Needlecode	Needle length mm	EP (metric)	USP	Length in cm	Suture colour	Content per SKU
9882369		19	19	1.5	4-0	75	Blue	12
9882370		19	19	2	3-0	75	Blue	12
9882371		24	24	2	3-0	75	Blue	12
9882372		24	24	3	2-0	75	Blue	12
9882373		30	30	3	2-0	75	Blue	12
9882374		30	30	3.5	0	75	Blue	12
		SUPRAMID						
9882377		19	19	2	3-0	75	White	12
9882378		24	24	2	3-0	75	White	12
9882379		24	24	3.5	0	75	White	12
9882375		20	20	2	3-0	75	Blue	12
9882376		20	20	3	2-0	75	Blue	12

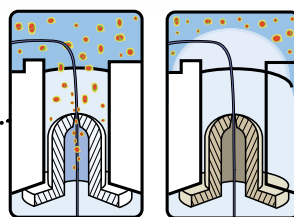
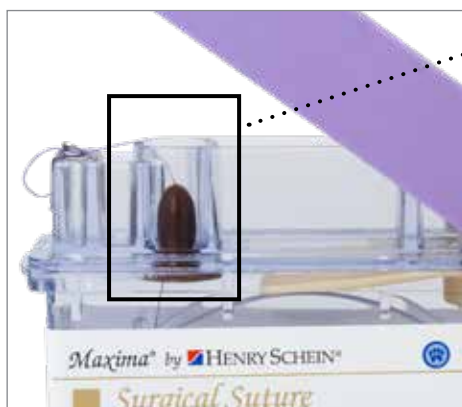
Spool Sutures

Henry Schein Maxima suture spools provide a continuous length of suture for large animal or frequent surgeries. The manufacturer employs strict control systems to ensure a consistent high quality, and reliable supply of suture.

The spool was designed to address both the economic needs of the veterinarian in the clinic as well as the practical needs of the veterinarian in the field. When combined with a stainless steel spool rack, veterinarians have a convenient unit that provides a complete range of surgical sutures at their fingertips. If the veterinarian needs to perform a procedure in the field, the cassette can slide easily into a trouser or coat pocket, making it convenient to carry the amount of suture they need.

Benefits:

- More economical than swaged suture
- Smoothly dispenses the suture without kinking
- Small compact design sets in most spool racks
- Completely portable, fits into a pocket



without SilSafe™ with SilSafe™

SutureVet Cassettes with SilSafe™ Technology

SilSafe™ technology utilizes silver ions which have antimicrobial properties.

HINGED FLIP-TOP LID
For suture protection

BUILT-IN CUTTER



SMALL COMPACT DESIGN
Perfect size to fit into your pocket for use in the field or on the go

SILVER ADDITIVE

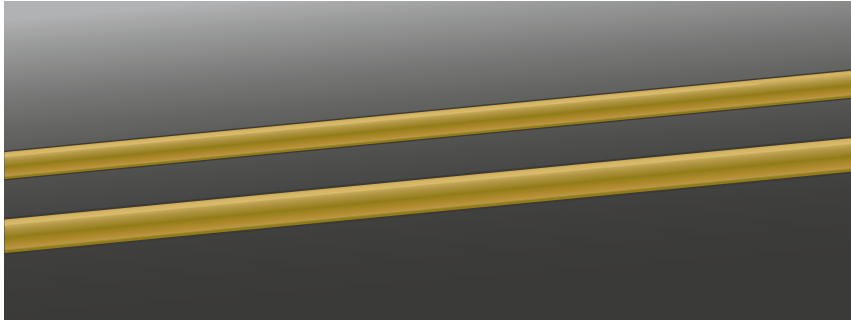
Silver, which has antimicrobial properties, was added to the spool nipple to help reduce risk of cross contamination and minimize bacterial migration (wicking)

VETERINARY USE ONLY

NOTE: FOR ALL SYNTHETIC ABSORBABLE SUTURE CASSETTES:
Once the foil pouch has been opened, note the date on the back of the cassette in the designated area. PDO suture must be used within 60 days and PGA suture must be used within 90 days.

