

Gabler
MEDICAL



SCIMITAR
SURGICAL SUTURES

PREMIUM RANGE

WOUND
CLOSURE
CATALOGUE



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PLAIN CATGUT (PG)

Catgut Absorbable Sutures

Description

SCIMITAR Plain catgut sutures are absorbable sterile surgical sutures composed of purified connective tissue (mostly collagen) derived from the serosal layer of BSE FREE (Bovine Spongiform Encephalopathy) beef intestines (bovine), from Brazil, an area free from foot and mouth disease.

SCIMITAR Plain catgut meets all requirements of the European Pharmacopoeia for absorbable surgical sutures.

SCIMITAR Chromic catgut sutures are available in various lengths and diameters and with or without surgical needles. The sutures are supplied sterile in boxes of twelve.

Indications

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

Actions

When SCIMITAR Plain Catgut sutures are placed in tissue, a moderate tissue inflammation occurs characteristic of foreign body response to a substance. This is followed by a gradual loss of tensile strength and suture mass, as the enzymatic process dissolves the surgical gut, until it is completely absorbed.

Many variable factors may affect the rate of absorption. Some of the major factors that may affect the tensile loss and absorption rates are:

1. Infection – Plain Catgut is absorbed faster in infected tissue than in non-infected tissue.
2. Tissue Sites – Plain Catgut will absorb more rapidly in tissue where increased levels of enzymes are present, as in the secretions exhibited in the stomach, cervix and vagina.

Contraindications

The use of these sutures, are contraindicated in patients with known sensitivities or allergies to collagen, as gut is a collagen based material.

These sutures, being absorbable, should not be used where extended approximation of tissue is required.

The use of these sutures may be inappropriate in elderly, malnourished, or debilitated patients, or in patients suffering from conditions which, in the opinion of the surgeon, may cause or contribute to a delay in wound healing.

Selected for maximum uniform tensile strength.

Sterilization

Sterilization is by exposure to gamma irradiation.

Electronically polished catgut, ensures minimal trauma and creates dependable knot run down and knot strength.



SUTURES ABSORBABLE NATURAL

- PREMIUM RANGE -



PLAIN CATGUT (PG)

SCIMITAR CODE	PRODUCT DESCRIPTION	METRIC SIZE	USP SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
PG100-P	Natural Plain Catgut Ligature	6	2	150cm	Ligature	
PG102-P	Natural Plain Catgut Suture	6	2	75cm	1/2 Taper Cut	35mm
PG104-P	Natural Plain Catgut Suture	6	2	90cm	1/2 Mayo	45mm
PG110-P	Natural Plain Catgut Ligature	5	1	150cm	Ligature	
PG112-P	Natural Plain Catgut Suture	5	1	75cm	1/2 Taper	30mm
PG114-P	Natural Plain Catgut Suture	5	1	90cm	1/2 Mayo	30mm
PG116-P	Natural Plain Catgut Suture	5	1	75cm	1/2 Taper	36mm
PG118-P	Natural Plain Catgut Suture	5	1	75cm	1/2 Taper Heavy	40mm
PG118-1P	Natural Plain Catgut Suture	5	1	100cm	1/2 Taper Heavy	40mm
PG120-P	Natural Plain Catgut Suture	5	1	90cm	1/2 Taper Heavy	40mm
PG120-1P	Natural Plain Catgut Suture	5	1	150cm	1/2 Taper	40mm
PG122-P	Natural Plain Catgut Suture	5	1	90cm	1/2 Taper	45mm
PG130-P	Natural Plain Catgut Ligature	4	0	150cm	Ligature	
PG132-P	Natural Plain Catgut Suture	4	0	75cm	1/2 Taper	30mm
PG134-P	Natural Plain Catgut Suture	4	0	75cm	1/2 Taper Fine	36mm
PG136-P	Natural Plain Catgut Suture	4	0	75cm	1/2 Taper	36mm
PG138-P	Natural Plain Catgut Suture	4	0	75cm	1/2 Taper	40mm
PG140-P	Natural Plain Catgut Ligature	3.5	2/0	150cm	Ligature	
PG142-P	Natural Plain Catgut Suture	3.5	2/0	75cm	3/8 Rev. Cut	24mm
PG143-P	Natural Plain Catgut Suture	3.5	2/0	70cm	1/2 Taper	26mm
PG144-P	Natural Plain Catgut Suture	3.5	2/0	75cm	3/8 Conv. Cut	26mm
PG146-P	Natural Plain Catgut Suture	3.5	2/0	75cm	1/2 Taper	30mm
PG148-P	Natural Plain Catgut Suture	3.5	2/0	75cm	1/2 Taper Fine	36mm
PG150-P	Natural Plain Catgut Suture	3.5	2/0	75cm	1/2 Taper	36mm
PG151-P	Natural Plain Catgut Suture		2/0	90cm	1/2 Taper Heavy	48mm
PG152-P	Natural Plain Catgut Suture	3.5	2/0	75cm	1/2 Taper Fine	50mm
PG152-1P	Natural Plain Catgut Suture	3.5	2/0	100cm	1/2 Taper Fine	50mm
PG160-P	Natural Plain Catgut Ligature	3	3/0	150cm	Ligature	
PG162-P	Natural Plain Catgut Suture	3	3/0	75cm	3/8 Conv. Cut	16mm
PG164-P	Natural Plain Catgut Suture	3	3/0	75cm	3/8 Rev. Cut	19mm
PG166-P	Natural Plain Catgut Suture	3	3/0	45cm	3/8 Rev. Cut	19mm
PG168-P	Natural Plain Catgut Suture	3	3/0	45cm	3/8 Rev. Cut	23mm
PG168-1P	Natural Plain Catgut Suture	3	3/0	75cm	3/8 Rev. Cut	23mm
PG170-P	Natural Plain Catgut Suture	3	3/0	75cm	3/8 Conv. Cut	26mm
PG172-P	Natural Plain Catgut Suture	3	3/0	75cm	3/8 Rev. Cut	26mm
PG174-P	Natural Plain Catgut Suture	3	3/0	75cm	1/2 Taper	30mm
PG180-P	Natural Plain Catgut Ligature	2	4/0	150cm	Ligature	
PG182-P	Natural Plain Catgut Suture	2	4/0	75cm	3/8 Conv. Cut	16mm
PG184-P	Natural Plain Catgut Suture	2	4/0	75cm	3/8 Rev. Cut	19mm
PG186-P	Natural Plain Catgut Suture	2	4/0	75cm	3/8 Rev. Cut	25mm
PG188-P	Natural Plain Catgut Suture	2	4/0	75cm	1/2 Taper	26mm
PG190-P	Natural Plain Catgut Suture	1.5	5/0	45cm	3/8 Rev. Cut	12mm
PG192-P	Natural Plain Catgut Suture	1.5	5/0	45cm	1/2 Taper	17mm
PG196-P	Natural Plain Catgut Suture, Double Armed	1	6/0	45cm	3/8 Rev. Cut x 2	11mm
PG198-P	Natural Plain Catgut Suture	1	6/0	45cm	3/8 Rev. Cut PC	13mm

SUTURES ABSORBABLE NATURAL



PRODUCT CATALOGUE

Sutures/Needles

CHROMIC CATGUT (CG)

Chromic Catgut Absorbable Sutures

Description

SCIMITAR Chromic Catgut sutures are absorbable sterile surgical sutures composed of purified connective tissue (mostly collagen) derived from the serosal layer of BSE FREE (Bovine Spongiform Encephalopathy) beef intestines (bovine), from Brazil, an area free from foot and mouth disease.

SCIMITAR Chromic catgut sutures meet all the requirements of the European Pharmacopoeia for absorbable surgical sutures.

SCIMITAR Chromic catgut sutures are available in various lengths and diameters and with or without surgical needles. The sutures are supplied sterile in boxes of twelve.

Indications

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

Actions

When SCIMITAR Chromic Catgut sutures are placed in tissue, a moderate tissue inflammation occurs characteristic of foreign body response to a substance. This is followed by a gradual loss of tensile strength and suture mass, as the enzymatic process dissolves the surgical gut, until it is completely absorbed.

Many variable factors may affect the rate of absorption. Some of the major factors that may affect the tensile loss and absorption rates are:

1. Infection – Plain Catgut is absorbed faster in infected tissue than in non-infected tissue.
2. Tissue Sites – Plain Catgut will absorb more rapidly in tissue where increased levels of enzymes are present, as in the secretions exhibited in the stomach, cervix and vagina.

Contraindications

The use of these sutures, are contraindicated in patients with known sensitivities or allergies to collagen or chromium, as gut is a collagen based material and chromic catgut is treated with chromic salt solutions.

These sutures, being absorbable, should not be used where extended approximation of tissue is required.

The use of these sutures may be inappropriate in elderly, malnourished, or debilitated patients, or in patients suffering from conditions which, in the opinion of the surgeon, may cause or contribute to a delay in wound healing.

Absorbable sterile surgical sutures composed of purified connective tissue.

Sterilization

Sterilization is by exposure to gamma irradiation.

Available in various lengths and diameters, with and without surgical needles.



SUTURES ABSORBABLE NATURAL



SCIMITAR
SURGICAL SUTURES

- PREMIUM RANGE -

CHROMIC CATGUT (CG)

SCIMITAR CODE	PRODUCT DESCRIPTION	USP SIZE	METRIC SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
CG200-P	Natural Chromic Catgut Ligature	2	6	150cm	Ligature	
CG202-P	Natural Chromic Catgut Suture	2	6	75cm	1/2 Taper Cut	35mm
CG204-P	Natural Chromic Catgut Suture	2	6	75cm	1/2 Rev. Cut	35mm
CG204-2P	Natural Chromic Catgut Suture	2	6	75cm	1/2 Rev. Cut	40mm
CG206-P	Natural Chromic Catgut Suture	2	6	75cm	1/2 Mayo	40mm
CG207-P	Natural Chromic Catgut Suture	2	6	75cm	1/2 Taper Heavy	40mm
CG208-P	Natural Chromic Catgut Suture	2	6	75cm	1/2 Taper Cut	45mm
CG209-P	Natural Chromic Catgut Suture	2	6	90cm	1/2 Taper	45mm
CG210-P	Natural Chromic Catgut Suture	2	6	75cm	1/2 Taper Blunt	45mm
CG212-P	Natural Chromic Catgut Suture	2	6	75cm	1/2 Mayo	45mm
CG214-P	Natural Chromic Catgut Suture	2	6	75cm	1/2 Taper	50mm
CG216-P	Natural Chromic Catgut Suture	2	6	75cm	1/2 Rev. Cut	50mm
CG220-P	Natural Chromic Catgut Ligature	1	5	150cm	Ligature	
CG222-P	Natural Chromic Catgut Suture	1	5	75cm	1/2 Taper	30mm
CG224-P	Natural Chromic Catgut Suture	1	5	75cm	1/2 Mayo	30mm
CG226-P	Natural Chromic Catgut Suture	1	5	75cm	1/2 Taper Cut	35mm
CG228-P	Natural Chromic Catgut Suture	1	5	90cm	1/2 Taper	36mm
CG230-P	Natural Chromic Catgut Suture	1	5	90cm	1/2 Rev. Cut	36mm
CG232-P	Natural Chromic Catgut Suture	1	5	75cm	1/2 Taper Heavy	40mm
CG234-P	Natural Chromic Catgut Suture	1	5	90cm	1/2 Taper Heavy	40mm
CG236-P	Natural Chromic Catgut Suture	1	5	75cm	1/2 Taper Blunt	40mm
CG238-P	Natural Chromic Catgut Suture	1	5	75cm	1/2 Rev. Cut	40mm
CG240-P	Natural Chromic Catgut Suture	1	5	75cm	1/2 Taper Cut	45mm
CG242-P	Natural Chromic Catgut Suture	1	5	90cm	1/2 Taper Blunt	45mm
CG244-P	Natural Chromic Catgut Suture	1	5	75cm	1/2 Mayo	45mm
CG246-P	Natural Chromic Catgut Suture	1	5	90cm	1/2 Taper Heavy	48mm
CG248-P	Natural Chromic Catgut Suture	1	5	75cm	1/2 Taper	50mm
CG249-P	Natural Chromic Catgut Suture	1	5	90cm	1/2 Taper	50mm
CG250-P	Natural Chromic Catgut Suture	1	5	75cm	1/2 Rev. Cut	50mm
CG252-P	Natural Chromic Catgut Suture	1	5	75cm	1/2 Taper Blunt	50mm
CG254-P	Natural Chromic Catgut Suture	1	5	75cm	3/8 Taper Blunt	63mm
CG260-P	Natural Chromic Catgut Ligature	0	4	150cm	Ligature	
CG262-P	Natural Chromic Catgut Suture	0	4	75cm	1/2 Taper	27mm
CG264-P	Natural Chromic Catgut Suture	0	4	75cm	5/8 Taper	27mm
CG266-P	Natural Chromic Catgut Suture	0	4	75cm	1/2 Taper Fine	30mm
CG268-P	Natural Chromic Catgut Suture	0	4	75cm	1/2 Taper	30mm
CG270-P	Natural Chromic Catgut Suture	0	4	75cm	1/2 Taper Fine	35mm
CG272-P	Natural Chromic Catgut Suture	0	4	75cm	1/2 Taper Blunt	35mm
CG274-P	Natural Chromic Catgut Suture	0	4	75cm	1/2 Taper Cut	35mm
CG276-P	Natural Chromic Catgut Suture	0	4	75cm	1/2 Rev. Cut	36mm
CG278-P	Natural Chromic Catgut Suture	0	4	75cm	1/2 Taper Fine	40mm
CG280-P	Natural Chromic Catgut Suture	0	4	75cm	1/2 Taper Heavy	40mm
CG282-P	Natural Chromic Catgut Suture	0	4	75cm	1/2 Taper	40mm
CG282-1P	Natural Chromic Catgut Suture	0	4	90cm	1/2 Taper	40mm
CG284-P	Natural Chromic Catgut Suture	0	4	75cm	1/2 Taper Blunt	40mm
CG286-P	Natural Chromic Catgut Suture	0	4	75cm	1/2 Taper	50mm
CG288-P	Natural Chromic Catgut Suture	0	4	75cm	3/8 Taper Blunt	63mm



SUTURES ABSORBABLE NATURAL

- PREMIUM RANGE -



CHROMIC CATGUT (CG)

SCIMITAR CODE	PRODUCT DESCRIPTION	USP SIZE	METRIC SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
CG290-P	Natural Chromic Catgut Ligature	2/0	3.5	150cm	Ligature	
CG292-P	Natural Chromic Catgut Suture	2/0	3.5	75cm	1/2 Taper Cut	25mm
CG294-P	Natural Chromic Catgut Suture	2/0	3.5	75cm	1/2 Taper Fine	26mm
CG296-P	Natural Chromic Catgut Suture	2/0	3.5	75cm	1/2 Rev. Cut	26mm
CG298-P	Natural Chromic Catgut Suture	2/0	3.5	75cm	1/2 Taper	27mm
CG300-P	Natural Chromic Catgut Suture	2/0	3.5	75cm	5/8 Taper	27mm
CG302-P	Natural Chromic Catgut Suture, Double Armed	2/0	3.5	75cm	5/8 Taper x 2	27mm
CG304-P	Natural Chromic Catgut Suture	2/0	3.5	75cm	1/2 Taper Fine	30mm
CG306-P	Natural Chromic Catgut Suture	2/0	3.5	75cm	1/2 Taper Blunt	30mm
CG308-P	Natural Chromic Catgut Suture	2/0	3.5	75cm	3/8 Rev. Cut	30mm
CG308-1P	Natural Chromic Catgut Suture	2/0	3.5	90cm	3/8 Rev. Cut	29.9mm
CG310-P	Natural Chromic Catgut Suture	2/0	3.5	75cm	1/2 Taper Blunt	35mm
CG312-P	Natural Chromic Catgut Suture	2/0	3.5	75cm	1/2 Taper Fine	36mm
CG314-P	Natural Chromic Catgut Suture	2/0	3.5	75cm	1/2 Rev. Cut	36mm
CG315-P	Natural Chromic Catgut Suture	2/0	3.5	90cm	1/2 Taper	37mm
CG316-P	Natural Chromic Catgut Suture	2/0	3.5	75cm	1/2 Taper Fine	40mm
CG318-1P	Natural Chromic Catgut Suture	2/0	3.5	100cm	1/2 Taper	40mm
CG320-P	Natural Chromic Catgut Suture	2/0	3.5	75cm	1/2 Taper	60mm
CG322-P	Natural Chromic Catgut Suture	2/0	3.5	75cm	3/8 Taper Blunt	63mm
CG330-P	Natural Chromic Catgut Ligature	3/0	3	150cm	Ligature	
CG332-P	Natural Chromic Catgut Suture	3/0	3	75cm	3/8 Conv. Cut	16mm
CG334-P	Natural Chromic Catgut Suture	3/0	3	75cm	3/8 Rev. Cut	19mm
CG334-1P	Natural Chromic Catgut Suture	3/0	3	90cm	3/8 Rev. Cut	19mm
CG334-2P	Natural Chromic Catgut Suture	3/0	3	75cm	3/8 Rev. Cut Heavy	19mm
CG336-P	Natural Chromic Catgut Suture	3/0	3	45cm	3/8 Rev. Cut	19mm
CG338-P	Natural Chromic Catgut Suture	3/0	3	75cm	1/2 Taper	20mm
CG340-P	Natural Chromic Catgut Suture	3/0	3	75cm	1/2 Taper	22mm
CG342-P	Natural Chromic Catgut Suture	3/0	3	75cm	3/8 Rev. Cut	24mm
CG344-P	Natural Chromic Catgut Suture	3/0	3	75cm	1/2 Taper	25mm
CG346-P	Natural Chromic Catgut Suture	3/0	3	75cm	1/2 Taper Fine	30mm
CG348-P	Natural Chromic Catgut Suture	3/0	3	90cm	3/8 Rev. Cut	30mm
CG350-P	Natural Chromic Catgut Suture	3/0	3	75cm	1/2 Taper Blunt	35mm
CG360-P	Natural Chromic Catgut Ligature	4/0	2	150cm	Ligature	
CG362-P	Natural Chromic Catgut Suture, Double Armed	4/0	2	75cm	3/8 Rev. Cut	12mm
CG364-P	Natural Chromic Catgut Suture	4/0	2	45cm	3/8 Rev. Cut x 2	13mm
CG366-P	Natural Chromic Catgut Suture	4/0	2	75cm	3/8 Conv. Cut	16mm
CG368-P	Natural Chromic Catgut Suture	4/0	2	45cm	3/8 Rev. Cut	16mm
CG370-P	Natural Chromic Catgut Suture	4/0	2	75cm	3/8 Rev. Cut	18.7mm
CG370-1P	Natural Chromic Catgut Suture	4/0	2	45cm	3/8 Rev. Cut	19mm
CG372-P	Natural Chromic Catgut Suture	4/0	2	75cm	1/2 Taper	20mm
CG374-P	Natural Chromic Catgut Suture	4/0	2	75cm	1/2 Taper	22mm
CG376-P	Natural Chromic Catgut Suture	4/0	2	75cm	1/2 Taper	26mm
CG380-P	Natural Chromic Catgut Suture	5/0	1.5	45cm	1/2 Taper	13mm
CG382-P	Natural Chromic Catgut Suture	5/0	1.5	45cm	3/8 Rev. Cut PC	13mm
CG384-P	Natural Chromic Catgut Suture, Double Armed	5/0	1.5	30cm	3/8 Rev. Cut x 2	13mm
CG385-P	Natural Chromic Catgut Suture	5/0	1.5	70cm	1/2 Taper	17mm
CG386-P	Natural Chromic Catgut Suture	5/0	1.5	75cm	3/8 Rev. Cut	19mm
CG390-P	Natural Chromic Catgut Suture, Double Armed	6/0	1	45cm	1/4 Spatula x 2	8.7mm
CG392-P	Natural Chromic Catgut Suture	6/0	1	45cm	3/8 Rev. Cut	11.2mm

SUTURES ABSORBABLE SYNTHETIC



PRODUCT CATALOGUE

Sutures/Needles

VIAMAC BRAIDED SYNTHETIC ABSORBABLE (VM)

Polyglycolic Acid, Braided Synthetic Absorbable Sutures

Description

VIAMAC sutures are synthetic absorbable sutures composed of homopolymers of glycolic acid.

