

## **UNIFY** Veterinary Sutures INSTRUCTIONS FOR USE (I F U)

- PGA
- PDO
- PGCL
- Chromic Gut
- Nylon

## UNIFY VETERINARY PGA

Polyglycolic Acid Synthetic absorbable sterile multifilament suture

Description: UNIFY VETERINARY PGA is an absorbable sterile surgical suture made from synthetic braided multifilament material that meets the requirements established by USP. Its degradation occurs through chemical hydrolysis, which is subsequently absorbed and metabolized by the body. The absorption process is completed within 90 days. UNIFY VETERINARY PGA is sterilized using ethylene oxide.

Available color: Violet

Indications: UNIFY VETERINARY PGA is indicated for use in veterinary general surgery, plastic surgery, ophthalmic surgery, gynecology-obstetrics, episiorrhaphy, urology, traumatology, gastrointestinal/gastroenterology, general closure, ligations, pediatric, and cuticular procedures. It is not indicated for use in cardiovascular or neurological tissues.

Contraindications: The use of this suture is contraindicated in patients with known sensitivities or allergies to its components. This suture, being absorbable and of synthetic origin, should not be used for supporting tissues over a long period.

Recommendations: Open only the needed sutures for the procedure. Straighten the sutures with a gentle traction. Never tighten or rub the sutures. Do not pull the needles sharply. Avoid pressing or tightening the suture threads with surgical instruments.

Precautions: Do not use after the expiry date. Sutures should be chosen and applied based on the patient's condition, the surgeon's experience, the surgical technique, and the size of the wound.

Warnings: The use of these sutures is indicated for veterinary use only. Do not resterilize. Discard opened sutures that are not used. Store at a temperature not exceeding 80.6°F (27°C). This suture is contraindicated in patients with known sensitivity or allergy to any of its components. The veterinarian will select the appropriate suture based on the type of tissue or organ involved.

Presentations: UNIFY VETERINARY PGA is available in USP sizes from 0 to 4/0 with strand lengths up to 30" (75 cm).

## UNIFY VETERINARY PDO

Polydioxanone Synthetic absorbable sterile monofilament suture

**Description:** UNIFY VETERINARY PDO is a synthetic, absorbable, and sterile surgical suture that meets all European Pharmacopoeia and USP requirements. It is composed of polydioxanone polymer. The absorption mechanism involves a gradual hydrolytic process. This suture provides excellent plastic deformation properties and high visibility in the surgical field. UNIFY VETERINARY PDO is sterilized using ethylene oxide.

**Available color:** Purple

**Indications:** UNIFY VETERINARY PDO is indicated for use in general surgery, gastroenterology, urology, plastic surgery, and gynecology. It is suitable for all surgical procedures, particularly for use in tissues with rapid regeneration.

**Contraindications:** The use of this suture is contraindicated in patients with known sensitivities or allergies to its components.

Being absorbable and of synthetic origin, it should not be used for supporting tissues over a long period.

**Recommendations:** Open only the needed sutures for the procedure. Straighten the sutures with a gentle traction. Never tighten or rub the sutures. Do not pull the needles sharply. Avoid pressing or tightening the suture threads with surgical instruments. After completing the suturing, clean the wound with physiological saline, apply an antiseptic, and cover it with a bandage. If there is a risk of bleeding, apply a pressure bandage.

**Precautions:** Do not use after the expiry date. Sutures should be chosen and applied based on the patient's condition, the surgeon's experience, the surgical technique, and the size of the wound.

**Warnings:** The use of these sutures is indicated for veterinary use only. Do not resterilize. Discard opened sutures that are not used. Store at a temperature not exceeding 27°C (80.6°F). This suture is contraindicated in patients with known sensitivity or allergy to any of its components. The veterinarian will select the appropriate suture based on the type of tissue or organ involved.

**Presentations:** UNIFY VETERINARY PDO is available in USP sizes from 0 to 4/0 with strand lengths up to 30" (75 cm).

## UNIFY VETERINARY PGCL

Poliglecaprone Synthetic absorbable sterile monofilament suture

Description: UNIFY VETERINARY PGCL is a synthetic, absorbable, sterile monofilament surgical suture made from copolymers of glycolide and  $\epsilon$ - caprolactone (PGCL). The suture complies with European Pharmacopeia and USP requirements for absorbable sutures, except for diameter and tension specifications, which align with the European Pharmacopeia. Its degradation occurs through hydrolysis, which is then absorbed and metabolized by the body. Complete absorption of the suture typically occurs between 90 to 120 days. UNIFY VETERINARY PGCL is sterilized using ethylene oxide.

Available color: Violet

Indications: UNIFY VETERINARY PGCL is indicated for use in general surgery, plastic surgery, ophthalmic surgery, gynecology-obstetrics, episiorrhaphy, urology, traumatology, gastrointestinal/gastroenterology, general closure, ligations, pediatric and cuticular procedures. It is not indicated for use in cardiovascular or neurological tissues.

Contraindications: The use of this suture is contraindicated in sensitive patients or known allergies to its components. This suture, being absorbable and of synthetic origin, should not be used for supporting tissues over a long period. Adverse reactions associated with the use of this suture may include transient local irritation at the site of application, as well as a localized inflammatory response.

Recommendations: Open only the needed sutures for the procedure. Straighten the sutures with a gentle traction. Never tighten or rub the sutures. Do not pull the needles sharply. Avoid pressing or tightening the suture threads with surgical instruments.

Precautions: Do not use after the expiry date. Sutures should be chosen and applied based on the patient's condition, the surgeon's experience, the surgical technique, and the size of the wound.