Chromic Catgut

Twisted gut natural absorbable suture



	Material	Colour(s)	(BSR) Profile	Absorption rate
CHROMIC CATGUT	Twisted	Beige	Variable†	Variable' (generally 21-42 days)

† Refer to package insert

DESCRIPTION

Chromic gut sutures are absorbable sterile surgical sutures composed of purified connective tissue (mostly collagen) derived from the serosal layer of beef (bovine) or the submucosal fibrous layer of sheep (ovine) intestines. They are packaged in a solution of 89% isopropanol, 10% water and 1% triethanolmine. Chromic gut is treated with a chromic salt solution.

CHARACTERISTICS

Catgut exhibits:

- Purity of collagen for optimal tensile strength and in vivo performance.
- Uniform treatment with a buffered chromium salt solution.
- Surface smoothness to facilitate knot run-down and knot strength.

INDICATIONS

Chromic gut sutures are indicated for use in general soft tissue approximation and/or ligation, including use in ophthalmic surgery, but not in cardiovascular or neurological surgery.

CONTRAINDICATIONS

The use of this suture is contraindicated in patients with known sensitivities or allergies to any of its components. These sutures, being absorbable, should not be used where extended approximation of tissue is required. Chromic gut sutures are not suitable for cardiovascular or neurological surgical procedures.

TENSILE STRENGTH

Many factors may affect the rate of tensile strength loss. These include:

- Type of suture
- Presence of infection
- Tissue sites

ABSORPTION

Absorption of Chromic gut sutures occurs by an enzymatic process similar to the digestion of an animal protein by the body. Being enzymatic, the process is subject to different influencing factors (see above) and it is therefore not possible to exactly predict absorption time.

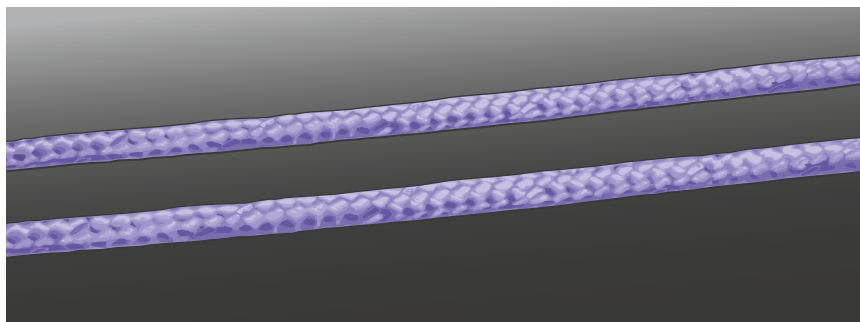
Colour(s)

Natural brown

Itemcode	USP	EP (metric)	Length in m	Colour
9880938	3-0	3	50	Natural brown
9880939	3-0	3.5	50	Natural brown
9880940	0	4	50	Natural brown
9880941	1	5	50	Natural brown
9880942	2	6	45	Natural brown
9880943	3	7	40	Natural brown
9880944	4	8	25	Natural brown

PGA

Braided, coated, Polyglycolic Acid (PGA), synthetic absorbable suture



	Material	Colour(s)	(BSR) Profile	Absorption rate
PGA	Braided	Violet	83% @ 14 days 52% @ 21 days 20% @ 28 days	60-90 days

DESCRIPTION

PGA is a coated, braided, synthetic absorbable surgical suture, composed of Polyglycolic Acid (PGA) and is dyed using FDA-approved colour additives. The suture is coated with polycaprolactone and calcium stearate.

CHARACTERISTICS

- Excellent tensile strength throughout the critical wound healing period
- Excellent knot security
- Excellent handling
- Predictable absorption profile

INDICATIONS

PGA is indicated for use in general soft tissue approximation and/or ligation, including use in ophthalmic procedures, but not for use in cardiovascular and neurological procedures.