VIAMAC sutures are available dyed violet with D & C violet No. 2 or undyed, in various lengths, diameters and with or without surgical needles. The sutures are supplied sterile in boxes of twelve.

VIAMAC sutures meet all the requirements of the European Pharmacopoeia for synthetic absorbable surgical sutures.

Features

The pure polyglycolic acid formulation and the advance manufacturing process, produces a suture with uniform diameter and a coating that bonds naturally to the thread, thus reducing surface friction and tissue trauma.

VIAMAC sutures give maximum support through the critical first few days of wound support followed by a predictable absorption profile.

Indications

VIAMAC sutures are 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.

Maximum support through the critical first days of wound support.

Actions

VIAMAC sutures elicit 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 VIAMAC synthetic absorbable sutures occurs by means of hydrolysis, where the polymer degrades to glycolic acid and which is subsequently absorbed and metabolized by the body. Absorption begins as a loss of tensile strength without appreciable loss of mass. Implantation studies indicate that VIAMAC suture retains approximately 65% of the original tensile strength at 2 weeks post implantation, and between 40% and 30% (7/0 and larger) tensile strength at 3 weeks post implantation dependent on gauge size. All of the original tensile strength is lost between 4 and 5 weeks post implantation. Absorption of VIAMAC absorbable synthetic sutures is essentially complete between 56 and 70 days.

Features a coating that bonds naturally to the thread, reducing surface friction and tissue trauma.

Sterilization

Sterilization is by exposure to ethylene oxide gas.



SUTURES ABSORBABLE SYNTHETIC

- PREMIUM RANGE -



VIAMAC BRAIDED SYNTHETIC ABSORBABLE (VM)

SCIMITAR CODE	PRODUCT DESCRIPTION	USP SIZE	METRIC SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
VM400-P	Violet Braided Polyglycolic Acid Suture	2	5	90cm	1/2 Mayo	30mm
VM401-P	Violet Braided Polyglycolic Acid Suture	2	5	70cm	1/2 Rev. Cut Heavy	23mm
VM402-P	Violet Braided Polyglycolic Acid Suture	2	5	90cm	1/2 Taper Cut	35mm
VM403-P	Violet Braided Polyglycolic Acid Suture	2	5	70cm	1/2 Taper	35mm
VM404-P	Violet Braided Polyglycolic Acid Suture	2	5	90cm	1/2 Taper Heavy	40mm
VM406-P	Violet Braided Polyglycolic Acid Suture	2	5	70cm	1/2 Mayo	45mm
VM406-1P	Violet Braided Polyglycolic Acid Suture	2	5	90cm	1/2 Mayo	45mm
VM408-P	Violet Braided Polyglycolic Acid Suture	2	5	90cm	1/2 Taper Blunt	45mm
VM410-P	Violet Braided Polyglycolic Acid Suture	2	5	90cm	1/2 Rev. Cut Heavy	48mm
VM410-5P	Violet Braided Polyglycolic Acid Suture	2	5	90cm	1/2 Taper Heavy	50mm
VM412-P	Violet Braided Polyglycolic Acid Ligature	1	4	5 x 70cm	Ligature x 5	
VM414-P	Violet Braided Polyglycolic Acid Ligature	1	4	135cm	Ligature	
VM415-P	Violet Braided Polyglycolic Acid Suture	1	4	75cm	1/2 Rev. Cut	20mm
VM415-4P	Violet Braided Polyglycolic Acid Suture	1	4	45cm	1/2 Rev. Cut	25mm
VM416-P	Violet Braided Polyglycolic Acid Suture	1	4	70cm	1/2 Taper	30mm
VM418-P	Violet Braided Polyglycolic Acid Suture	1	4	70cm	1/2 Mayo	30mm
VM420-P	Violet Braided Polyglycolic Acid Suture	1	4	70cm	4/5 Taper Cut	30mm
VM422-P	Violet Braided Polyglycolic Acid Suture	1	4	90cm	1/2 Taper Blunt	35mm
VM424-P	Violet Braided Polyglycolic Acid Suture	1	4	70cm	1/2 Taper	36mm
VM426-P	Violet Braided Polyglycolic Acid Suture	1	4	90cm	1/2 Rev. Cut	36mm
VM428-P	Violet Braided Polyglycolic Acid Suture	1	4	90cm	1/2 Taper Cut	36mm
VM430-P	Violet Braided Polyglycolic Acid Suture	1	4	90cm	1/2 Taper Heavy	40mm
VM432-P	Violet Braided Polyglycolic Acid Suture	1	4	90cm	1/2 Rev. Cut	40mm
VM434-P	Violet Braided Polyglycolic Acid Suture	1	4	90cm	1/2 Taper Blunt	40mm
VM436-P	Violet Braided Polyglycolic Acid Suture	1	4	90cm	1/2 Rev. Cut	41mm
VM438-P	Violet Braided Polyglycolic Acid Suture	1	4	70cm	1/2 Mayo	45mm
VM440-P	Violet Braided Polyglycolic Acid Suture	1	4	90cm	1/2 Taper Blunt	45mm
VM442-P	Violet Braided Polyglycolic Acid Suture	1	4	90cm	1/2 Taper Heavy	48mm
VM444-P	Violet Braided Polyglycolic Acid Suture	1	4	90cm	1/2 Rev. Cut Heavy	48mm
VM446-P	Violet Braided Polyglycolic Acid Suture	1	4	90cm	1/2 Rev. Cut	50mm
VM448-P	Violet Braided Polyglycolic Acid Suture	1	4	90cm	1/2 Taper Blunt	50mm
VM450-P	Violet Braided Polyglycolic Acid Ligature	0	3.5	5 x 70cm	Ligature x 5	
VM452-P	Violet Braided Polyglycolic Acid Ligature	0	3.5	135cm	Ligature	
VM452-1P	Violet Braided Polyglycolic Acid Ligature	0	3.5	75cm	Ligature	
VM454-P	Violet Braided Polyglycolic Acid Suture	0	3.5	70cm	1/2 Taper Fine	26mm
VM456-P	Violet Braided Polyglycolic Acid Suture	0	3.5	70cm	1/2 Taper	26mm
VM458-P	Violet Braided Polyglycolic Acid Suture	0	3.5	70cm	5/8 Taper	27mm
VM460-P	Violet Braided Polyglycolic Acid Suture	0	3.5	70cm	1/2 Mayo	30mm
VM461-P	Violet Braided Polyglycolic Acid Suture	0	3.5	70cm	1/2 Taper	30mm
VM462-P	Violet Braided Polyglycolic Acid Suture	0	3.5	70cm	3/8 Rev. Cut	30mm
VM464-P	Violet Braided Polyglycolic Acid Suture	0	3.5	90cm	1/2 Taper Blunt	35mm
VM466-P	Violet Braided Polyglycolic Acid Suture	0	3.5	70cm	1/2 Taper Fine	36mm
VM468-P	Violet Braided Polyglycolic Acid Suture	0	3.5	70cm	1/2 Taper	36mm
VM468-1P	Violet Braided Polyglycolic Acid Suture	0	3.5	90cm	1/2 Taper	36mm
VM470-P	Violet Braided Polyglycolic Acid Suture	0	3.5	90cm	1/2 Rev. Cut	36mm
VM472-P	Violet Braided Polyglycolic Acid Suture	0	3.5	90cm	1/2 Taper Cut	36mm
VM474-P	Violet Braided Polyglycolic Acid Suture	0	3.5	90cm	1/2 Taper Heavy	40mm



SUTURES ABSORBABLE SYNTHETIC

- PREMIUM RANGE -



VIAMAC BRAIDED SYNTHETIC ABSORBABLE (VM)

SCIMITAR CODE	PRODUCT DESCRIPTION	USP SIZE	METRIC SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
VM474-1P	Violet Braided Polyglycolic Acid Suture	0	3.5	75cm	1/2 Taper Heavy	40mm
VM476-P	Violet Braided Polyglycolic Acid Suture	0	3.5	90cm	1/2 Rev. Cut	40mm
VM478-P	Violet Braided Polyglycolic Acid Suture	0	3.5	90cm	1/2 Taper Blunt	40mm
VM480-P	Violet Braided Polyglycolic Acid Suture	0	3.5	90cm	1/2 Rev. Cut	41mm
VM482-P	Violet Braided Polyglycolic Acid Suture	0	3.5	90cm	1/2 Taper Heavy	48mm
VM484-P	Violet Braided Polyglycolic Acid Ligature	2/0	3	5 x 70cm	Ligature x 5	
VM486-P	Violet Braided Polyglycolic Acid Ligature	2/0	3	135cm	Ligature	
VM486-1P	Violet Braided Polyglycolic Acid Ligature	2/0	3	150cm	Ligature	
VM486-2P	Violet Braided Polyglycolic Acid Ligature	2/0	3	75cm	Ligature	
VM487-P	Violet Braided Polyglycolic Acid Suture	2/0	3	75cm	3/8 Conv. Cut	20mm
VM488-P	Violet Braided Polyglycolic Acid Suture	2/0	3	70cm	3/8 Rev. Cut	24mm
VM490-P	Violet Braided Polyglycolic Acid Suture	2/0	3	70cm	3/8 Rev. Cut PC	25mm
VM492-P	Undyed Braided Polyglycolic Acid Suture	2/0 B	3	45cm	3/8 Rev. Cut PC	25mm
VM492-1P	Undyed Braided Polyglycolic Acid Suture	2/0 B	3	70cm	3/8 Rev. Cut PC	25mm
VM494-P	Violet Braided Polyglycolic Acid Suture	2/0	3	70cm	3/8 Rev. Cut PC	26mm
VM496-P	Violet Braided Polyglycolic Acid Suture	2/0	3	70cm	1/2 Taper Fine	26mm
VM496-1P	Violet Braided Polyglycolic Acid Suture	2/0	3	90cm	1/2 Taper Fine	25mm
VM498-P	Violet Braided Polyglycolic Acid Suture	2/0	3	70cm	1/2 Taper	26.6mm
VM500-P	Undyed Braided Polyglycolic Acid Suture	2/0 B	3	70cm	1/2 Rev. Cut	26.6mm
VM502-P	Violet Braided Polyglycolic Acid Suture, Double Armed	2/0	3	70cm	5/8 Taper x 2	27mm
VM503-P	Violet Braided Polyglycolic Acid Suture	2/0	3	70cm	5/8 Taper	27mm
VM504-P	Violet Braided Polyglycolic Acid Suture	2/0	3	70cm	1/2 Taper	30mm
VM506-P	Violet Braided Polyglycolic Acid Suture	2/0	3	70cm	1/2 Taper Blunt	30mm
VM508-P	Violet Braided Polyglycolic Acid Suture	2/0	3	70cm	3/8 Rev. Cut	30mm
VM510-P	Violet Braided Polyglycolic Acid Suture	2/0	3	90cm	1/2 Taper Blunt	35mm
VM512-P	Violet Braided Polyglycolic Acid Suture	2/0	3	70cm	1/2 Taper Fine	36mm
VM514-P	Violet Braided Polyglycolic Acid Suture	2/0	3	70cm	1/2 Taper	36mm
VM514-1P	Violet Braided Polyglycolic Acid Suture	2/0	3	90cm	1/2 Taper	35mm
VM516-P	Violet Braided Polyglycolic Acid Suture	2/0	3	90cm	1/2 Rev. Cut	36mm
VM518-P	Undyed Braided Polyglycolic Acid Suture	2/0 B	3	90cm	1/2 Rev. Cut	36mm
VM520-P	Violet Braided Polyglycolic Acid Suture	2/0	3	90cm	1/2 Taper Cut	36mm
VM522-P	Violet Braided Polyglycolic Acid Suture	2/0	3	90cm	1/2 Taper Heavy	40mm
VM524-P	Violet Braided Polyglycolic Acid Suture	2/0	3	90cm	1/2 Rev. Cut	40mm
VM526-P	Violet Braided Polyglycolic Acid Suture	2/0	3	90cm	1/2 Rev. Cut	41mm
VM528-P	Undyed Braided Polyglycolic Acid Suture	2/0 B	3	70cm	Straight Conv. Cut	60mm
VM530-P	Violet Braided Polyglycolic Acid Suture	2/0	3	70cm	Straight Conv. Cut	60mm
VM534-P	Violet Braided Polyglycolic Acid Ligature	3/0	2	5 x 70cm	Ligature x 5	
VM536-P	Violet Braided Polyglycolic Acid Ligature	3/0	2	135cm	Ligature	
VM536-1P	Violet Braided Polyglycolic Acid Ligature	3/0	2	75cm	Ligature	
VM537-P	Violet Braided Polyglycolic Acid Suture	3/0	2	75cm	1/2 Taper Cut	17mm
VM538-P	Violet Braided Polyglycolic Acid Suture	3/0	2	70cm	1/2 Taper	17.4mm
VM540-P	Undyed Braided Polyglycolic Acid Suture	3/0 B	2	45cm	3/8 Rev. Cut PC	17.6mm
VM542-P	Violet Braided Polyglycolic Acid Suture	3/0	2	45cm	3/8 Rev. Cut	19mm
VM543-P	Undyed Braided Polyglycolic Acid Suture	3/0 B	2	45cm	3/8 Conv. Cut	19mm
VM543-1P	Violet Braided Polyglycolic Acid Suture	3/0	2	75cm	3/8 Conv. Cut	19mm
VM544-P	Undyed Braided Polyglycolic Acid Suture	3/0 B	2	45cm	3/8 Rev. Cut PC	21mm
VM546-P	Undyed Braided Polyglycolic Acid Suture	3/0 B	2	45cm	1/2 Rev. Cut	22mm
VM548-P	Violet Braided Polyglycolic Acid Suture	3/0	2	70cm	1/2 Taper	22mm
VM548-1P	Violet Braided Polyglycolic Acid Suture	3/0	2	90cm	1/2 Taper	22mm



SUTURES ABSORBABLE SYNTHETIC

- PREMIUM RANGE -



VIAMAC BRAIDED SYNTHETIC ABSORBABLE (VM)