Warnings: The use of these sutures is indicated for veterinary use only. Do not resterilize. Discard opened sutures that are not used. Store at a temperature not exceeding 80.6°F (27°C). This suture is contraindicated in patients with known sensitivity or allergy to any of its components. The veterinarian will select the appropriate suture based on the type of tissue or organ involved.

Presentations: UNIFY VETERINARY PGCL is available in USP sizes from 0 to 4/0 with strand lengths up to 30" (75 cm).

## UNIFY VETERINARY CHROMIC GUT

Absorbable sterile surgical suture

Description: UNIFY VETERINARY CHROMIC GUT is an absorbable and sterile surgical suture, with its main component being collagen derived from the serosal layer of the submucosa of bovine intestines. The suture is immersed in a preservative solution designed to maintain its properties and ensure its integrity until use. UNIFY VETERINARY CHROMIC GUT is reabsorbed through enzymatic reaction, which may increase the risk of adverse tissue reactions. To enhance its resistance to enzymes present in tissue fluids and extend the absorption time, the strands are treated with a chromic salt solution. The absorption process occurs through phagocytosis, with the suture being degraded and metabolized by the body's enzymes. It meets the requirements established by the USP. UNIFY VETERINARY CHROMIC GUT is sterilized using ethylene oxide.

Available color: Brown

Indications: UNIFY VETERINARY CHROMIC GUT is indicated for use in general surgery, plastic surgery, ophthalmic surgery, gynecology-obstetrics, episiorrhaphy, urology, traumatology, gastrointestinal surgery, general closure, and ligations. It is not indicated for use in cardiovascular or neurological tissues.

Contraindications: The use of this suture is contraindicated in patients with known sensitivities to collagen or chromium. This suture, being absorbable and of natural origin, should not be used for supporting tissues over a long period.

Recommendations: Open only the needed sutures for the procedure. Straighten the sutures with a gentle traction. Never tighten or rub the sutures. Do not pull the needles sharply. Avoid pressing or tightening the suture threads with surgical instruments. Avoid storing UNIFY VETERINARY CHROMIC GUT sutures near sources of heat. Do not use the suture if it has become dry.

Precautions: Do not use after the expiry date. Sutures should be chosen and applied based on the patient's condition, the surgeon's experience, the surgical technique, and the size of the wound.

Warnings: The use of these sutures is indicated for veterinary use only. Some patients may be hypersensitive to collagen or chromium, which could lead to immunological reactions such as inflammation, granuloma formation, fibrosis, wound suppuration or dehiscence, and the development of seromas or hematomas. Do not resterilize. Discard opened sutures that are not used. Store at a temperature not exceeding 80.6°F (27°C). This suture is contraindicated in patients with known sensitivity or allergy to any of its components. The veterinarian will appropriate the appropriate suture based on the type of tissue or organ involved.

Presentations: UNIFY VETERINARY CHROMIC GUT is available in USP sizes from 0 to 4/0 with strand lengths up to 30" (75 cm).

## UNIFY VETERINARY NYLON

Monofilament Nylon. Non absorbable, sterile surgical suture

Description: UNIFY VETERINARY NYLON is a non-absorbable, sterile synthetic suture that complies with USP standards. Renowned for its high tensile strength and controlled elongation, it ensures reliable approximation of tissue edges throughout the healing process. Its smooth passage through tissues minimizes resistance and reduces tissue reactivity, contributing to optimal healing outcomes. UNIFY Veterinary Nylon is sterilized using ethylene oxide.

Available colors: Black

Indications: UNIFY VETERINARY NYLON is suitable for a wide range of surgical applications, including cardiovascular, general, plastic, microsurgical, thoracic, ophthalmic, gastrointestinal, traumatology and urological procedures. It is also effective for skin and cuticular closures, as well as for retention sutures in various types of surgery.

Contraindications: The use of this suture is contraindicated in patients with known sensitivities or allergies to any of its components.

Recommendations: Open only the sutures necessary for the procedure. Straighten the sutures with gentle traction. Never tighten or rub them. Do not pull the needles abruptly. Do not compress or tighten the suture threads with surgical instruments. Using gloves, hold the thread between your fingers to remove the memory from the packaging.

Precautions: Do not use after the expiry date. Sutures should be chosen and applied based on the patient's condition, the surgeon's experience, the surgical technique, and the size of the wound.

Warnings: The use of these sutures is indicated for veterinary use only. Users must be familiar with the procedures and surgical techniques involving non-absorbable sutures. Before using braided nylon suture for closing incisions, it is necessary to consider the risk of wound dehiscence, which can vary depending on the application site and the suture material used, as with any foreign body. Prolonged contact of any suture with saline solutions, such as those found in urinary or biliary tracts, may lead to the formation of calculi. Acceptable surgical practices should be followed for the treatment of infected or contaminated wounds. Do not resterilize. Discard unused open sutures. Store at a temperature not exceeding 80.6°F (27°C). This suture is contraindicated in patients with known sensitivity or allergy to any of its components. The veterinarian will select the appropriate suture based on the type of tissue or organ involved.

Presentations: UNIFY VETERINARY NYLON is available in USP sizes from 0 to 4/0 with strand lengths up to 30" (75 cm).

## More info

VET USE ONLY

FOR NON-HUMAN USE

### SYMBOLS USED ON LABELLING



Do not re-use



Keep dry



Batch code



Keep away from sunlight



Used by date



Upper limit of temperature



Date of manufacture



Sterilized using ethylene oxide

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