CONTRAINDICATIONS

Due to rapid loss of tensile strength, this suture should not be used where extended approximation of tissue under stress is required or where wound support beyond seven days is required. PGA is not suitable for cardiovascular or neurological surgical procedures.

TENSILE STRENGTH

Subcutaneous tissue implantation studies in rats indicate PGA suture approximately retains 65% of the original tensile strength at two weeks post implantation.

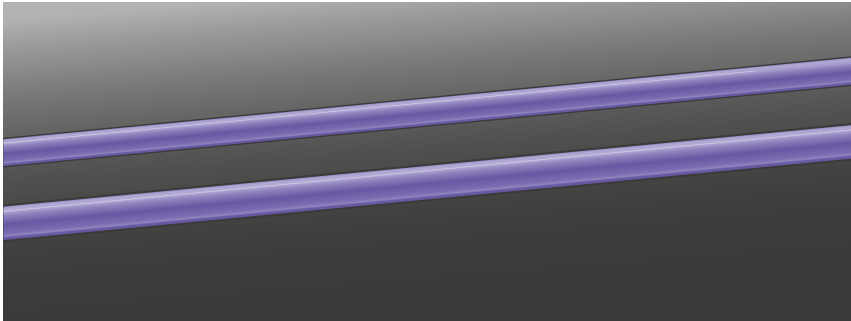
ABSORPTION

Absorption begins as a loss of tensile strength without appreciable loss of mass. Absorption of PGA sutures is essentially complete between 60 and 90 days.

Itemcode	USP	EP (metric)	Length in m	Colour
9880961	4-0	1.5	25	violet
9880962	3-0	2	25	violet
9880963	2-0	3	25	violet
9880964	0	3.5	25	violet
9880965	1	4	25	violet
9880966	2	5	25	violet
9880967	3+4	6	25	violet
9880968	5	7	25	violet
9880969	6	8	25	violet

PDO

Monofilament Polydioxanone (PDO) synthetic absorbable suture



	Material	Colour(s)	(BSR) Profile	Absorption rate
PDO	Monofilament	Violet	75% @ 14 days 66% @ 28 days 53% @ 42 days	180-220 days

DESCRIPTION

PDO is a polydioxanone monofilament synthetic absorbable, sterile surgical suture prepared from the polyester, poly(p-dioxanone).

CHARACTERISTICS

Polydioxanone (PDO) exhibits:

- Extended holding strength
- Excellent handling, exceptional suppleness, and good knot security
- Non-wicking, which helps reduce bacterial migration along the suture line
- FDA-approved D&C violet No. 2 colour for better visibility during surgery

INDICATIONS

Monofilament Polydioxanone synthetic absorbable suture is indicated for use in soft tissue approximation and/or ligation, including use in paediatric cardiovascular and ophthalmic procedures.

Polydioxanone suture is not indicated in adult cardiovascular tissue, microsurgery, and neurological tissue. This suture is particularly useful when the combination of an absorbable suture and extended wound support is desired.

CONTRAINDICATIONS

These sutures, being absorbable, are not to be used where prolonged (beyond six weeks) approximation of tissue under stress is required and are not to be used in conjunction with prosthetic devices, i.e. heart valves, or synthetic grafts. Polydioxanone suture is not indicated in adult cardiovascular tissue, microsurgery and neural tissue.

TENSILE STRENGTH

Subcutaneous tissue implantation studies in rats indicate PDO suture retains approximately 75% of initial tensile strength at two weeks, 66% at four weeks and 53% at six weeks post implantation.