SCIMITAR CODE	PRODUCT DESCRIPTION	USP SIZE	METRIC SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
VM548-2P	Violet Braided Polyglycolic Acid Suture	3/0	2	70cm	1/2 Taper	20mm
VM550-P	Violet Braided Polyglycolic Acid Suture	3/0	2	70cm	3/8 Rev. Cut	24mm
VM552-P	Undyed Braided Polyglycolic Acid Suture	3/0 B	2	70cm	3/8 Rev. Cut	24mm
VM554-P	Undyed Braided Polyglycolic Acid Suture	3/0 B	2	45cm	3/8 Rev. Cut PC	24mm
VM556-P	Violet Braided Polyglycolic Acid Suture	3/0	2	70cm	3/8 Conv. Cut PC	25mm
VM558-P	Violet Braided Polyglycolic Acid Suture	3/0	2	70cm	1/2 Taper Fine	26mm
VM558-1P	Violet Braided Polyglycolic Acid Suture	3/0	2	90cm	1/2 Taper Fine	26mm
VM558-2P	Violet Braided Polyglycolic Acid Suture	3/0	2	75cm	1/2 Taper Fine	26mm
VM560-P	Violet Braided Polyglycolic Acid Suture	3/0	2	70cm	1/2 Taper	26.6mm
VM561-P	Violet Braided Polyglycolic Acid Suture	3/0	2	70cm	1/2 Rev. Cut	26mm
VM562-P	Violet Braided Polyglycolic Acid Suture	3/0	2	70cm	1/2 Taper	30mm
VM562-1P	Violet Braided Polyglycolic Acid Suture	3/0	2	75cm	1/2 Taper	30mm
VM564-P	Violet Braided Polyglycolic Acid Suture	3/0	2	70cm	3/8 Rev. Cut	30mm
VM566-P	Violet Braided Polyglycolic Acid Suture	3/0	2	90cm	1/2 Taper Blunt	35mm
VM568-P	Violet Braided Polyglycolic Acid Suture	3/0	2	70cm	1/2 Taper	36mm
VM569-P	Violet Braided Polyglycolic Acid Suture	3/0	2	70cm	Straight Conv. Cut	60mm
VM569-1P	Undyed Braided Polyglycolic Acid Suture	3/0	2	70cm	Straight Conv. Cut	60mm
VM570-P	Violet Braided Polyglycolic Acid Ligature	4/0	1.5	5 x 70cm	Ligature x 5	
VM571-P	Violet Braided Polyglycolic Acid Ligature	4/0	1.5	135cm	Ligature	
VM571-1P	Violet Braided Polyglycolic Acid Ligature	4/0	1.5	75cm	Ligature	
VM572-P	Violet Braided Polyglycolic Acid Suture	4/0	1.5	45cm	3/8 Rev. Cut	13mm
VM572-1P	Violet Braided Polyglycolic Acid Suture	4/0	1.5	45cm	3/8 Rev. Cut	12mm
VM572-2P	Violet Braided Polyglycolic Acid Suture	4/0	1.5	75cm	1/2 Taper	12mm
VM573-P	Undyed Braided Polyglycolic Acid Suture	4/0 B	1.5	45cm	3/8 Rev. Cut PC	12.9mm
VM574-P	Violet Braided Polyglycolic Acid Suture	4/0	1.5	70cm	1/2 Taper	17.4mm
VM574-1P	Violet Braided Polyglycolic Acid Suture	4/0	1.5	45cm	3/8 Taper	17mm
VM574-2P	Violet Braided Polyglycolic Acid Suture	4/0	1.5	75cm	1/2 Taper	16mm
VM574-3P	Violet Braided Polyglycolic Acid Suture	4/0	1.5	75cm	5/8 Taper Cut	17mm
VM575-P	Undyed Braided Polyglycolic Acid Suture	4/0 B	1.5	45cm	3/8 Rev. Cut PC	17.6mm
VM576-P	Violet Braided Polyglycolic Acid Suture	4/0	1.5	45cm	3/8 Rev. Cut	19mm
VM576-1P	Undyed Braided Polyglycolic Acid Suture	4/0 B	1.5	45cm	3/8 Conv. Cut	19mm
VM576-2P	Undyed Braided Polyglycolic Acid Suture	4/0 B	1.5	75cm	3/8 Conv. Cut	19mm
VM576-3P	Undyed Braided Polyglycolic Acid Suture	4/0 B	1.5	70cm	3/8 Rev. Cut	19mm
VM576-4P	Violet Braided Polyglycolic Acid Suture	4/0	1.5	75cm	3/8 Rev. Cut	19mm
VM577-P	Violet Braided Polyglycolic Acid Suture	4/0	1.5	70cm	1/2 Taper	20mm
VM578-P	Undyed Braided Polyglycolic Acid Suture	4/0 B	1.5	45cm	3/8 Rev. Cut PC	21mm
VM579-P	Violet Braided Polyglycolic Acid Suture	4/0	1.5	70cm	1/2 Taper	22mm
VM579-1P	Violet Braided Polyglycolic Acid Suture	4/0	1.5	75cm	1/2 Taper	22mm
VM580-P	Violet Braided Polyglycolic Acid Suture	4/0	1.5	70cm	3/8 Rev. Cut	24mm
VM581-P	Undyed Braided Polyglycolic Acid Suture	4/0 B	1.5	70cm	3/8 Rev. Cut	24mm
VM582-P	Undyed Braided Polyglycolic Acid Suture	4/0 B	1.5	45cm	3/8 Rev. Cut PC	25mm
VM583-P	Violet Braided Polyglycolic Acid Suture, Double Armed	5/0	1	45cm	1/4 Spatula x 2	8.5mm
VM584-P	Undyed Braided Polyglycolic Acid Suture	5/0 B	1	45cm	1/2 Taper	13mm
VM584-1P	Violet Braided Polyglycolic Acid Suture	5/0	1	75cm	1/2 Taper	13mm
VM585-P	Violet Braided Polyglycolic Acid Suture	5/0	1	45cm	3/8 Rev. Cut PC	12.9mm
VM586-P	Violet Braided Polyglycolic Acid Suture	5/0	1	45cm	3/8 Rev. Cut	13mm
VM586-1P	Violet Braided Polyglycolic Acid Suture	5/0	1	75cm	3/8 Rev. Cut	13mm
VM587-P	Undyed Braided Polyglycolic Acid Suture	5/0 B	1	45cm	3/8 Rev. Cut	13mm
VM588-P	Violet Braided Polyglycolic Acid Suture	5/0	1	45cm	3/8 Rev. Cut	16mm



SUTURES ABSORBABLE SYNTHETIC



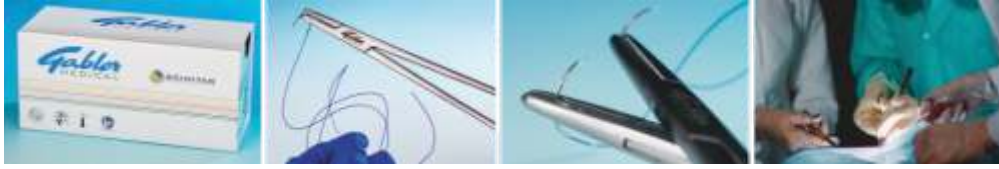
SCIMITAR
SURGICAL SUTURES

- PREMIUM RANGE -

VIAMAC BRAIDED SYNTHETIC ABSORBABLE (VM)

SCIMITAR CODE	PRODUCT DESCRIPTION	USP SIZE	METRIC SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
VM588-1P	Violet Braided Polyglycolic Acid Suture	5/0	1	45cm	3/8 Conv. Cut	16mm
VM588-2P	Violet Braided Polyglycolic Acid Suture	5/0	1	75cm	1/2 Taper	16mm
VM589-P	Violet Braided Polyglycolic Acid Suture	5/0	1	45cm	3/8 Rev. Cut	19mm
VM590-P	Undyed Braided Polyglycolic Acid Suture	5/0 B	1	45cm	3/8 Rev. Cut PC	19mm
VM590-1P	Violet Braided Polyglycolic Acid Suture	5/0	1	45cm	3/8 Conv. Cut	19mm
VM590-7P	Violet Braided Polyglycolic Acid Suture	5/0	1	70cm	1/2 Taper	30mm
VM591-P	Violet Braided Polyglycolic Acid Suture	6/0	0.7	45cm	5/8 Taper	10mm
VM592-P	Undyed Braided Polyglycolic Acid Suture	6/0 B	0.7	45cm	3/8 Rev. Cut PC	12mm
VM593-P	Violet Braided Polyglycolic Acid Suture	6/0	0.7	45cm	1/2 Taper	13mm
VM594-P	Violet Braided Polyglycolic Acid Suture	6/0	0.7	45cm	3/8 Rev. Cut	13mm
VM596-P	Undyed Braided Polyglycolic Acid Suture	6/0 B	0.7	45cm	3/8 Rev. Cut	13mm

SUTURES ABSORBABLE SYNTHETIC



PRODUCT CATALOGUE

Sutures/Needles

VIAMAC REACT (VR)

Polyglycolic Acid, Braided Synthetic Fast Reacting Absorbable Sutures

Description

VIAMAC sutures are synthetic absorbable sutures composed of homopolymers of glycolic acid.

VIAMAC React sutures are synthetic absorbable sutures composed of homopolymers of glycolic acid.

VIAMAC sutures are available dyed violet with D & C violet No. 2 or undyed, in various lengths, diameters and with or without surgical needles. The sutures are supplied sterile in boxes of twelve.

VIAMAC React sutures meet all the requirements of the European Pharmacopoeia for synthetic absorbable surgical sutures.

Features

The pure polyglycolic acid formulation and the advance manufacturing process, produces a suture with uniform diameter and a coating that bonds naturally to the thread, thus reducing surface friction and tissue trauma.

VIAMAC React sutures give maximum support through the critical first few days of wound support followed by a predictable absorption profile.

Indications

VIAMAC React sutures are 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.

Actions

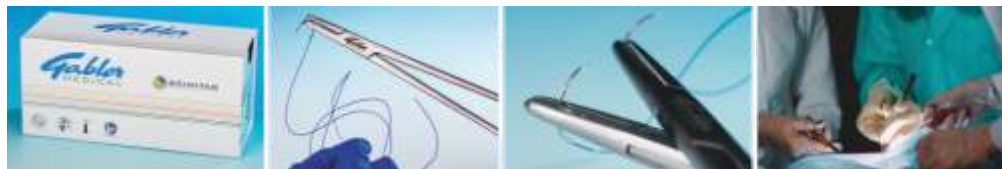
VIAMAC React sutures elicit minimal acute inflammatory reaction in tissues, which is followed by gradual encapsulation of the suture by fibrous connective tissue. Progressive loss of tensile strength and eventual absorption of VIAMAC React synthetic absorbable sutures occurs by means of hydrolysis, where the polymer degrades to glycolic acid and which is subsequently absorbed and metabolized by the body. Absorption begins as a loss of tensile strength without appreciable loss of mass. Implantation studies indicate that VIAMAC React sutures retain approximately 50% of the original tensile strength at 5 to 6 days post implantation, and all of the original tensile strength is lost between 10 and 12 days post implantation.

Absorption of VIAMAC absorbable synthetic sutures is essentially complete after 42 days.

The formulation and advanced manufacturing process, produces a suture with uniform diameter and coating that bonds naturally to the thread, thus reducing surface friction and tissue trauma.

Sterilization

Sterilization is by exposure to ethylene oxide gas.



SUTURES ABSORBABLE SYNTHETIC

- PREMIUM RANGE -



VIAMAC REACT BRAIDED FAST ABSORBING SYNTHETIC (VR)

SCIMITAR CODE	PRODUCT DESCRIPTION	USP SIZE	METRIC SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
VR428-P	Undyed Braided Polyglycolic Acid Suture	1	4	90cm	1/2 Taper Cut	36mm
VR430-P	Undyed Braided Polyglycolic Acid Suture	1	4	90cm	1/2 Taper Heavy	40mm
VR432-P	Undyed Braided Polyglycolic Acid Suture	1	4	90cm	1/2 Rev. Cut	40mm
VR468-P	Undyed Braided Polyglycolic Acid Suture	0	3.5	90cm	1/2 Taper	36mm
VR490-P	Undyed Braided Polyglycolic Acid Suture	2/0	3	70cm	3/8 Rev. Cut PC	24mm
VR512-P	Undyed Braided Polyglycolic Acid Suture	2/0	3	90cm	1/2 Taper Cut	36mm
VR514-P	Undyed Braided Polyglycolic Acid Suture	2/0	3	90cm	1/2 Taper	36mm
VR518-P	Undyed Braided Polyglycolic Acid Suture	2/0	3	90cm	1/2 Rev. Cut	36mm
VR522-P	Undyed Braided Polyglycolic Acid Suture	2/0	3	90cm	1/2 Taper	40mm
VR530-P	Undyed Braided Polyglycolic Acid Suture	2/0	3	70cm	Straight Conv. Cut	60mm
VR540-P	Undyed Braided Polyglycolic Acid Suture	3/0	2	75cm	3/8 Conv. Cut	16mm
VR542-P	Undyed Braided Polyglycolic Acid Suture	3/0	2	45cm	3/8 Rev. Cut	19mm
VR542-1P	Undyed Braided Polyglycolic Acid Suture	3/0	2	75cm	3/8 Rev. Cut	19mm
VR554-P	Undyed Braided Polyglycolic Acid Suture	3/0	2	70cm	3/8 Rev. Cut	24mm
VR555-P	Undyed Braided Polyglycolic Acid Suture	3/0	2	75cm	3/8 Rev. Cut	26mm
VR569-P	Undyed Braided Polyglycolic Acid Suture	3/0	2	70cm	Straight Conv. Cut	60mm
VR573-P	Undyed Braided Polyglycolic Acid Suture	4/0	1.5	45cm	3/8 Rev. Cut PC	13mm
VR575-P	Undyed Braided Polyglycolic Acid Suture	4/0	1.5	75cm	3/8 Conv. Cut	16mm
VR576-P	Undyed Braided Polyglycolic Acid Suture	4/0	1.5	45cm	3/8 Rev. Cut	19mm
VR576-1P	Undyed Braided Polyglycolic Acid Suture	4/0	1.5	75cm	3/8 Rev. Cut	19mm
VR577-P	Undyed Braided Polyglycolic Acid Suture	4/0	1.5	45cm	3/8 Rev. Cut PC	19mm
VR585-P	Undyed Braided Polyglycolic Acid Suture	5/0	1	45cm	3/8 Rev. Cut PC	13mm
VR587-P	Undyed Braided Polyglycolic Acid Suture	5/0	1	100cm	3/8 Rev. Cut	19mm
VR592-P	Undyed Braided Polyglycolic Acid Suture	6/0	0.7	45cm	3/8 Rev. Cut PC	11mm

SUTURES ABSORBABLE SYNTHETIC



PRODUCT CATALOGUE

Sutures/Needles

VIAMAC LA BRAIDED SYNTHETIC ABSORBABLE (VML)

Braided Synthetic Absorbable Polyglactin (PGLA) Sutures

Description

VIAMAC LA sutures are braided absorbable sterile suture composed of a copolymer of glycolide and L-lactide.

The sutures are produced in a multifilament braided construction, dyed with D & C violet No. 2, in various lengths, diameters and with surgical needles attached.

The sutures are supplied sterile in boxes of twelve. VIAMAC LA sutures meet all the requirements of the European Pharmacopeia for braided absorbable surgical sutures.

Indications

VIAMAC LA sutures are indicated for use in general soft tissue approximation and/or ligation, including use in ophthalmic and obstetrics/gynecological surgery.

Minimal initial inflammatory reaction in tissue and in growth of fibrous connective tissue.

Actions

VIAMAC LA sutures elicit a minimal, initial inflammatory reaction in tissue and in growth of fibrous connective tissue.

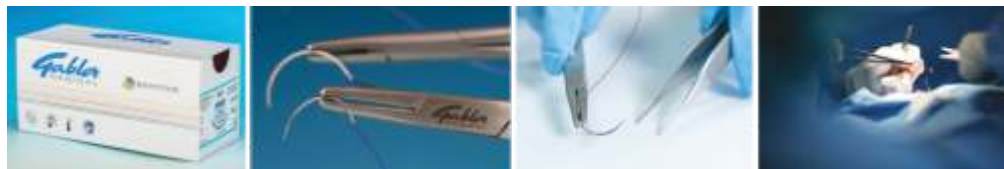
VIAMAC LA braided multifilament sutures lose approximately 25% of the material strength in the first 14 days and 50% after approximately 21 days.

Absorption is essentially complete after 70 days.

Indicated for use in ophthalmic and obstetrics/gynecological surgery.

Sterilization

Sterilization is by exposure to ethylene oxide gas.



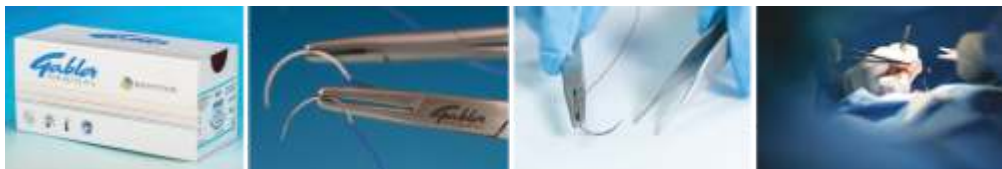
SUTURES ABSORBABLE SYNTHETIC



- PREMIUM RANGE -

VIAMAC LA BRAIDED SYNTHETIC ABSORBABLE (VML)

SCIMITAR CODE	PRODUCT DESCRIPTION	USP SIZE	METRIC SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
VML400-P	Violet Polyglactin Suture	2	5	90cm	1/2 Mayo	30mm
VML401-P	Violet Polyglactin Suture	2	5	70cm	1/2 Rev. Cut Heavy	23mm
VML402-P	Violet Polyglactin Suture	2	5	90cm	1/2 Taper Cut	35mm
VML403-P	Violet Polyglactin Suture	2	5	90cm	1/2 Taper	35mm
VML404-P	Violet Polyglactin Suture	2	5	90cm	1/2 Taper Heavy	40mm
VML406-P	Violet Polyglactin Suture	2	5	70cm	1/2 Mayo	45mm
VML406-1P	Violet Polyglactin Suture	2	5	90cm	1/2 Mayo	45mm
VML408-P	Violet Polyglactin Suture	2	5	90cm	1/2 Taper Blunt	45mm
VML410-P	Violet Polyglactin Suture	2	5	90cm	1/2 Rev. Cut Heavy	48mm
VML412-P	Violet Polyglactin Suture	1	4	5 x 70cm	Ligature x 5	
VML414-P	Violet Polyglactin Suture	1	4	135cm	Ligature	
VML416-P	Violet Polyglactin Suture	1	4	70cm	1/2 Taper	30mm
VML418-P	Violet Polyglactin Suture	1	4	70cm	1/2 Mayo	30mm
VML420-P	Violet Polyglactin Suture	1	4	70cm	4/5 Taper Cut	30mm
VML422-P	Violet Polyglactin Suture	1	4	90cm	1/2 Taper Blunt	35mm
VML424-P	Violet Polyglactin Suture	1	4	70cm	1/2 Taper	36mm
VML424-19P	Violet Polyglactin Suture	1	4	70cm	1/2 Taper Heavy	37mm
VML426-P	Violet Polyglactin Suture	1	4	90cm	1/2 Rev. Cut	36mm
VML428-P	Violet Polyglactin Suture	1	4	90cm	1/2 Taper Cut	36mm
VML430-P	Violet Polyglactin Suture	1	4	90cm	1/2 Taper Heavy	40mm
VML432-P	Violet Polyglactin Suture	1	4	90cm	1/2 Rev. Cut	40mm
VML434-P	Violet Polyglactin Suture	1	4	90cm	1/2 Taper Blunt	40mm
VML436-P	Violet Polyglactin Suture	1	4	90cm	1/2 Rev. Cut	41mm
VML438-P	Violet Polyglactin Suture	1	4	70cm	1/2 Mayo	45mm
VML440-P	Violet Polyglactin Suture	1	4	90cm	1/2 Taper Blunt	45mm
VML442-P	Violet Polyglactin Suture	1	4	90cm	1/2 Taper Heavy	48mm
VML444-P	Violet Polyglactin Suture	1	4	90cm	1/2 Rev. Cut Heavy	48mm
VML446-P	Violet Polyglactin Suture	1	4	90cm	1/2 Rev. Cut	50mm
VML448-P	Violet Polyglactin Suture	1	4	90cm	1/2 Taper Blunt	50mm
VML450-P	Violet Polyglactin Suture	0	3.5	5 x 70cm	Ligature x 5	
VML452-P	Violet Polyglactin Suture	0	3.5	135cm	Ligature	
VML452-1P	Violet Polyglactin Suture	0	3.5	75cm	Ligature	
VML454-P	Violet Polyglactin Suture	0	3.5	70cm	1/2 Taper Fine	26mm
VML456-P	Violet Polyglactin Suture	0	3.5	70cm	1/2 Taper	26mm
VML458-P	Violet Polyglactin Suture	0	3.5	70cm	5/8 Taper	27mm
VML460-P	Violet Polyglactin Suture	0	3.5	70cm	1/2 Mayo	30mm
VML461-P	Violet Polyglactin Suture	0	3.5	70cm	1/2 Taper	30mm
VML462-P	Violet Polyglactin Suture	0	3.5	70cm	3/8 Rev. Cut	30mm
VML464-P	Violet Polyglactin Suture	0	3.5	90cm	1/2 Taper Blunt	35mm
VML466-P	Violet Polyglactin Suture	0	3.5	70cm	1/2 Taper Fine	36mm
VML468-P	Violet Polyglactin Suture	0	3.5	70cm	1/2 Taper	36mm
VML468-1P	Violet Polyglactin Suture	0	3.5	90cm	1/2 Taper	36mm
VML468-P	Violet Polyglactin Suture	0	3.5	70cm	"J" Type Taper	36mm
VML470-P	Violet Polyglactin Suture	0	3.5	90cm	1/2 Rev. Cut	36mm
VML472-P	Violet Polyglactin Suture	0	3.5	90cm	1/2 Taper Cut	36mm
VML474-P	Violet Polyglactin Suture	0	3.5	90cm	1/2 Taper Heavy	40mm
VML474-1P	Violet Polyglactin Suture	0	3.5	75cm	1/2 Taper Heavy	40mm
VML476-P	Violet Polyglactin Suture	0	3.5	90cm	1/2 Rev. Cut	40mm
VML478-P	Violet Polyglactin Suture	0	3.5	90cm	1/2 Taper Blunt	40mm



SUTURES ABSORBABLE SYNTHETIC

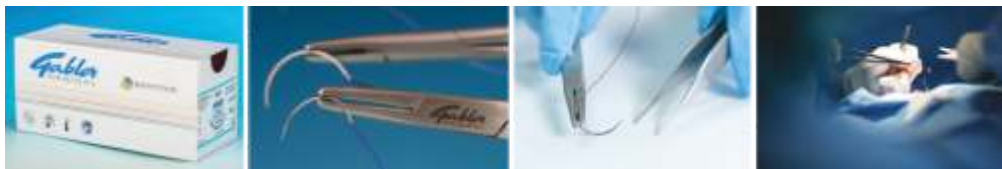


- PREMIUM RANGE -

VIAMAC LA BRAIDED SYNTHETIC ABSORBABLE (VML)

SCIMITAR CODE	PRODUCT DESCRIPTION	USP SIZE	METRIC SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
VML480-P	Violet Polyglactin Suture	0	3.5	90cm	1/2 Rev. Cut	41mm
VML482-P	Violet Polyglactin Suture	0	3.5	90cm	1/2 Taper Heavy	48mm
VML484-P	Violet Polyglactin Suture	2/0	3	5 x 70cm	Ligature x 5	
VML486-P	Violet Polyglactin Suture	2/0	3	135cm	Ligature	
VML486-1P	Violet Polyglactin Suture	2/0	3	150cm	Ligature	
VML486-2P	Violet Polyglactin Suture	2/0	3	75cm	Ligature	
VML486-75P	Violet Polyglactin Suture	2/0	3	6 x 75cm	Ligature	
VML487-P	Violet Polyglactin Suture	2/0	3	75cm	3/8 Conv. Cut	20mm
VML488-P	Violet Polyglactin Suture	2/0	3	70cm	3/8 Rev. Cut	24mm
VML490-P	Violet Polyglactin Suture	2/0	3	70cm	3/8 Rev. Cut PC	25mm
VML492-P	Undyed Polyglactin Suture	2/0 B	3	45cm	3/8 Rev. Cut PC	25mm
VML492-1P	Undyed Polyglactin Suture	2/0 B	3	70cm	3/8 Rev. Cut PC	25mm
VML494-P	Violet Polyglactin Suture	2/0	3	70cm	3/8 Rev. Cut PC	26mm
VML496-P	Violet Polyglactin Suture	2/0	3	70cm	1/2 Taper Fine	26mm
VML496-1P	Violet Polyglactin Suture	2/0	3	90cm	1/2 Taper Fine	25mm
VML496-9P	Violet Polyglactin Suture ***	2/0	3	70cm	1/2 Taper Fine	26mm
VML498-P	Violet Polyglactin Suture	2/0	3	70cm	1/2 Taper	26.6mm
VML500-P	Undyed Polyglactin Suture	2/0 B	3	70cm	1/2 Rev. Cut	26.6mm
VML502-P	Violet Polyglactin Suture	2/0	3	70cm	5/8 Taper x 2	27mm
VML503-P	Violet Polyglactin Suture	2/0	3	70cm	5/8 Taper	27mm
VML504-P	Violet Polyglactin Suture	2/0	3	70cm	1/2 Taper	30mm
VML506-P	Violet Polyglactin Suture	2/0	3	70cm	1/2 Taper Blunt	30mm
VML508-P	Violet Polyglactin Suture	2/0	3	70cm	3/8 Rev. Cut	30mm
VML510-P	Violet Polyglactin Suture	2/0	3	90cm	1/2 Taper Blunt	35mm
VML512-P	Violet Polyglactin Suture	2/0	3	70cm	1/2 Taper Fine	36mm
VML514-P	Violet Polyglactin Suture	2/0	3	70cm	1/2 Taper	36mm
VML514-1P	Violet Polyglactin Suture	2/0	3	90cm	1/2 Taper	35mm
VML514-JP	Violet Polyglactin Suture	2/0	3	75cm	"J" Type Taper Heavy	36mm
VML516-P	Violet Polyglactin Suture	2/0	3	90cm	1/2 Rev. Cut	36mm
VML518-P	Undyed Polyglactin Suture	2/0 B	3	90cm	1/2 Rev. Cut	36mm
VML520-P	Violet Polyglactin Suture	2/0	3	90cm	1/2 Taper Cut	36mm
VML522-P	Violet Polyglactin Suture	2/0	3	90cm	1/2 Taper Heavy	40mm
VML524-P	Violet Polyglactin Suture	2/0	3	90cm	1/2 Rev. Cut	40mm
VML526-P	Violet Polyglactin Suture	2/0	3	90cm	1/2 Rev. Cut	41mm
VML528-P	Undyed Polyglactin Suture	2/0 B	3	70cm	Straight Conv. Cut	60mm
VML530-P	Violet Polyglactin Suture	2/0	3	70cm	Straight Conv. Cut	60mm
VML534-P	Violet Polyglactin Suture	3/0	2	5 x 70cm	Ligature x 5	
VML536-P	Violet Polyglactin Suture	3/0	2	135cm	Ligature	
VML536-1P	Violet Polyglactin Suture	3/0	2	75cm	Ligature	
VML536-75P	Violet Polyglactin Suture	3/0	2	6 x 75mm	Ligature	
VML537-P	Violet Polyglactin Suture	3/0	2	75cm	1/2 Taper Cut	17mm
VML538-P	Violet Polyglactin Suture	3/0	2	70cm	1/2 Taper	17.4mm
VML540-P	Undyed Polyglactin Suture	3/0 B	2	45cm	3/8 Rev. Cut PC	17.6mm
VML542-P	Violet Polyglactin Suture	3/0	2	45cm	3/8 Rev. Cut	19mm
VML543-P	Undyed Polyglactin Suture	3/0 B	2	45cm	3/8 Conv. Cut	19mm
VML543-1P	Violet Polyglactin Suture	3/0	2	75cm	3/8 Conv. Cut	19mm
VML544-P	Undyed Polyglactin Suture	3/0 B	2	45cm	3/8 Rev. Cut PC	21mm
VML546-P	Undyed Polyglactin Suture	3/0 B	2	45cm	1/2 Rev. Cut	22mm

*** High Visibility Black Needle



SUTURES ABSORBABLE SYNTHETIC

- PREMIUM RANGE -



VIAMAC LA BRAIDED SYNTHETIC ABSORBABLE (VML)

SCIMITAR CODE	PRODUCT DESCRIPTION		USP SIZE	METRIC SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
VML548-P	Violet Polyglactin Suture		3/0	2	70cm	1/2 Taper	22mm
VML548-1P	Violet Polyglactin Suture		3/0	2	90cm	1/2 Taper	22mm
VML548-2P	Violet Polyglactin Suture		3/0	2	70cm	1/2 Taper	20mm
VML550-P	Violet Polyglactin Suture		3/0	2	70cm	3/8 Rev. Cut	24mm
VML552-P	Undyed Polyglactin Suture		3/0 B	2	70cm	3/8 Rev. Cut	24mm
VML554-P	Undyed Polyglactin Suture		3/0 B	2	45cm	3/8 Rev. Cut PC	24mm
VML556-P	Violet Polyglactin Suture		3/0	2	70cm	3/8 Conv. Cut PC	25mm
VML558-P	Violet Polyglactin Suture		3/0	2	70cm	1/2 Taper Fine	26mm
VML558-1P	Violet Polyglactin Suture		3/0	2	90cm	1/2 Taper Fine	26mm
VML558-2P	Violet Polyglactin Suture		3/0	2	75cm	1/2 Taper Fine	26mm
VML558-9P	Violet Polyglactin Suture	***	3/0	2	70cm	1/2 Taper Fine	26mm
VML560-P	Violet Polyglactin Suture		3/0	2	70cm	1/2 Taper	26.6mm
VML561-P	Violet Polyglactin Suture		3/0	2	70cm	1/2 Rev. Cut	26mm
VML561-2P	Violet Polyglactin Suture		3/0	2	70cm	1/2 Rev. Cut	26mm
VML562-P	Violet Polyglactin Suture		3/0	2	70cm	1/2 Taper	30mm
VML562-1P	Violet Polyglactin Suture		3/0	2	75cm	1/2 Taper	30mm
VML564-P	Violet Polyglactin Suture		3/0	2	70cm	3/8 Rev. Cut	30mm
VML566-P	Violet Polyglactin Suture		3/0	2	90cm	1/2 Taper Blunt	35mm
VML568-P	Violet Polyglactin Suture		3/0	2	70cm	1/2 Taper Fine	36mm
VML569-P	Violet Polyglactin Suture		3/0	2	70cm	Straight Conv. Cut	60mm
VML569-1P	Undyed Polyglactin Suture		3/0 B	2	70cm	Straight Conv. Cut	60mm
VML570-P	Violet Polyglactin Suture		4/0	1.5	5 x 70cm	Ligature x 5	
VML571-P	Violet Polyglactin Suture		4/0	1.5	135cm	Ligature	
VML571-1P	Violet Polyglactin Suture		4/0	1.5	75cm	Ligature	
VML572-P	Violet Polyglactin Suture		4/0	1.5	45cm	3/8 Rev. Cut	13mm
VML572-1P	Violet Polyglactin Suture		4/0	1.5	45cm	3/8 Rev. Cut	12mm
VML572-2P	Violet Polyglactin Suture		4/0	1.5	75cm	1/2 Taper	12mm
VML573-P	Undyed Polyglactin Suture		4/0 B	1.5	45cm	3/8 Rev. Cut PC	12.9mm
VML574-P	Violet Polyglactin Suture		4/0	1.5	70cm	1/2 Taper	17.4mm
VML574-1P	Violet Polyglactin Suture		4/0	1.5	45cm	3/8 Taper	17mm
VML574-2P	Violet Polyglactin Suture		4/0	1.5	75cm	1/2 Taper	16mm
VML574-3P	Violet Polyglactin Suture		4/0	1.5	75cm	5/8 Taper Cut	17mm
VML575-P	Undyed Polyglactin Suture		4/0 B	1.5	45cm	3/8 Rev. Cut PC	17.6mm
VML576-P	Violet Polyglactin Suture		4/0	1.5	45cm	3/8 Rev. Cut	19mm
VML576-1P	Undyed Polyglactin Suture		4/0 B	1.5	45cm	3/8 Conv. Cut	19mm
VML576-2P	Undyed Polyglactin Suture		4/0 B	1.5	75cm	3/8 Conv. Cut	19mm
VML576-3P	Undyed Polyglactin Suture		4/0 B	1.5	70cm	3/8 Rev. Cut	19mm
VML576-4P	Violet Polyglactin Suture		4/0	1.5	75cm	3/8 Rev. Cut	19mm
VML577-P	Violet Polyglactin Suture		4/0	1.5	70cm	1/2 Taper	20mm
VML578-P	Violet Polyglactin Suture		4/0	1.5	45cm	3/8 Rev. Cut PC	21mm
VML579-P	Violet Polyglactin Suture		4/0	1.5	70cm	1/2 Taper Fine	22mm
VML579-1P	Violet Polyglactin Suture		4/0	1.5	75cm	1/2 Taper Fine	22mm
VML580-P	Violet Polyglactin Suture		4/0	1.5	70cm	3/8 Rev. Cut	24mm
VML581-P	Violet Polyglactin Suture		4/0	1.5	70cm	3/8 Rev. Cut	24mm
VML582-P	Violet Polyglactin Suture		4/0	1.5	45cm	3/8 Rev. Cut PC	25mm

*** High Visibility Black Needle



SUTURES ABSORBABLE
SYNTHETIC



- PREMIUM RANGE -

VIAMAC LA BRAIDED SYNTHETIC ABSORBABLE (VML)

SCIMITAR CODE	PRODUCT DESCRIPTION	USP SIZE	METRIC SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
VML583-P	Violet Polyglactin Suture	5/0	1	45cm	1/4 Spatula x 2	8.5mm
VML584-P	Undyed Polyglactin Suture	5/0 B	1	45cm	1/2 Taper	13mm
VML584-1P	Violet Polyglactin Suture	5/0	1	75cm	1/2 Taper	13mm
VML585-P	Violet Polyglactin Suture	5/0	1	45cm	3/8 Rev. Cut PC	12.9mm
VML586-P	Violet Polyglactin Suture	5/0	1	45cm	3/8 Rev. Cut	13mm
VML586-1P	Violet Polyglactin Suture	5/0	1	75cm	3/8 Rev. Cut	13mm
VML587-P	Undyed Polyglactin Suture	5/0 B	1	45cm	3/8 Rev. Cut	13mm
VML588-P	Violet Polyglactin Suture	5/0	1	45cm	3/8 Rev. Cut	16mm
VML588-1P	Violet Polyglactin Suture	5/0	1	45cm	3/8 Conv. Cut	16mm
VML588-2P	Violet Polyglactin Suture	5/0	1	75cm	1/2 Taper	16mm
VML589-P	Violet Polyglactin Suture	5/0	1	45cm	3/8 Rev. Cut	19mm
VML590-P	Undyed Polyglactin Suture	5/0 B	1	45cm	3/8 Rev. Cut PC	19mm
VML590-1P	Violet Polyglactin Suture	5/0	1	45cm	3/8 Cut	19mm
VML590-7P	Violet Polyglactin Suture	5/0	1	70cm	1/2 Taper	30mm
VML591-P	Violet Polyglactin Suture	6/0	0.7	45cm	5/8 Taper	10mm
VML592-P	Undyed Polyglactin Suture	6/0 B	0.7	45cm	3/8 Rev. Cut PC	12mm
VML593-P	Violet Polyglactin Suture	6/0	0.7	45cm	1/2 Taper	13mm
VML594-P	Violet Polyglactin Suture	6/0	0.7	45cm	3/8 Rev. Cut	13mm
VML596-P	Undyed Polyglactin Suture	6/0 B	0.7	45cm	3/8 Rev. Cut	13mm

SUTURES ABSORBABLE SYNTHETIC



PRODUCT CATALOGUE

Sutures/Needles

MACZYN MONOFILAMENT POLYDIOXANONE (MZ)

Polydioxanone Monofilament Synthetic Absorbable Sutures

Description

MACZYN sutures are synthetic absorbable monofilament sutures composed of a Poly(p-dioxanone).

MACZYN sutures are available dyed violet with D & C violet No. 2 or undyed, in various lengths, diameters and with surgical needles attached. The sutures are supplied sterile in boxes of twelve.