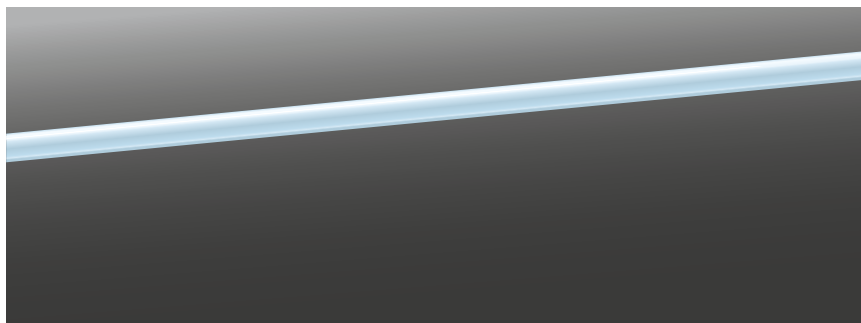
ABSORPTION

Absorption begins as a loss of tensile strength without appreciable loss of mass. Absorption of PDO sutures is minimal until about the 90th day post implantation and is essentially complete within six months.

Itemcode	USP	EP (metric)	Length in m	Colour
9880954	4-0	1.5	25	violet
9880955	3-0	2	25	violet
9880956	2-0	3	25	violet
9880957	0	3.5	25	violet
9880958	1	4	25	violet
9880959	2	5	25	violet

Supramid

Braided nylon monofilament non-absorbable suture



DESCRIPTION

Supramid is a braided non-absorbable, sterile surgical suture composed of the long-chain aliphatic polymers Nylon type 6 or Nylon type 6/6. Monofilament Supramid suture are white (undyed).

CHARACTERISTICS

Supramid exhibits:

- Uniform diameter of the suture
- Maximum flexibility of the strand
- Excellent and consistent knot security
- Minimal memory

INDICATIONS

Supramid suture is indicated for use in general soft tissue approximation and/or ligation, including use in cardiovascular, ophthalmic, and neurological procedures.

CONTRAINDICATIONS

Due to the gradual loss of tensile strength that may occur over prolonged periods in vivo, supramid surgical sutures should not be used where permanent retention of tensile strength is required.

TENSILE STRENGTH

As with any supramid suture, though not absorbed, progressive hydrolysis of the suture in vivo may result in gradual loss of tensile strength over time. Supramid suture should not be used where permanent retention of tensile strength is required.

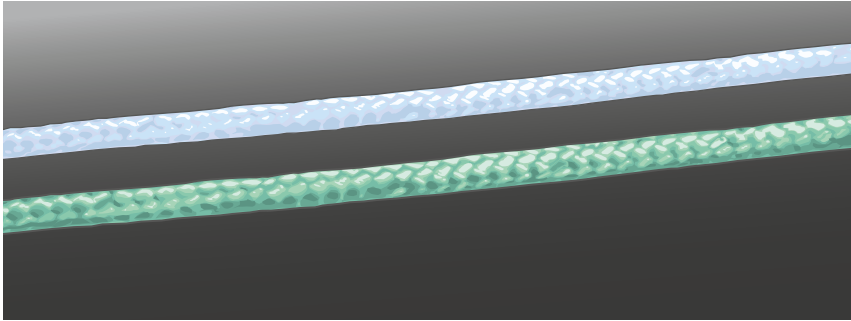
Colour

White

Itemcode	USP	EP (metric)	Length in mm	Colour
9880945	4-0	1.5	75	white
9880946	3-0	2	75	white
9880947	2-0	3	75	white
9880948	0	3.5	75	white
9880949	1	4	75	white
9880950	2	5	50	white
9880951	3+4	6	50	white
9883880	5	7	35	white
9880953	6	8	25	white

Polyester

Braided polyester non-absorbable suture



DESCRIPTION

Braided polyester non-absorbable, sterile surgical suture, composed of polyethylene terephthalate. It is prepared from fibres of high molecular weight, long-chain, linear polyesters having recurrent aromatic rings as an integral component. The braided suture is coated uniformly with silicone to increase surface lubricity, thereby enhancing handling characteristics, ease of passage through tissue, and knot run-down properties.

CHARACTERISTICS

Polyester exhibits

- High tensile strength, both linear and knotted
- Maximum security in approximation of tissue under stress conditions
- Maximum security with prosthetic implants
- Smooth flow through tissue while maintaining optimal knot security

INDICATIONS

Polyester suture is indicated for use in general soft tissue approximation and/or ligation, including use in cardiovascular, ophthalmic, and neurological procedures.

CONTRAINDICATIONS

None known.

TENSILE STRENGTH

Polyester suture is non-absorbable; no significant change in tensile strength retention is known to occur in vivo.

Colour(s)

White or green

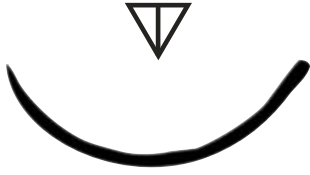
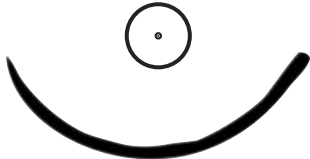
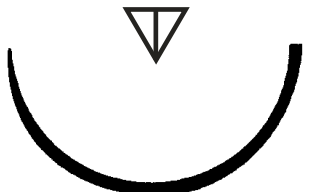
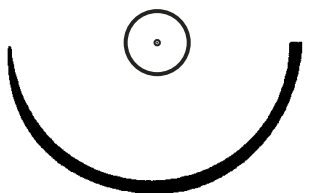
Itemcode	USP	EP (metric)	Length in m	Colour
9880981	2-0	3	100	white
9880982	0	3.5	75	white
9880983	1	4	75	white
9880984	2	5	50	white
9880985	3+4	6	50	white
9880986	5	7	50	white
9880987	6	8	50	white
9880988	7	9	40	white
9880989	8	10	30	white
9880990	4-0	1.5	100	green
9880991	3-0	2	100	green
9880992	2-0	3	100	green
9880993	0	3.5	75	green
9880994	1	4	75	green
9880995	2	5	50	green
9880996	3+4	6	50	green
9880997	5	7	40	green

Suture Needles

Spring eye, 12/pk



The main features of the Henry Schein needles are superior sharpness and high levels of safety due to high ductility. Hard-fibre stainless steel is employed to realise a high level of safety and high bending moment.

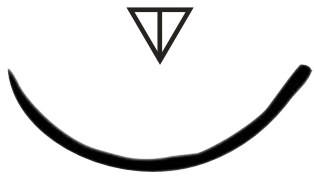
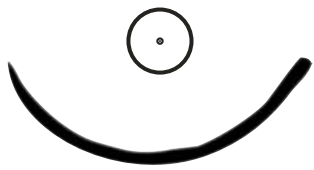
Itemcode	Shape of needle	Needlecode	Length in mm
9006507	<p>3/8 circle, reverse cutting</p> 	3/8RC16	16
9006510		3/8RC40	40
9006511		3/8RC45	45
9006512		3/8RC70	70
9006514	<p>3/8 circle, Roundbodied, taper point</p> 	3/8TP16	16
9006515		3/8TP20	20
9006516		3/8TP30	30
9006517		3/8TP40	40
9006518		3/8TP45	45
9006519		3/8TP70	70
9006520		3/8TP90	90
9006497		<p>1/2 circle, reverse cutting</p> 	1/2RC16
9006498	1/2RC20		20
9006499	1/2RC30		30
9006500	1/2RC40		40
9006501	1/2RC55		55
9006502	<p>1/2 circle, round bodied, taper point</p> 	1/2TP16	16
9006503		1/2TP20	20
9006504		1/2TP30	30
9006505		1/2TP40	40
9006506		1/2TP55	55