Features

Due to the monofilament smoothness of this material Maczyn sutures virtually eliminate tissue trauma with minimal tissue drag..

MACZYN sutures retain their strength in tissue for twice as long as other synthetic absorbable suture materials.

Indications

MACZYN sutures are indicated for use in general soft tissue approximation and / or ligation, including use in paediatric cardiovascular tissue where growth is expected to occur and ophthalmic surgery, but not in adult cardiovascular and neurological procedures.

Maczyn sutures are not to be used where prolonged(beyond six weeks) approximation of tissue under stress is required and are not used in conjunction with prosthetic devices such as heart valves and synthetic grafts.

Actions

MACZYN sutures elicit 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 MACZYN synthetic absorbable sutures occurs by means of hydrolysis.

Implantation studies indicate that MACZYN sutures retain approximately 70% of the original tensile strength at 2 weeks post implantation, and approximately 50% at 4 to five weeks post implantation dependent on gauge size.

At six weeks approximately 25% of the original tensile strength is retained.

Absorption of MACZYN sutures is essentially complete within seven months.

Tissue trauma is virtually eliminated due to the monofilament smoothness of this material Maczyn.

Sterilization

Sterilization is by exposure to ethylene oxide gas.



SUTURES ABSORBABLE SYNTHETIC

- PREMIUM RANGE -



MACZYN MONOFILAMENT POLYDIOXANONE (MZ)

SCIMITAR CODE	PRODUCT DESCRIPTION	USP SIZE	METRIC SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
MZ409-P	Violet Polydioxanone Suture	2	5	90cm	1/2 Taper	45mm
MZ412-P	Violet Polydioxanone Suture	2	5	90cm	1/2 Taper	48mm
MZ424-P	Violet Polydioxanone Suture	1	4	70cm	1/2 Taper	36mm
MZ426-P	Violet Polydioxanone Suture	1	4	90cm	1/2 Rev. Cut	36mm
MZ430-P	Violet Polydioxanone Suture	1	4	90cm	1/2 Taper Heavy	40mm
MZ432-P	Violet Polydioxanone Suture	1	4	90cm	1/2 Rev. Cut	40mm
MZ442-P	Violet Polydioxanone Suture	1	4	90cm	1/2 Taper Heavy	48mm
MZ443-2P	Violet Polydioxanone Suture	1	4	2 x 120cm	1/2 Taper Cut	48mm
MZ443-P	Violet Polydioxanone Suture	1	4	2 x 12cm	1/2 Taper Point	50mm
MZ444-P	Violet Polydioxanone Suture	1	4	90cm	1/2 Rev. Cut	48mm
MZ447-P	Violet Polydioxanone Suture	1	4	70cm	1/2 Taper Cut	50mm
MZ449-P	Violet Polydioxanone Suture, Loop	1	4	150 loop	1/2 Taper Blunt	50mm
MZ451-P	Violet Polydioxanone Suture, Loop	1	4	120 loop (120x120cm)	1/2 Taper	65mm
MZ459-P	Violet Polydioxanone Suture	0	3.5	70cm	1/2 Taper	30mm
MZ470-P	Violet Polydioxanone Suture	0	3.5	70cm	1/2 Rev. Cut	36mm
MZ473-P	Violet Polydioxanone Suture	0	3.5	90cm	1/2 Rev. Cut	40mm
MZ474-P	Violet Polydioxanone Suture	0	3.5	90cm	1/2 Taper Heavy	40mm
MZ488-P	Violet Polydioxanone Suture	2/0	3	70cm	3/8 Rev. Cut	24mm
MZ489-P	Undyed Polydioxanone Suture	2/0 B	3	70cm	3/8 Rev. Cut	24mm
MZ494-P	Violet Polydioxanone Suture	2/0	3	70cm	3/8 Rev. Cut PC	26mm
MZ496-P	Violet Polydioxanone Suture	2/0	3	70cm	1/2 Taper	26mm
MZ496-1P	Violet Polydioxanone Suture	2/0	3	70cm	1/2 Taper	25mm
MZ504-P	Violet Polydioxanone Suture	2/0	3	70cm	1/2 Taper	30mm
MZ506-P	Violet Polydioxanone Suture	2/0	3	70cm	3/8 Rev. Cut	30mm
MZ512-P	Violet Polydioxanone Suture	2/0	3	70cm	1/2 Taper	36mm
MZ516-P	Violet Polydioxanone Suture	2/0	3	70cm	1/2 Rev. Cut	36mm
MZ519-P	Violet Polydioxanone Suture	2/0	3	70cm	3/8 Rev. Cut	36mm
MZ530-P	Violet Polydioxanone Suture	2/0	3	70cm	Straight Conv. Cut	60mm
MZ542-P	Violet Polydioxanone Suture	3/0	2	45cm	3/8 Rev. Cut	19mm
MZ542-1P	Violet Polydioxanone Suture	3/0	2	70cm	3/8 Rev. Cut	19mm
MZ543-P	Undyed Polydioxanone Suture	3/0 B	2	45cm	3/8 Rev. Cut	19mm
MZ547-P	Violet Polydioxanone Suture	3/0	2	70cm	1/2 Taper	20mm
MZ548-P	Violet Polydioxanone Suture	3/0	2	70cm	1/2 Taper	22mm
MZ549-P	Undyed Polydioxanone Suture	3/0 B	2	70cm	3/8 Conv. Cut	24mm
MZ551-P	Undyed Polydioxanone Suture	3/0 B	2	70cm	3/8 Rev. Cut	24mm
MZ552-P	Violet Polydioxanone Suture	3/0	2	70cm	3/8 Rev. Cut	24mm
MZ554-P	Violet Polydioxanone Suture	3/0	2	70cm	3/8 Rev. Cut PC	24mm
MZ555-P	Undyed Polydioxanone Suture	3/0 B	2	45cm	3/8 Rev. Cut PC	24mm
MZ558-P	Violet Polydioxanone Suture	3/0	2	70cm	1/2 Taper	26mm
MZ558-1P	Violet Polydioxanone Suture	3/0	2	70cm	1/2 Taper	25mm
MZ562-P	Violet Polydioxanone Suture	3/0	2	70cm	1/2 Taper	30mm
MZ565-P	Violet Polydioxanone Suture	3/0	2	70cm	1/2 Taper Fine	36mm
MZ569-P	Violet Polydioxanone Suture	3/0	2	70cm	Straight Conv. Cut	60mm



SUTURES ABSORBABLE
SYNTHETIC



- PREMIUM RANGE -

MACZYN MONOFILAMENT POLYDIOXANONE (MZ)

SCIMITAR CODE	PRODUCT DESCRIPTION	USP SIZE	METRIC SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
MZ571-P	Undyed Polydioxanone Suture	4/0 B	1.5	45cm	3/8 Rev. Cut	13mm
MZ574-P	Violet Polydioxanone Suture	4/0	1.5	70cm	1/2 Taper	17mm
MZ575-P	Undyed Polydioxanone Suture	4/0 B	1.5	45cm	3/8 Rev. Cut PC	18mm
MZ575-1P	Undyed Polydioxanone Suture	4/0 B	1.5	70cm	3/8 Rev. Cut PC	18mm
MZ576-P	Violet Polydioxanone Suture	4/0	1.5	45cm	3/8 Rev. Cut	18mm
MZ576-1P	Violet Polydioxanone Suture	4/0	1.5	100cm	3/8 Rev. Cut	18mm
MZ577-P	Violet Polydioxanone Suture	4/0	1.5	70cm	1/2 Taper	22mm
MZ580-P	Violet Polydioxanone Suture	4/0	1.5	70cm	3/8 Rev. Cut	24mm
MZ581-P	Undyed Polydioxanone Suture	4/0 B	1.5	70cm	3/8 Rev. Cut	24mm
MZ583-P	Undyed Polydioxanone Suture	4/0	1.5	70cm	1/2 Taper Fine	26mm
MZ590-P	Undyed Polydioxanone Suture	5/0 B	1	45cm	3/8 Rev. Cut	13mm
MZ591-P	Violet Polydioxanone Suture	5/0	1	75cm	1/2 Taper	13mm
MZ591-1P	Violet Polydioxanone Suture, Double Armed	5/0	1	75cm	1/2 Taper x 2	13mm
MZ593-P	Violet Polydioxanone Suture	5/0	1	70cm	3/8 Rev. Cut	16mm
MZ594-P	Violet Polydioxanone Suture	5/0	1	70cm	1/2 Taper Fine	17mm

SUTURES ABSORBABLE SYNTHETIC



PRODUCT CATALOGUE

Sutures/Needles

MONOZYL MONOFILAMENT POLYGLYCAPROLACTONE (YN)

Poly(Glycolide-Co-Caprolactone), Monofilament Synthetic Absorbable Sutures

Description

MONOZYL sutures are synthetic absorbable monofilament sutures composed of a Poly(glycolide-co-caprolactone).

MONOZYL sutures are available dyed violet with D & C violet No. 2 or undyed, in various lengths, diameters and with surgical needles attached.

The sutures are supplied sterile in boxes of twelve.

Features

Due to the monofilament smoothness of this material MONOZYL sutures virtually eliminate tissue trauma with minimal tissue drag.

Indications

MONOZYL sutures are indicated for use in all types of soft tissue approximation and / or ligation where an absorbable material is indicated.

MONOZYL sutures are not to be used where prolonged approximation of tissue under stress is required and are not used in conjunction with prosthetic devices such as heart valves and synthetic grafts.

Actions

MONOZYL sutures elicit 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 MONOZYL synthetic absorbable sutures occurs by means of hydrolysis.

Implantation studies indicate that MONOZYL suture retains approximately 50 to 60% of the original tensile strength at 7 days post implantation, and approximately 20 to 30% at 2 weeks post implantation dependent on gauge size.

All the original tensile strength is lost by 28 days. Absorption of MONOZYL sutures is essentially complete within three to four months.

The monofilament smoothness of this material, MONOZYL* sutures virtually eliminate tissue trauma with minimal tissue drag.

Sterilization

Sterilization is by exposure to ethylene oxide gas.



SUTURES ABSORBABLE SYNTHETIC

- PREMIUM RANGE -



SCIMITAR
SURGICAL SUTURES

MONOZYL MONOFILAMENT POLYGLYCOLIC-CO-CAPROLACTONE (YN)

SCIMITAR CODE	PRODUCT DESCRIPTION	USP SIZE	METRIC SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
YN222-P	Violet Polyglycolic-co-Caprolactone Suture	1	4	70cm	1/2 Taper	30mm
YN228-P	Violet Polyglycolic-co-Caprolactone Suture	1	4	70cm	1/2 Taper	36mm
YN232-P	Violet Polyglycolic-co-Caprolactone Suture	1	4	70cm	1/2 Taper	40mm
YN234-P	Violet Polyglycolic-co-Caprolactone Suture	1	4	90cm	1/2 Taper Heavy	40mm
YN238-P	Violet Polyglycolic-co-Caprolactone Suture	1	4	90cm	1/2 Rev. Cut	40mm
YN242-P	Violet Polyglycolic-co-Caprolactone Suture	1	4	90cm	1/2 Taper Heavy	48mm
YN244-P	Violet Polyglycolic-co-Caprolactone Suture	1	4	90cm	1/2 Mayo	45mm
YN260-P	Violet Polyglycolic-co-Caprolactone Ligature	0	3.5	150cm	Ligature	
YN266-P	Violet Polyglycolic-co-Caprolactone Suture	0	3.5	70cm	1/2 Taper Fine	30mm
YN270-P	Violet Polyglycolic-co-Caprolactone Suture	0	3.5	70cm	1/2 Taper Fine	35mm
YN274-P	Violet Polyglycolic-co-Caprolactone Suture	0	3.5	70cm	1/2 Taper Cut	35mm
YN276-P	Violet Polyglycolic-co-Caprolactone Suture	0	3.5	70cm	1/2 Rev. Cut	36mm
YN278-P	Violet Polyglycolic-co-Caprolactone Suture	0	3.5	70cm	1/2 Taper	40mm
YN284-P	Violet Polyglycolic-co-Caprolactone Suture	0	3.5	90cm	1/2 Taper Blunt	40mm
YN290-P	Violet Polyglycolic-co-Caprolactone Ligature	2/0	3	150cm	Ligature	
YN292-P	Violet Polyglycolic-co-Caprolactone Suture	2/0	3	70cm	1/2 Taper Cut	25mm
YN294-P	Violet Polyglycolic-co-Caprolactone Suture	2/0	3	70cm	1/2 Taper	26mm
YN296-P	Violet Polyglycolic-co-Caprolactone Suture	2/0	3	70cm	3/8 Rev. Cut	26mm
YN300-P	Violet Polyglycolic-co-Caprolactone Suture	2/0	3	70cm	5/8 Taper	27mm
YN304-P	Violet Polyglycolic-co-Caprolactone Suture	2/0	3	70cm	1/2 Taper Fine	30mm
YN306-P	Violet Polyglycolic-co-Caprolactone Suture	2/0	3	70cm	1/2 Taper Blunt	30mm
YN312-P	Violet Polyglycolic-co-Caprolactone Suture	2/0	3	70cm	1/2 Taper Fine	36mm
YN313-P	Undyed Polyglycolic-co-Caprolactone Suture	2/0 B	3	70cm	3/8 Rev. Cut	36mm
YN314-P	Violet Polyglycolic-co-Caprolactone Suture	2/0	3	70cm	1/2 Rev. Cut	36mm
YN321-P	Undyed Polyglycolic-co-Caprolactone Suture	2/0 B	3	70cm	Straight Conv. Cut	60mm
YN332-P	Violet Polyglycolic-co-Caprolactone Suture	3/0	2	70cm	1/2 Taper	17mm
YN334-P	Undyed Polyglycolic-co-Caprolactone Suture	3/0 B	2	70cm	3/8 Rev. Cut	19mm
YN335-P	Undyed Polyglycolic-co-Caprolactone Suture	3/0 B	2	70cm	3/8 Rev. Cut PC	19mm
YN336-P	Undyed Polyglycolic-co-Caprolactone Suture	3/0 B	2	45cm	3/8 Rev. Cut	19mm
YN341-P	Undyed Polyglycolic-co-Caprolactone Suture	3/0 B	2	70cm	3/8 Rev. Cut PC	24mm
YN341-1P	Undyed Polyglycolic-co-Caprolactone Suture	3/0 B	2	45cm	3/8 Rev. Cut PC	24mm
YN342-P	Undyed Polyglycolic-co-Caprolactone Suture	3/0 B	2	75cm	3/8 Rev. Cut	26mm
YN342-1P	Violet Polyglycolic-co-Caprolactone Suture	3/0	2	75cm	3/8 Rev. Cut	26mm
YN343-P	Undyed Polyglycolic-co-Caprolactone Suture	3/0 B	2	70cm	1/2 Taper	26mm
YN343-1P	Violet Polyglycolic-co-Caprolactone Suture	3/0	2	70cm	1/2 Taper	26mm
YN345-P	Violet Polyglycolic-co-Caprolactone Suture	3/0	2	70cm	5/8 Taper	27mm
YN346-P	Violet Polyglycolic-co-Caprolactone Suture	3/0	2	70cm	1/2 Taper Fine	30mm
YN352-P	Undyed Polyglycolic-co-Caprolactone Suture	3/0 B	2	70cm	Straight Conv. Cut	60mm
YN364-P	Undyed Polyglycolic-co-Caprolactone Suture	4/0 B	1.5	45cm	3/8 Rev. Cut PC	13mm
YN366-P	Violet Polyglycolic-co-Caprolactone Suture	4/0	1.5	70cm	1/2 Taper	17mm
YN368-P	Undyed Polyglycolic-co-Caprolactone Suture	4/0 B	1.5	45cm	3/8 Rev. Cut	16mm
YN369-P	Undyed Polyglycolic-co-Caprolactone Suture	4/0 B	1.5	45cm	3/8 Rev. Cut	19mm
YN370-P	Undyed Polyglycolic-co-Caprolactone Suture	4/0 B	1.5	70cm	3/8 Rev. Cut	19mm
YN371-P	Undyed Polyglycolic-co-Caprolactone Suture	4/0 B	1.5	70cm	3/8 Rev. Cut PC	19mm



SUTURES ABSORBABLE
SYNTHETIC - PREMIUM RANGE -



MONOZYL MONOFILAMENT POLYGLYCOLIC-CO-CAPROLACTONE (YN)

SCIMITAR CODE	PRODUCT DESCRIPTION	USP SIZE	METRIC SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
YN382-P	Undyed Polyglycolic-co-Caprolactone Suture	5/0 B	1	45cm	3/8 Rev. Cut PC	13mm
YN385-P	Violet Polyglycolic-co-Caprolactone Suture	5/0	1	45cm	3/8 Rev. Cut	16mm
YN385-1P	Undyed Polyglycolic-co-Caprolactone Suture	5/0 B	1	45cm	3/8 Rev. Cut	16mm
YN386-P	Undyed Polyglycolic-co-Caprolactone Suture	5/0 B	1	70cm	3/8 Rev. Cut	19mm
YN392-P	Undyed Polyglycolic-co-Caprolactone Suture	6/0 B	0.7	45cm	3/8 Rev. Cut PC	11.2mm
YN396-P	Violet Polyglycolic-co-Caprolactone Suture, Double Armed	6/0	0.7	45cm	Straight Conv. Cut x 2	18mm

SUTURES NON-ABSORBABLE NATURAL



PRODUCT CATALOGUE

Sutures/Needles

BRAIDED SILK (BS)

Braided Silk, Non-Absorbable Sutures

Description

Silk is a non-absorbable suture composed of an organic protein called fibroin. This protein is derived from the domesticated species *Bombyx mori* (B. Mori) of the family Bombycidae.

The silk fibres are treated to remove the naturally occurring sericin gum, bleached and braided. The sutures are available coated uniformly with silicon to increase surface lubricity and enhance handling characteristics, ease of passage through tissue and knot run down properties. SCIMITAR Silk is available coloured black with Logwood extract, in various lengths, diameters and with or without surgical needles.

Silk braided sutures meet all requirements of the European Pharmacopoeia for non-absorbable surgical sutures.

Indications

Silk sutures are indicated for use in general soft tissue approximation and/or ligation, including use in ophthalmic and neurological procedures. These silk sutures are not recommended for use in contact with the heart, the central circulatory system and the central nervous system.

Actions

Silk suture elicits an acute inflammatory reaction in tissue, which is followed by gradual encapsulation of the suture by fibrous connective tissue. While Silk braided sutures are not absorbed, progressive degradation of the proteinaceous silk fibre in vivo may result in a gradual loss of all of the suture's tensile strength within one year.

Increased surface lubricity and enhanced handling characteristics.

Sterilization

Sterilization is by exposure to ethylene oxide gas.

Ease of passage through tissue and knot run down properties.



SUTURES NON-ABSORBABLE NATURAL



- PREMIUM RANGE -

BRAIDED SILK (BS)

SCIMITAR CODE	PRODUCT DESCRIPTION	USP SIZE	METRIC SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
BS600-P	Black Braided Silk Ligature	3	6	180cm	Ligature	
BS602-P	Black Braided Silk Ligature	2	5	180cm	Ligature	
BS604-P	Black Braided Silk Suture	2	5	100cm	3/8 Colt	90mm
BS606-P	Black Braided Silk Ligature	1	4	180cm	Ligature	
BS607-P	Black Braided Silk Suture	1	4	75cm	3/8 Rev. Cut	26mm
BS608-P	White Braided Silk Suture	1 White	4	75cm	1/2 Taper	30mm
BS608-1P	Black Braided Silk Suture	1	4	75cm	1/2 Taper	30mm
BS609-P	Black Braided Silk Suture	1	4	45cm	3/8 Rev. Cut	30mm
BS610-P	White Braided Silk Suture	1 White	4	75cm	1/2 Taper	37mm
BS612-P	Black Braided Silk Suture	1	4	75cm	1/2 Taper	38mm
BS614-P	Black Braided Silk Suture	1	4	100cm	3/8 Colt	90mm
BS616-P	Black Braided Silk Suture, Double Armed	1	4	75cm	3/8 Colt x 2	90mm
BS618-P	Black Braided Silk Ligature	0	3.5	180cm	Ligature	
BS618-1P	Black Braided Silk Ligature	0	3.5	75cm	Ligature	
BS618-2P	Black Braided Silk Ligature	0	3.5	100cm	Ligature	
BS620-P	Black Braided Silk Suture	0	3.5	75cm	1/2 Taper	30mm
BS622-P	Black Braided Silk Suture	0	3.5	45cm	3/8 Rev. Cut	30mm
BS622-1P	Black Braided Silk Suture	0	3.5	75cm	3/8 Rev. Cut	30mm
BS623-P	Black Braided Silk Suture	0	3.5	75cm	1/2 Taper	40mm
BS624-P	Black Braided Silk Suture	0	3.5	75cm	3/8 Rev. Cut	45mm
BS625-P	Black Braided Silk Suture	0	3.5	75cm	3/8 Conv. Cut	55mm
BS626-P	Black Braided Silk Suture	0	3.5	75cm	Straight Conv. Cut	60mm
BS628-P	Black Braided Silk Suture	0	3.5	100cm	3/8 Colt	80mm
BS630-P	Black Braided Silk Suture	0	3.5	100cm	3/8 Colt	90mm
BS632-P	Black Braided Silk Ligature	2/0	3	180cm	Ligature	
BS633-P	Black Braided Silk Suture	2/0	3	75cm	1/2 Taper	20mm
BS634-P	Black Braided Silk Suture	2/0	3	45cm	3/8 Rev. Cut PC	25mm
BS636-P	Black Braided Silk Suture	2/0	3	75cm	1/2 Taper	25mm
BS637-P	Black Braided Silk Suture	2/0	3	75cm	3/8 Conv. Cut	26mm
BS638-P	Black Braided Silk Suture	2/0	3	45cm	3/8 Rev. Cut	26mm
BS639-P	Black Braided Silk Suture	2/0	3	45cm	1/2 Taper	30mm
BS639-1P	Black Braided Silk Suture	2/0	3	75cm	1/2 Taper	30mm
BS640-P	Black Braided Silk Suture	2/0	3	45cm	3/8 Rev. Cut	30mm
BS640-1P	Black Braided Silk Suture	2/0	3	75cm	3/8 Rev. Cut	30mm
BS641-P	Black Braided Silk Suture	2/0	3	75cm	1/2 Taper	37mm
BS642-P	Black Braided Silk Suture	2/0	3	75cm	Straight Conv. Cut	60mm
BS644-P	Black Braided Silk Suture	2/0	3	100cm	3/8 Colt	80mm
BS646-P	Black Braided Silk Suture	2/0	3	100cm	3/8 Colt	90mm
BS648-P	Black Braided Silk Ligature	3/0	2	180cm	Ligature	
BS649-P	Black Braided Silk Suture	3/0	2	75cm	1/2 Taper	16mm
BS649-1P	Black Braided Silk Suture	3/0	2	45cm	3/8 Rev. Cut	16mm
BS650-P	Black Braided Silk Suture	3/0	2	75cm	3/8 Conv. Cut	16mm
BS652-P	Black Braided Silk Suture	3/0	2	45cm	1/2 Rev. Cut	17mm
BS654-P	Black Braided Silk Suture, Double Armed	3/0	2	60cm	1/2 Taper x 2	17.4mm
BS656-P	Black Braided Silk Suture	3/0	2	45cm	3/8 Conv. Cut	19mm
BS656-1P	Black Braided Silk Suture	3/0	2	75cm	3/8 Conv. Cut	19mm



SUTURES NON-ABSORBABLE NATURAL



- PREMIUM RANGE -

BRAIDED SILK (BS)

SCIMITAR CODE	PRODUCT DESCRIPTION	USP SIZE	METRIC SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
BS658-P	Black Braided Silk Suture	3/0	2	45cm	3/8 Rev. Cut	19mm
BS660-P	Black Braided Silk Suture	3/0	2	75cm	1/2 Taper	20mm
BS660-1P	Black Braided Silk Suture	3/0	2	45cm	1/2 Taper	22mm
BS662-P	Black Braided Silk Suture	3/0	2	45cm	1/2 Rev. Cut	23mm
BS664-P	Black Braided Silk Suture	3/0	2	45cm	3/8 Rev. Cut	24mm
BS664-1P	Black Braided Silk Suture	3/0	2	45cm	3/8 Rev. Cut	26mm
BS666-P	Black Braided Silk Suture	3/0	2	45cm	3/8 Conv. Cut PC	25mm
BS666-1P	Black Braided Silk Suture	3/0	2	75cm	1/2 Conv. Cut	25mm
BS668-P	Black Braided Silk Suture	3/0	2	75cm	1/2 Taper	26mm
BS670-P	Black Braided Silk Suture	3/0	2	75cm	1/2 Taper Fine	30mm
BS671-P	Black Braided Silk Suture	3/0	2	75cm	1/2 Taper	36mm
BS672-P	Black Braided Silk Suture	3/0	2	75cm	3/8 Rev. Cut	39mm
BS674-P	Black Braided Silk Ligature	4/0	1.5	180cm	Ligature	
BS676-P	Black Braided Silk Suture	4/0	1.5	45cm	3/8 Rev. Cut	13mm
BS678-P	Black Braided Silk Suture, Double Armed	4/0	1.5	30cm	3/8 Rev. Cut x 2	13mm
BS680-P	Black Braided Silk Suture	4/0	1.5	45cm	3/8 Rev. Cut PC	12.9mm
BS682-P	Black Braided Silk Suture, Double Armed	4/0	1.5	45cm	3/8 Rev Cut PC x 2	13mm
BS683-P	Black Braided Silk Suture	4/0	1.5	75cm	1/2 Taper	16mm
BS684-P	Black Braided Silk Suture	4/0	1.5	45cm	3/8 Rev. Cut	16mm
BS684-1P	Black Braided Silk Suture	4/0	1.5	75cm	3/8 Conv. Cut	16mm
BS686-P	Black Braided Silk Suture	4/0	1.5	45cm	3/8 Conv. Cut	19mm
BS688-P	Black Braided Silk Suture	4/0	1.5	45cm	3/8 Rev. Cut	19mm
BS690-P	Black Braided Silk Suture	4/0	1.5	75cm	1/2 Taper	20mm
BS692-P	Black Braided Silk Suture	4/0	1.5	45cm	3/8 Rev. Cut	25mm
BS693-P	Black Braided Silk Ligature	5/0	1	75cm	Ligature	
BS694-P	Black Braided Silk Suture, Double Armed	5/0	1	45cm	3/8 Rev. Cut x 2	13mm
BS695-P	Black Braided Silk Suture	5/0	1	45cm	3/8 Rev. Cut	13mm
BS695-1P	Black Braided Silk Suture	5/0	1	75cm	3/8 Conv. Cut	16mm
BS696-P	Black Braided Silk Suture	5/0	1	45cm	3/8 Rev. Cut	19mm
BS697-P	Black Braided Silk Suture, Double Armed	6/0	0.7	45cm	3/8 Rev. Cut x 2	13mm
BS697-2P	Black Braided Silk Suture	6/0	0.7	45cm	3/8 Rev. Cut	11mm
BS698-P	Black Braided Silk Suture	6/0	0.7	45cm	3/8 Rev. Cut	13mm
BS699-P	Black Braided Silk Suture	6/0	0.7	45cm	3/8 Rev. Cut	16mm

SUTURES NON-ABSORBABLE SYNTHETIC



PRODUCT CATALOGUE

Sutures/Needles

NYLON (NY)

Monofilament Polyamide, Non-Absorbable Sutures

Description

NYLON sutures are a non-absorbable sterile suture composed of the long-chain aliphatic polymer Nylon 6.

The sutures are produced in a monofilament construction, dyed with Copper Phthalocyanine Blue, in various lengths, diameters and with surgical needles attached.

The sutures are supplied sterile in boxes of twelve.

Nylon sutures meet all the requirements of the European Pharmacopeia for non-absorbable surgical sutures.

Indications

Nylon is indicated for use in general soft tissue approximation and/or ligation, including use in cardiovascular, ophthalmic, neurological and cuticular surgery.

Actions

Nylon sutures elicit a minimal acute inflammatory reaction in tissue, which is followed by gradual encapsulation of the suture by fibrous connective tissue. Which is not absorbed, progressive hydrolysis of the Nylon in vivo may result in gradual loss of up to 20% of its tensile strength per year.

Nylon sutures should not be used where permanent retention of tensile strength is required, as in fixation of intraocular lenses or synthetic vascular grafts.

Monofilament construction, produced in various lengths and diameters, with surgical needles attached.

Sterilization

Sterilization is by exposure to ethylene oxide gas



SUTURES NON-ABSORBABLE SYNTHETIC



SCIMITAR
SURGICAL SUTURES

- PREMIUM RANGE -

NYLON (NY)

SCIMITAR CODE	PRODUCT DESCRIPTION	USP SIZE	METRIC SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
NY900-P	Blue Nylon Suture	2	5	100cm	1/2 Rev. Cut	48mm
NY901-P	Blue Nylon Suture	2	5	100cm	3/8 Colt	90mm
NY902-P	Blue Nylon Suture	1	4	100cm	1/2 Taper	30mm
NY903-P	Blue Nylon Suture	1	4	90cm	1/2 Rev. Cut	37mm
NY904-P	Blue Nylon Suture	1	4	100cm	1/2 Taper Heavy	40mm
NY906-P	Blue Nylon Suture	1	4	100cm	1/2 Taper Heavy	48mm
NY907-P	Blue Nylon Suture	1	4	100cm	1/2 Taper	50mm
NY908-P	Blue Nylon Suture	1	4	100cm	1/2 Rev. Cut	50mm
NY910-P	Blue Nylon Suture	1	4	150cm	1/2 Rev. Cut	50mm
NY912-P	Blue Nylon Suture	1	4	100cm	1/2 Taper Blunt	50mm
NY913-P	Blue Nylon Suture	1	4	90cm	Straight Conv. Cut	60mm
NY914-P	Blue Nylon Suture	1	4	100cm	3/8 Colt	90mm
NY916-P	Blue Nylon Suture, Double Armed	1	4	75cm	3/8 Colt x 2 VT	90mm
NY918-P	Blue Nylon Suture, Double Armed	1	4	75cm	3/8 Colt x 2	90mm
NY920-P	Blue Nylon Suture	0	3.5	100cm	5/8 Taper	27mm
NY922-P	Blue Nylon Suture	0	3.5	100cm	1/2 Taper	40mm
NY924-P	Blue Nylon Suture	0	3.5	100cm	1/2 Rev. Cut	40mm
NY926-P	Blue Nylon Suture, Loop	0	3.5	110cm x 2	1/2 Taper	40mm
NY928-P	Blue Nylon Suture, Loop	0	3.5	110cm x 2	1/2 Taper Cut	40mm
NY930-P	Blue Nylon Suture	0	3.5	100cm	3/8 Colt	80mm
NY932-P	Blue Nylon Suture	0	3.5	100cm	3/8 Colt	90mm
NY932-2P	Blue Nylon Suture	0		100cm	3/8 Rev. Cut Colt	90mm
NY934-P	Blue Nylon Suture	2/0	3	45cm	3/8 Conv. Cut PC	25mm
NY934-1P	Blue Nylon Suture	2/0	3	75cm	3/8 Conv. Cut PC	25mm
NY936-P	Blue Nylon Suture	2/0	3	45cm	3/8 Rev. Cut	26mm
NY936-1P	Blue Nylon Suture	2/0	3	75cm	3/8 Rev. Cut	26mm
NY937-P	Blue Nylon Suture	2/0	3	75cm	3/8 Rev. Cut	30mm
NY938-P	Blue Nylon Suture	2/0	3	100cm	1/2 Rev. Cut	36mm
NY940-P	Blue Nylon Suture	2/0	3	75cm	3/8 Rev. Cut	39mm
NY941-P	Blue Nylon Suture	2/0	3	75cm	1/2 Taper	40mm
NY942-P	Blue Nylon Suture	2/0	3	100cm	3/8 Rev. Cut	45mm
NY943-P	Blue Nylon Suture	2/0	3	100cm	3/8 Rev. Cut	58mm
NY944-P	Blue Nylon Suture	2/0	3	100cm	Straight Conv. Cut	55mm
NY946-P	Blue Nylon Suture	2/0	3	100cm	3/8 Colt	80mm
NY948-P	Blue Nylon Suture	2/0	3	100cm	3/8 Colt	90mm
NY948-2P	Blue Nylon Suture	2/0	3	100cm	3/8 Rev. Cut	90mm
NY950-P	Blue Nylon Suture	3/0	2	45cm	3/8 Rev. Cut PC	18mm
NY952-P	Blue Nylon Suture	3/0	2	45cm	3/8 Rev. Cut PC	20mm
NY952-1P	Blue Nylon Suture	3/0	2	75cm	3/8 Rev. Cut PC	20mm
NY954-P	Blue Nylon Suture	3/0	2	45cm	3/8 Rev. Cut	24mm
NY954-1P	Blue Nylon Suture	3/0	2	75cm	3/8 Rev. Cut	24mm
NY954-2P	Blue Nylon Suture	3/0	2	45cm	3/8 Rev. Cut	26mm
NY954-3P	Clear Nylon Suture	3/0 Clear	2	70cm	3/8 Rev. Cut	24mm
NY955-P	Blue Nylon Suture	3/0	2	75cm	1/2 Taper Fine	26mm



SUTURES NON-ABSORBABLE SYNTHETIC



SCIMITAR
SURGICAL SUTURES

- PREMIUM RANGE -

NYLON (NY)

SCIMITAR CODE	PRODUCT DESCRIPTION	USP SIZE	METRIC SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
NY956-P	Blue Nylon Suture	3/0	2	45cm	3/8 Conv. Cut PC	25mm
NY956-1P	Blue Nylon Suture	3/0	2	75cm	3/8 Conv. Cut PC	25mm
NY958-P	Blue Nylon Suture	3/0	2	75cm	3/8 Rev. Cut	39mm
NY960-P	Blue Nylon Suture	3/0	2	100cm	3/8 Colt	80mm
NY968-P	Blue Nylon Suture	4/0	1.5	45cm	3/8 Conv. Cut	12mm
NY970-P	Blue Nylon Suture	4/0	1.5	45cm	3/8 Rev. Cut PC	13mm
NY971-P	Blue Nylon Suture	4/0	1.5	45cm	3/8 Conv. Cut	16mm
NY972-P	Blue Nylon Suture	4/0	1.5	45cm	3/8 Rev. Cut PC	18mm
NY974-P	Blue Nylon Suture	4/0	1.5	45cm	3/8 Rev. Cut	19mm
NY974-1P	Blue Nylon Suture	4/0	1.5	75cm	3/8 Rev. Cut	19mm
NY976-P	Blue Nylon Suture	4/0	1.5	45cm	3/8 Conv. Cut PC	20mm
NY978-P	Blue Nylon Suture	4/0	1.5	45cm	3/8 Rev. Cut	24mm
NY978-1P	Blue Nylon Suture	4/0	1.5	75cm	3/8 Rev. Cut	24mm
NY978-2P	Clear Nylon Suture	4/0 Clear	1.5	70cm	3/8 Rev. Cut	24mm
NY979-P	Blue Nylon Suture	5/0	1	75cm	3/8 Conv. Cut	12mm
NY980-P	Blue Nylon Suture	5/0	1	45cm	3/8 Rev. Cut PC	12.9mm
NY980-1P	Blue Nylon Suture	5/0	1	60cm	3/8 Rev. Cut PC	13mm
NY980-2P	Clear Nylon Suture	5/0 Clear	1	45cm	3/8 Rev. Cut PC	12.9mm
NY982-P	Blue Nylon Suture	5/0	1	45cm	3/8 Conv. Cut	15mm
NY984-P	Blue Nylon Suture	5/0	1	45cm	3/8 Rev. Cut PC	16mm
NY984-2P	Black Nylon Suture	5/0 Black	1	45cm	3/8 Rev. Cut PC	16mm
NY985-P	Blue Nylon Suture	5/0	1	45cm	3/8 Rev. Cut PC	18mm
NY985-2P	Black Nylon Suture	5/0 Black	1	45cm	3/8 Rev. Cut PC	18mm
NY986-P	Blue Nylon Suture	5/0	1	45cm	3/8 Rev. Cut	19mm
NY988-P	Blue Nylon Suture	5/0	1	45cm	3/8 Conv. Cut PC	20mm
NY989-P	Blue Nylon Suture	6/0	0.7	45cm	3/8 Rev. Cut	9mm
NY990-P	Blue Nylon Suture	6/0	0.7	45cm	3/8 Rev. Cut PC	12mm
NY992-P	Blue Nylon Suture	6/0	0.7	45cm	3/8 Conv. Cut	16mm
NY992-1P	Blue Nylon Suture	6/0	0.7	35cm	3/8 Conv. Cut	16mm
NY994-P	Blue Nylon Suture	6/0	0.7	45cm	3/8 Rev. Cut	16mm
NY996-P	Blue Nylon Suture	6/0	0.7	45cm	3/8 Rev. Cut PC	16mm
NY997-P	Blue Nylon Suture	6/0	0.7	45cm	3/8 Rev. Cut PC	19mm
NY998-P	Blue Nylon Suture	7/0	0.5	45cm	3/8 Rev. Cut PC	11.2mm

SUTURES NON-ABSORBABLE SYNTHETIC



PRODUCT CATALOGUE

Sutures/Needles

NOVETRO (NN)

Monofilament Polyvinylidene Fluoride, Non-Absorbable Sutures

Description

NOVETRO sutures are a non-absorbable sterile suture composed of fibres of the homopolymer polyvinylidene fluoride.