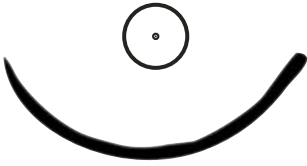
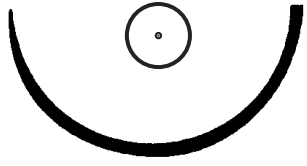
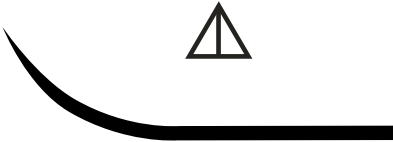


Suture Needles

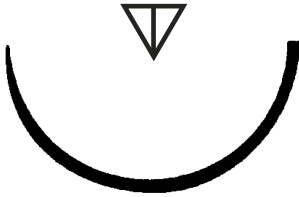
Regular eye, 12/pk



The main features of the Henry Schein needles are superior sharpness and high levels of safety due to high ductility. Hard-Fibre Stainless Steel is employed to realise a high level of safety and high bending moment.

Itemcode	Shape of needle	Needlecode	Size	Length in mm
9882576	<p>3/8 circle, reverse cutting</p> 	3/8RC80	SZ 1	80
9882577		3/8RC75	SZ 2	75
9882578		3/8RC70	SZ 3	70
9882579		3/8RC65	SZ 4	65
9882580		3/8RC60	SZ 5	60
9882581		3/8RC55	SZ 6	55
9882582		3/8RC53	SZ 7	53
9882583		3/8RC50	SZ 8	50
9882584		3/8RC45	SZ 9	45
9882585		3/8RC43	SZ 10	43
9882586		3/8RC41	SZ 11	41
9882587		3/8RC38	SZ 12	38
9882588		3/8RC36	SZ 13	36
9882589		3/8RC33	SZ 14	33
9882590		3/8RC32	SZ 15	32
9882591		3/8RC31	SZ 16	31
9882592		3/8RC28	SZ 17	28
9882593		3/8RC26	SZ 18	26
9882594		3/8RC25	SZ 19	25
9882595		3/8RC24	SZ 20	24
9882616	<p>3/8 circle, round bodied, taper point</p> 	3/8TP80	SZ 1	80
9882617		3/8TP75	SZ 2	75
9882618		3/8TP70	SZ 3	70
9882619		3/8TP65	SZ 4	65
9882620		3/8TP60	SZ 5	60
9882621		3/8TP55	SZ 6	55
9882622		3/8TP53	SZ 7	53
9882623		3/8TP50	SZ 8	50
9882624		3/8TP45	SZ 9	45
9882625		3/8TP43	SZ 10	43
9882626		3/8TP41	SZ 11	41
9882627		3/8TP38	SZ 12	38
9882628		3/8TP36	SZ 13	36

Itemcode	Shape of needle	Needlecode	Size	Length in mm
9882629	<p>3/8 circle, round bodied, taper point</p> 	3/8TP33	SZ 14	33
9882630		3/8TP32	SZ 15	32
9882631		3/8TP31	SZ 16	31
9882632		3/8TP28	SZ 17	28
9882633		3/8TP26	SZ 18	26
9882634		3/8TP25	SZ 19	25
9882635		3/8TP24	SZ 20	24
9882636	<p>1/2 circle, round bodied, taper point</p> 	1/2TP31	SZ 16	31
9883650	<p>1/2 curved, reverse cutting</p> 	1/2RC80	SZ 1	80
9883651		1/2RC75	SZ 2	75
9883652		1/2RC70	SZ 3	70
9883653		1/2RC65	SZ 4	65
9883654		1/2RC60	SZ 5	60
9883655		1/2RC55	SZ 6	55
9883656		1/2RC53	SZ 7	53
9883657		1/2RC50	SZ 8	50
9883658		1/2RC45	SZ 9	45
9883659		1/2RC43	SZ 10	43
9883660		1/2RC41	SZ 11	41
9883661		1/2RC38	SZ 12	38
9883662		1/2RC36	SZ 13	36
9883663		1/2RC33	SZ 14	33
9883664		1/2RC32	SZ 15	32
9883665		1/2RC31	SZ 16	32
9883666		1/2RC28	SZ 17	28
9883667		1/2RC26	SZ 18	26
9883668		1/2RC25	SZ 19	25
9883669		1/2RC24	SZ 20	24
9882641		StraightTP41	SZ 10	41
9882642		StraightTP38	SZ 12	38
9882643		StraightTP32	SZ 14	32
9882637		StraightRC41	SZ 10	41
9882638		StraightRC38	SZ 12	38
9882639		StraightRC33	SZ 14	33
9882640		StraightRC31	SZ 16	31