The sutures are produced in a monofilament construction, dyed with Copper Phthalocyanine Blue, in various lengths, diameters and with surgical needles attached.

The sutures are supplied sterile in boxes of twelve. NOVETRO sutures meet all the requirements of the European Pharmacopeia for non-absorbable surgical sutures.

Indications

NOVETRO sutures are indicated for use in general soft tissue approximation and/or ligation, including use in cardiovascular, ophthalmic, neurological and cuticular surgery.

Minimal, transient acute inflammatory reaction in tissue.

Actions

NOVETRO sutures elicit a minimal, transient acute inflammatory reaction in tissue, which is followed by gradual encapsulation of the suture by fibrous connective tissue. NOVETRO monofilament sutures are stable to the action of tissue enzymes and do not degrade.

Prolonged contact of these sutures with salt solutions, such as those found in the urinary or biliary tracts, may result in calculus formations.

Stable to the action of tissue enzymes and do not degrade.

Sterilization

Sterilization is by exposure to ethylene oxide gas.



SUTURES NON-ABSORBABLE SYNTHETIC

- PREMIUM RANGE -



NOVETRO (NN)

SCIMITAR CODE	PRODUCT DESCRIPTION	USP SIZE	METRIC SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
NN900-P	Blue Polyvinylidene fluoride Suture	2	5	100cm	1/2 Rev. Cut	48mm
NN901-P	Blue Polyvinylidene fluoride Suture	2	5	100cm	3/8 Colt	90mm
NN902-P	Blue Polyvinylidene fluoride Suture	1	4	100cm	1/2 Taper	30mm
NN903-P	Blue Polyvinylidene fluoride Suture	1	4	90cm	1/2 Rev. Cut	37mm
NN904-P	Blue Polyvinylidene fluoride Suture	1	4	100cm	1/2 Taper Heavy	40mm
NN906-P	Blue Polyvinylidene fluoride Suture	1	4	100cm	1/2 Taper Heavy	48mm
NN907-P	Blue Polyvinylidene fluoride Suture	1	4	100cm	1/2 Taper	50mm
NN908-P	Blue Polyvinylidene fluoride Suture	1	4	100cm	1/2 Rev. Cut	50mm
NN910-P	Blue Polyvinylidene fluoride Suture	1	4	150cm	1/2 Rev. Cut	50mm
NN912-P	Blue Polyvinylidene fluoride Suture	1	4	100cm	1/2 Taper Blunt	50mm
NN913-P	Blue Polyvinylidene fluoride Suture	1	4	90cm	Straight Conv. Cut	60mm
NN914-P	Blue Polyvinylidene fluoride Suture	1	4	100cm	3/8 Colt	90mm
NN916-P	Blue Polyvinylidene fluoride Suture	1	4	75cm	3/8 Colt x 2 SV	90mm
NN918-P	Blue Polyvinylidene fluoride Suture	1	4	75cm	3/8 Colt x 2	90mm
NN920-P	Blue Polyvinylidene fluoride Suture	0	3.5	100cm	5/8 Taper	27mm
NN922-P	Blue Polyvinylidene fluoride Suture	0	3.5	100cm	1/2 Taper	40mm
NN924-P	Blue Polyvinylidene fluoride Suture	0	3.5	100cm	1/2 Rev. Cut	40mm
NN926-P	Blue Polyvinylidene fluoride Suture	0	3.5	110cm x 2	1/2 Taper	40mm
NN928-P	Blue Polyvinylidene fluoride Suture	0	3.5	110cm x 2	1/2 Taper Cut	40mm
NN930-P	Blue Polyvinylidene fluoride Suture	0	3.5	100cm	3/8 Colt	80mm
NN932-P	Blue Polyvinylidene fluoride Suture	0	3.5	100cm	3/8 Colt	90mm
NN934-P	Blue Polyvinylidene fluoride Suture	2/0	3	45cm	3/8 Conv. Cut PC	25mm
NN934-1P	Blue Polyvinylidene fluoride Suture	2/0	3	75cm	3/8 Conv. Cut PC	25mm
NN936-P	Blue Polyvinylidene fluoride Suture	2/0	3	45cm	3/8 Rev. Cut	26mm
NN936-1P	Blue Polyvinylidene fluoride Suture	2/0	3	75cm	3/8 Rev. Cut	26mm
NN937-P	Blue Polyvinylidene fluoride Suture	2/0	3	75cm	3/8 Rev. Cut	30mm
NN938-P	Blue Polyvinylidene fluoride Suture	2/0	3	100cm	1/2 Rev. Cut	36mm
NN940-P	Blue Polyvinylidene fluoride Suture	2/0	3	75cm	3/8 Rev. Cut	39mm
NN942-P	Blue Polyvinylidene fluoride Suture	2/0	3	100cm	3/8 Rev. Cut	45mm
NN943-P	Blue Polyvinylidene fluoride Suture	2/0	3	100cm	3/8 Rev. Cut	58mm
NN944-P	Blue Polyvinylidene fluoride Suture	2/0	3	100cm	Straight Conv. Cut	55mm
NN946-P	Blue Polyvinylidene fluoride Suture	2/0	3	100cm	3/8 Colt	80mm
NN948-P	Blue Polyvinylidene fluoride Suture	2/0	3	100cm	3/8 Colt	90mm
NN950-P	Blue Polyvinylidene fluoride Suture	3/0	2	45cm	3/8 Rev. Cut PC	18mm
NN952-P	Blue Polyvinylidene fluoride Suture	3/0	2	45cm	3/8 Rev. Cut PC	20mm
NN952-1P	Blue Polyvinylidene fluoride Suture	3/0	2	75cm	3/8 Rev. Cut PC	20mm
NN954-P	Blue Polyvinylidene fluoride Suture	3/0	2	45cm	3/8 Rev. Cut	24mm
NN954-1P	Blue Polyvinylidene fluoride Suture	3/0	2	75cm	3/8 Rev. Cut	24mm
NN954-2P	Blue Polyvinylidene fluoride Suture	3/0	2	45cm	3/8 Rev. Cut	26mm
NN954-3P	Clear Polyvinylidene fluoride Suture	3/0 Clear	2	70cm	3/8 Rev. Cut	24mm
NN955-P	Blue Polyvinylidene fluoride Suture	3/0	2	75cm	1/2 Taper Fine	26mm
NN955-2P	Blue Polyvinylidene fluoride Suture	3/0	2	90cm	1/2 Taper x2	16mm
NN956-P	Blue Polyvinylidene fluoride Suture	3/0	2	45cm	3/8 Conv. Cut PC	25mm
NN956-1P	Blue Polyvinylidene fluoride Suture	3/0	2	75cm	3/8 Conv. Cut PC	25mm
NN958-P	Blue Polyvinylidene fluoride Suture	3/0	2	75cm	3/8 Rev. Cut	39mm
NN960-P	Blue Polyvinylidene fluoride Suture	3/0	2	100cm	3/8 Colt	80mm



SUTURES NON-ABSORBABLE SYNTHETIC

- PREMIUM RANGE -



NOVETRO (NN)

SCIMITAR CODE	PRODUCT DESCRIPTION	USP SIZE	METRIC SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
NN962-P	Blue Polyvinylidene fluoride Suture	3/0		100cm	3/8 Conv. Cut	90mm
NN968-P	Blue Polyvinylidene fluoride Suture	4/0	1.5	45cm	3/8 Cut	12mm
NN970-P	Blue Polyvinylidene fluoride Suture	4/0	1.5	45cm	3/8 Rev. Cut PC	13mm
NN971-P	Blue Polyvinylidene fluoride Suture	4/0	1.5	45cm	3/8 Cut	16mm
NN972-P	Blue Polyvinylidene fluoride Suture	4/0	1.5	45cm	3/8 Rev. Cut PC	18mm
NN974-P	Blue Polyvinylidene fluoride Suture	4/0	1.5	45cm	3/8 Rev. Cut	19mm
NN974-1P	Blue Polyvinylidene fluoride Suture	4/0	1.5	75cm	3/8 Rev. Cut	19mm
NN976-P	Blue Polyvinylidene fluoride Suture	4/0	1.5	45cm	3/8 Conv. Cut PC	20mm
NN978-P	Blue Polyvinylidene fluoride Suture	4/0	1.5	45cm	3/8 Rev. Cut	24mm
NN978-1P	Blue Polyvinylidene fluoride Suture	4/0	1.5	75cm	3/8 Rev. Cut	24mm
NN978-2P	Clear Polyvinylidene fluoride Suture	4/0 Clear	1.5	70cm	3/8 Rev. Cut	24mm
NN979-P	Blue Polyvinylidene fluoride Suture	5/0	1	75cm	3/8 Conv. Cut	12mm
NN980-P	Blue Polyvinylidene fluoride Suture	5/0	1	45cm	3/8 Rev. Cut PC	12.9mm
NN980-1	Blue Polyvinylidene fluoride Suture	5/0	1	60cm	3/8 Rev. Cut	13mm
NN980-2P	Clear Polyvinylidene fluoride Suture	5/0 Clear	1	45cm	3/8 Rev. Cut PC	12.9mm
NN982-P	Blue Polyvinylidene fluoride Suture	5/0	1	45cm	3/8 Conv. Cut	15mm
NN984-P	Blue Polyvinylidene fluoride Suture	5/0	1	45cm	3/8 Rev. Cut PC	16mm
NN984-2P	Black Polyvinylidene fluoride Suture	5/0 Black	1	45cm	3/8 Rev. Cut PC	16mm
NN984-4P	Blue Polyvinylidene fluoride Suture	5/0	1	90cm	1/2 Taper x2	17.4mm
NN985-P	Blue Polyvinylidene fluoride Suture	5/0	1	45cm	3/8 Rev. Cut PC	18mm
NN985-2P	Black Polyvinylidene fluoride Suture	5/0 Black	1	45cm	3/8 Rev. Cut PC	18mm
NN986-P	Blue Polyvinylidene fluoride Suture	5/0	1	45cm	3/8 Rev. Cut	19mm
NN988-P	Blue Polyvinylidene fluoride Suture	5/0	1	45cm	3/8 Conv. Cut PC	20mm
NN989-P	Blue Polyvinylidene fluoride Suture	6/0	0.7	45cm	3/8 Rev. Cut	10mm
NN990-P	Blue Polyvinylidene fluoride Suture	6/0	0.7	45cm	3/8 Rev. Cut PC	12mm
NN991-P	Blue Polyvinylidene fluoride Suture	6/0	0.7	75mm	3/8 Taper Cut x2	13mm
NN991-2P	Blue Polyvinylidene fluoride Suture	6/0	0.7	75mm	1/2 Taper x2	13mm
NN992-P	Blue Polyvinylidene fluoride Suture	6/0	0.7	45cm	3/8 Conv. Cut	16mm
NN992-1P	Blue Polyvinylidene fluoride Suture	6/0	0.7	35cm	3/8 Conv. Cut	16mm
NN994-P	Blue Polyvinylidene fluoride Suture	6/0	0.7	45cm	3/8 Rev. Cut	16mm
NN996-P	Blue Polyvinylidene fluoride Suture	6/0	0.7	45cm	3/8 Rev. Cut PC	16mm
NN997-P	Blue Polyvinylidene fluoride Suture	6/0	0.7	45cm	3/8 Rev. Cut PC	19mm
NN998-P	Blue Polyvinylidene fluoride Suture	7/0	0.5	45cm	3/8 Rev. Cut PC	11.2mm

SUTURES NON-ABSORBABLE SYNTHETIC



PRODUCT CATALOGUE

Sutures/Needles

MACRON BRAIDED POLYESTER (MC)

Braided Polyester Non-Absorbable Sutures

Description

MACRON Polyester sutures are a non-absorbable suture composed of Poly (Ethylene terephthalate). It is prepared from fibers of high molecular weight, long-chain, linear polyester having recurrent aromatic rings as an integral component.

The braided sutures are coated uniformly with silicon to increase the surface lubricity, thereby enhancing handling characteristics, ease of passage through tissue and knot run down properties.

MACRON Polyester sutures are available dyed with D & C Green No.6 colourant, in various lengths, diameters and with or without surgical needles. The sutures are supplied in boxes of twelve.

MACRON Braided polyester sutures meet all the requirements of the European Pharmacopeia for non-absorbable sutures.

Indications

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

Actions

MACRON Polyester sutures elicit a minimal acute inflammatory reaction in tissue, followed by gradual encapsulation of the suture by fibrous connective tissue. MACRON Polyester sutures are not absorbed, nor is any significant change in tensile strength retention known to occur in vivo.

Handling characteristics enhanced due to increased surface lubricity.

Sterilization

Sterilization is by exposure to ethylene oxide gas.



SUTURES NON-ABSORBABLE SYNTHETIC

- PREMIUM RANGE -



SCIMITAR
SURGICAL SUTURES

MACRON BRAIDED POLYESTER (MC)

SCIMITAR CODE	PRODUCT DESCRIPTION	USP SIZE	METRIC SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
MC700-P	Green Braided Polyester Ligature	5	7	150cm x 2	Ligature	
MC702-P	Green Braided Polyester Suture	5	7	75cm	1/2 Taper Cut	40mm
MC704-P	Green Braided Polyester Suture	5	7	75cm	1/2 Rev. Cut	55mm
MC710-P	Green Braided Polyester Suture	2	5	75cm	1/2 Taper Cut	40mm
MC712-P	Green Braided Polyester Suture	2	5	75cm	1/2 Rev. Cut	48mm
MC714-P	Green Braided Polyester Suture	2	5	75cm	Straight Conv. Cut	60mm
MC717-P	Green Braided Polyester Ligature	1	4	150cm	Ligature	
MC718-P	Green Braided Polyester Suture	1	4	90cm	1/2 Conv. Taper	28mm
MC720-P	Green Braided Polyester Suture	1	4	75cm	4/5 Taper Cut	30mm
MC722-P	Green Braided Polyester Suture	1	4	75cm	1/2 Taper	36mm
MC724-P	Green Braided Polyester Suture	1	4	75cm	1/2 Rev. Cut	36mm
MC726-P	Green Braided Polyester Suture	1	4	75cm	1/2 Taper Cut	36mm
MC729-P	Green Braided Polyester Ligature	0	3.5	150cm	Ligature	
MC730-P	Green Braided Polyester Suture	0	3.5	75cm	1/2 Taper Heavy	26mm
MC731-P	Green Braided Polyester Suture	0	3.5	75cm	1/2 Taper	30mm
MC732-P	Green Braided Polyester Suture	0	3.5	75cm	1/2 Taper	36mm
MC733-P	Green Braided Polyester Suture, Double Armed	0	3.5	75cm	1/2 Taper x 2	36mm
MC734-P	Green Braided Polyester Suture	0	3.5	75cm	1/2 Taper Cut	36mm
MC739-P	Green Braided Polyester Ligature	2/0	3	150cm	Ligature	
MC740-P	Green Braided Polyester Suture, Double Armed	2/0	3	75cm	1/2 Taper Cut x 2	20mm
MC742-P	Green Braided Polyester Suture	2/0	3	75cm	1/2 Taper	22mm
MC743-P	Green Braided Polyester Suture	2/0	3	90cm	1/2 Rev. Cut	24mm
MC744-P	Green Braided Polyester Suture	2/0	3	75cm	1/2 Taper	26mm
MC745-P	White Braided Polyester Suture, Double Armed	2/0 White	3	90cm	1/2 Taper x 2	25mm
MC746-P	Green Braided Polyester Suture, Double Armed	2/0	3	90cm	1/2 Taper x 2	26mm
MC748-P	Green Braided Polyester Suture	2/0	3	75cm	5/8 Taper	27mm
MC750-P	Green Braided Polyester Suture, Double Armed	2/0	3	90cm	1/2 Taper x 2	36mm
MC759-P	Green Braided Polyester Ligature	3/0	2	150cm	Ligature	
MC760-P	Green Braided Polyester Suture	3/0	2	37cm	1/2 Taper	12mm
MC762-P	Green Braided Polyester Suture, Double Armed	3/0	2	90cm	1/2 Taper x 2	17.4mm
MC762-19P	Green Braided Polyester Suture, Double Armed	3/0	2	90cm	1/2 Taper x 2	16mm
MC764-P	Green Braided Polyester Suture, Double Armed	3/0	2	90cm	1/2 Taper x 2	22mm
MC766-P	Green Braided Polyester Suture	3/0	2	75cm	1/2 Taper	26mm
MC768-P	Green Braided Polyester Suture, Double Armed	3/0	2	90cm	1/2 Taper x 2	26mm
MC770-P	Green Braided Polyester Suture	4/0	1.5	45cm	3/8 Rev. Cut PC	13mm
MC772-P	Green Braided Polyester Suture, Double Armed	4/0	1.5	75cm	3/8 Taper Cut x 2	16.8mm
MC774-P	Green Braided Polyester Suture, Double Armed	4/0	1.5	90cm	1/2 Taper x 2	17.4mm
MC776-P	Green Braided Polyester Suture	4/0	1.5	45cm	3/8 Rev. Cut	19mm
MC778-P	Green Braided Polyester Suture, Double Armed	4/0	1.5	90cm	1/2 Taper x 2	20mm
MC780-P	Green Braided Polyester Suture	4/0	1.5	90cm	1/2 Taper	22mm
MC782-P	Green Braided Polyester Suture, Double Armed	4/0	1.5	90cm	1/2 Taper x 2	22mm
MC784-P	Green Braided Polyester Suture, Double Armed	4/0	1.5	75cm	1/2 Taper x 2	26mm
MC786-P	Green Braided Polyester Suture, Double Armed	4/0	1.5	90cm	1/2 Taper x 2	26mm



- PREMIUM RANGE -



SCIMITAR
SURGICAL SUTURES

MACRON BRAIDED POLYESTER (MC)

[illegible]

SUTURES NON-ABSORBABLE SYNTHETIC



PRODUCT CATALOGUE

Sutures/Needles

PROVEIN MONOFILAMENT POLYPROPYLENE (PV)

Monofilament Polypropylene, Non-Absorbable Sutures

Description

PROVEIN polypropylene sutures are non-absorbable sutures composed of a strand of polypropylene, a synthetic linear polyolifin.