Itemcode	Shape of needle	Needlecode	Size	Length in mm
9882596	 <p>1/2 circle, round bodied, reverse cutting</p>	1/2RC80	SZ 1	80
9882598		1/2RC70	SZ 3	70
9882599		1/2RC65	SZ 4	65
9882600		1/2RC60	SZ 5	60
9882601		1/2RC55	SZ 6	55
9882602		1/2RC53	SZ 7	53
9882603		1/2RC50	SZ 8	50
9882605		1/2RC43	SZ 10	43
9882612		1/2RC28	SZ 17	28

Surgical Skin Adhesive

Cyanoacrylate Skin Adhesive
A quick, painless solution that helps prevent infections

Surgical skin glue is a painless option for treating minor external wound care. With its two second setting time per drop, it quickly and efficiently seals off any superficial wounds so natural healing can occur. The included non-clogging tip applicators ensure the proper dosage to help save time and money in minor surgical procedures and wound protection. The glue's quick-acting adhesive also aids in protecting exposed nerve endings and the reduction of oozing and irritation. It is a vet use only product that contains a formulated n-butyl cyanoacrylate.

- Enables precise placement of adhesive
- Adhesive reduces minor bleeding and aids in the healing process
- Acts as a barrier to help keep foreign matter from entering the wound
- May eliminate need for bandages in some cases
- Saves time and money for minor procedures

Recommended uses:

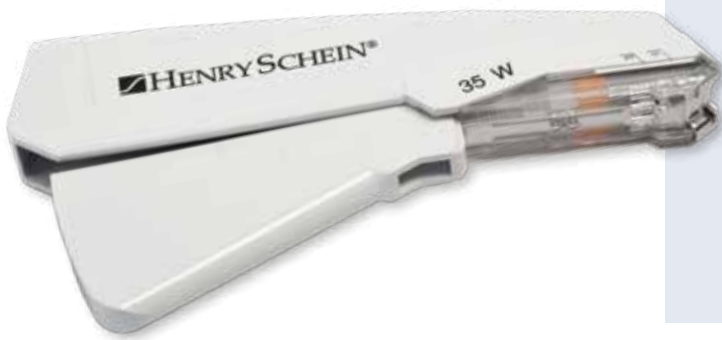
- Minor surgical incisions
- Feline declaws
- Tail docking
- Lacerations
- Pad wounds
- Bleeding nails



SURGICAL SKIN GLUE			
Itemcode	Size	Material	Package includes:
9880982	2ml	Cyanoacrylate	12 Applicator tips

Skin Stapler

Skin Stapler can be used in various surgical procedures for routine skin closure. The Skin Stapler and Staple Remover are high quality products which guarantee a perfect wound closure. The ergonomically designed handle provides easy handling and saves time.



Features:

- Ready-to-use sterile disposable stapler
- For quick and easy skin closure
- Very economical
- Comfortable squeeze handle design
- Good visibility allowing for accurate staple placement
- Contains 35 / 316L stainless steel in either the regular or wide staple design
- Single use / non-reloadable

Skin Staplers			
Itemcode	Description	Size	Package
9009734	35 Regular	5.9mm x 3.9mm	1 Stapler
9007010	35 Wide	7.2mm x 4.9mm	1 Stapler



Single use Staple Remover			
Itemcode	Description	Size	Package
9007011	Staple Remover	universal	1 Remover



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