The sutures are produced in a monofilament construction, dyed with Copper Phthalocyanine Blue, in various lengths, diameters and with surgical needles attached.

The sutures are supplied sterile in boxes of twelve.

PROVEIN sutures meet all the requirements of the European Pharmacopeia for non-absorbable surgical sutures.

Indications

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

Actions

PROVEIN polypropylene sutures elicit a minimal acute inflammatory reaction in tissue, which is followed by gradual encapsulation of the suture by fibrous connective tissue.

PROVEIN sutures are not absorbed, nor is any significant change in strength retention known to occur in vivo.

Adverse Reactions

Adverse effects associated with the use of this device include: wound dehiscence, calculi formation in the urinary and biliary tracts when prolonged contact with salt solutions such as urine and bile occurs, enhanced bacterial infectivity, minimal acute inflammatory tissue reaction, pain, edema and erythema at the wound site.

Sterilization

Sterilization is by exposure to ethylene oxide gas.



SUTURES NON-ABSORBABLE SYNTHETIC

- PREMIUM RANGE -



PROVEIN MONOFILAMENT POLYPROPYLENE (PV)

SCIMITAR CODE	PRODUCT DESCRIPTION	USP SIZE	METRIC SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
PV800-P	Blue Polypropylene Suture	2	5	100cm	1/2 Taper	40mm
PV802-P	Blue Polypropylene Suture	2	5	100cm	1/2 Rev. Cut	48mm
PV810-P	Blue Polypropylene Suture	1	4	75cm	1/2 Taper	30mm
PV811-P	Blue Polypropylene Suture	1	4	75cm	3/8 Rev. Cut	40mm
PV812-P	Blue Polypropylene Suture	1	4	100cm	1/2 Taper	40mm
PV812-1P	Blue Polypropylene Suture	1	4	75cm	1/2 Taper	40mm
PV813-P	Blue Polypropylene Suture, Loop	1	4	100cm Loop	1/2 Taper	50mm
PV814-P	Blue Polypropylene Suture	1	4	90cm	3/8 Rev. Cut	90mm
PV817-P	Blue Polypropylene Suture	0	3.5	75cm	1/2 Taper	26mm
PV820-P	Blue Polypropylene Suture	0	3.5	75cm	1/2 Taper Cut	36mm
PV821-P	Blue Polypropylene Suture	0	3.5	75cm	3/8 Rev. Cut	40mm
PV822-P	Blue Polypropylene Suture	0	3.5	75cm	1/2 Taper Heavy	40mm
PV822-1P	Blue Polypropylene Suture	0	3.5	100cm	1/2 Taper Heavy	40mm
PV823-P	Blue Polypropylene Suture, Loop	0	3.5	100cm Loop	1/2 Taper Heavy	50mm
PV830-P	Blue Polypropylene Suture	2/0	3	75cm	1/2 Taper	26mm
PV831-P	Blue Polypropylene Suture	2/0	3	75cm	3/8 Rev. Cut	26mm
PV832-P	Blue Polypropylene Suture, Double Armed	2/0	3	90cm	1/2 Taper x 2	26mm
PV834-P	Blue Polypropylene Suture, Double Armed	2/0	3	90cm	1/2 Taper Cut x 2	26mm
PV836-P	Blue Polypropylene Suture	2/0	3	75cm	3/8 Rev. Cut	39mm
PV838-P	Blue Polypropylene Suture	2/0	3	75cm	1/2 Taper	40mm
PV840-P	Blue Polypropylene Suture	2/0	3	75cm	Straight Conv. Cut	60mm
PV841-P	Blue Polypropylene Suture, Double Armed	2/0	3	70cm	Straight Conv. Cut x 2	60mm
PV844-P	Blue Polypropylene Suture	3/0	2	75cm	3/8 Conv. Cut	16mm
PV845-P	Blue Polypropylene Suture, Double Armed	3/0	2	90cm	1/2 Taper x 2	16mm
PV846-P	Blue Polypropylene Suture	3/0	2	75cm	1/2 Taper	17.4mm
PV848-P	Blue Polypropylene Suture, Double Armed	3/0	2	90cm	1/2 Taper x 2	17.4mm
PV850-P	Blue Polypropylene Suture	3/0	2	45cm	3/8 Rev. Cut	19mm
PV851-P	Blue Polypropylene Suture	3/0	2	45cm	3/8 Conv. Cut	19mm
PV852-P	Blue Polypropylene Suture	3/0	2	45cm	3/8 Rev. Cut	24mm
PV852-1P	Blue Polypropylene Suture	3/0	2	75cm	3/8 Rev. Cut	24mm
PV854-P	Blue Polypropylene Suture	3/0	2	45cm	3/8 Rev. Cut PC	25mm
PV855-P	Blue Polypropylene Suture	3/0	2	45cm	3/8 Conv. Cut	26mm
PV856-P	Blue Polypropylene Suture	3/0	2	75cm	1/2 Taper	26mm
PV856-2P	Blue Polypropylene Suture	3/0	2	75cm	1/2 Taper	25mm
PV858-P	Blue Polypropylene Suture, Double Armed	3/0	2	90cm	1/2 Taper x 2	26mm
PV860-P	Blue Polypropylene Suture	4/0	1.5	45cm	3/8 Rev. Cut PC	16mm
PV860-1P	Blue Polypropylene Suture	4/0	1.5	90cm	1/2 Taper	16mm
PV862-P	Blue Polypropylene Suture	4/0	1.5	75cm	1/2 Taper	17.4mm
PV864-P	Blue Polypropylene Suture, Double Armed	4/0	1.5	90cm	1/2 Taper x 2	17.4mm
PV866-P	Blue Polypropylene Suture	4/0	1.5	45cm	3/8 Rev. Cut	19mm
PV868-P	Blue Polypropylene Suture	4/0	1.5	45cm	3/8 Rev. Cut PC	20mm
PV870-P	Blue Polypropylene Suture	4/0	1.5	45cm	3/8 Rev. Cut	24mm
PV871-P	Blue Polypropylene Suture	4/0	1.5	45cm	3/8 Conv. Cut	26mm
PV872-P	Blue Polypropylene Suture	4/0	1.5	75cm	1/2 Taper	26mm
PV874-P	Blue Polypropylene Suture, Double Armed	4/0	1.5	90cm	1/2 Taper x 2	26mm
PV877-P	Blue Polypropylene Suture	4/0	1.5	150cm	1/2 Rev. Cut Eyed	36mm



SUTURES NON-ABSORBABLE SYNTHETIC



SCIMITAR
SURGICAL SUTURES

- PREMIUM RANGE -

PROVEIN MONOFILAMENT POLYPROPYLENE (PV)

SCIMITAR CODE	PRODUCT DESCRIPTION	USP SIZE	METRIC SIZE	STRAND LENGTH (cm)	NEEDLE TYPE	NEEDLE LENGTH (mm)
PV880-P	Blue Polypropylene Suture	5/0	1	45cm	3/8 Conv. Cut	15mm
PV882-P	Blue Polypropylene Suture, Double Armed	5/0	1	75cm	1/2 Taper x 2	13mm
PV883-P	Blue Polypropylene Suture, Double Armed	5/0	1	75cm	3/8 Taper x 2	13mm
PV884-P	Blue Polypropylene Suture	5/0	1	75cm	1/2 Taper	17.4mm
PV884-1P	Blue Polypropylene Suture	5/0	1	90cm	1/2 Taper	17mm
PV886-P	Blue Polypropylene Suture, Double Armed	5/0	1	90cm	1/2 Taper x 2	17.4mm
PV886-1P	Blue Polypropylene Suture, Double Armed	5/0	1	90cm	1/2 Taper x 2	17mm
PV888-P	Blue Polypropylene Suture	5/0	1	45cm	3/8 Rev. Cut PC	19mm
PV889-P	Blue Polypropylene Suture	6/0	0.7	60cm	3/8 Taper	9.1mm
PV889-1P	Blue Polypropylene Suture, Double Armed	6/0	0.7	90cm	3/8 Taper x 2	10mm
PV889-2P	Blue Polypropylene Suture, Double Armed	6/0	0.7	60cm	3/8 Taper	9.1mm
PV890-P	Blue Polypropylene Suture	6/0	0.7	75cm	3/8 Taper	13mm
PV892-P	Blue Polypropylene Suture, Double Armed	6/0	0.7	75cm	3/8 Taper x 2	13mm
PV894-P	Blue Polypropylene Suture	6/0	0.7	45cm	3/8 Rev. Cut	13mm
PV894-1P	Blue Polypropylene Suture	6/0	0.7	45cm	3/8 Colt	13mm
PV895-P	Blue Polypropylene Suture	7/0	0.5	60cm	3/8 Taper x 2	9.1mm
PV895-1P	Blue Polypropylene Suture	7/0	0.5	45cm	3/8 Taper	9.1mm
PV895-2P	Blue Polypropylene Suture, Double Armed	7/0	0.5	60cm	3/8 Taper x 2	8mm
PV896-P	Blue Polypropylene Suture	7/0	0.5	75cm	3/8 Taper	9.1mm
PV898-P	Blue Polypropylene Suture, Double Armed	7/0	0.5	60cm	3/8 Taper x 2	13mm

NEEDLE INFORMATION

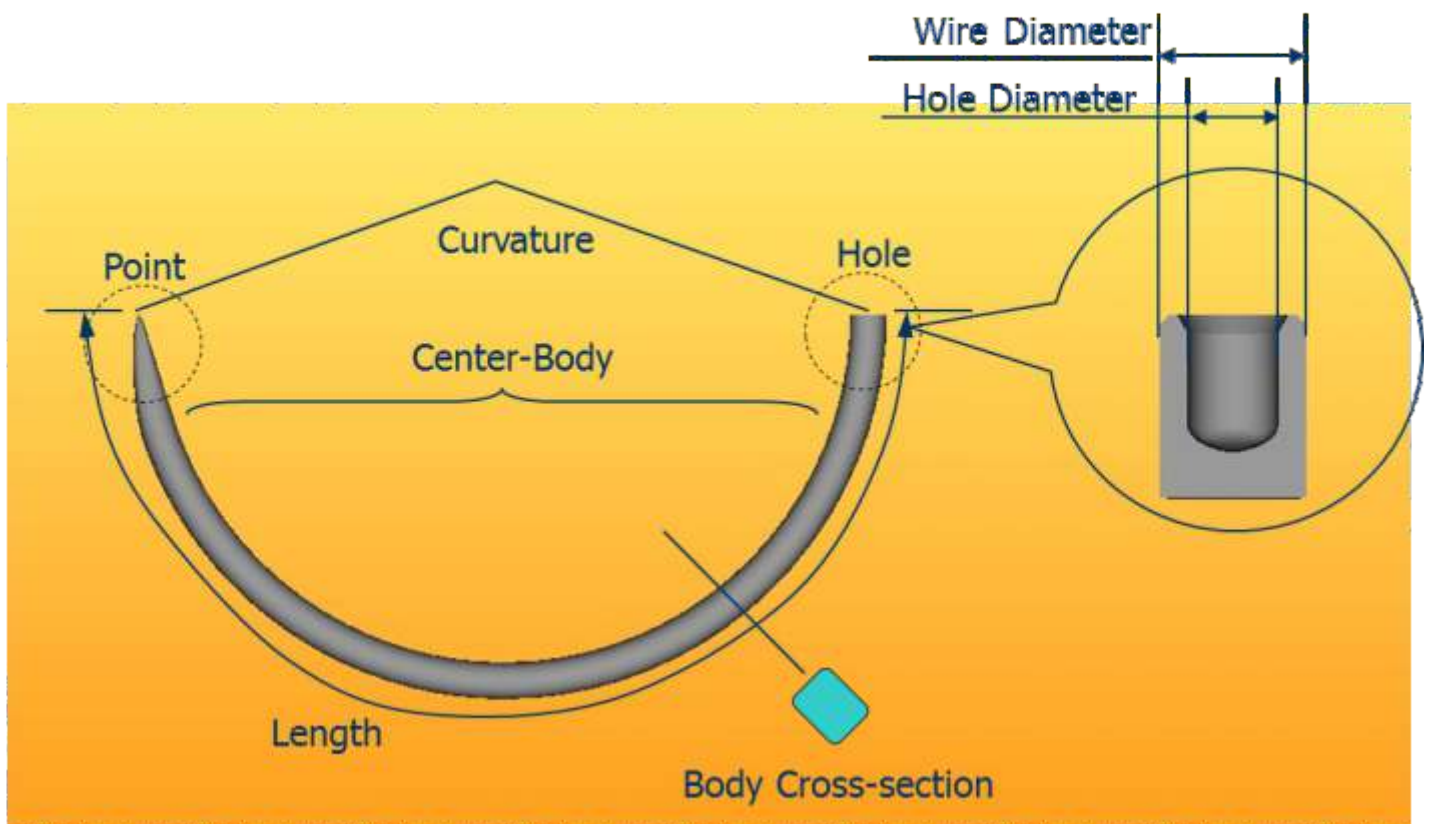


PRODUCT CATALOGUE

Sutures/Needles

SUTURE NEEDLES

Needle Description



PrimeCut (PC) refers to needles with an elongated cutting edge, which creates an extremely sharp needle, suitable for cosmetic procedures or similar.

NEEDLE INFORMATION



PRODUCT CATALOGUE

Sutures/Needles

SUTURE NEEDLES

All surgical suture needles are manufactured from stainless steel.

Stainless steel is defined as a steel alloy (low carbon steel) with a minimum of 10% chromium content by mass. It does not stain, corrode or rust as easily as ordinary steel (carbon steel), but it is not stain or rust proof. Stainless steel differs from carbon steel by the amount of chromium present. Stainless steels have sufficient amount of chromium present so that a passive film of chromium oxide (chromium reacting with oxygen) forms on the surface preventing surface corrosion. This passive film is approximately 3mm thick and if damaged will be re-generated automatically in the presence of oxygen.

There are numerous types and grades of stainless steel but in suture needles there are three main groups; Martensitic stainless steel, Austenitic stainless steel and Precipitation Hardened stainless steel.

Martensitic Stainless Steel

This type of stainless steel has a chromium content of 13 - 17% and is called 400 Series stainless steel. It obtains its high strength through a process of heat treatment. Suture needles referred to as 420 Series fit into this category. This material is brittle and more corrosive than the other two material types.

Austenitic Stainless Steel

This stainless steel has a chromium content of 18% and 8% nickel. It is generally referred to as 300 Series. It is a very hard stainless steel and therefore damages process instruments easily. Mani needles used in the Scimitar "P" range fall into this category.

Mani needles are manufactured from Hard Fibre Stainless Steel. This material has a fibre structure that gives the needles superb strength and high ductility. If this needle breaks the fracture is clean with no fragments separating in the break.

Precipitation Hardened Stainless Steel

This stainless steel is manufactured by adding copper and aluminium to the general stainless steel elements. These additions make the material slightly superior in corrosion resistance to Martensitic stainless steel, but inferior to Austenitic stainless steel.

Definitions

For following definitions are as used in the SANS494-1 and SANS494-2 standards:

- **attachment area**
portion of the needle where the attachment strand takes place
- **curvature angle (also referred to as needle shape)**
angle formed between the needle radii that join the attachment area and the tip of the needle
- **cutting edge**
edge of the needle that is sharpened by the manufacturer
- **needle body**
central portion of the needle intended to be grasped by the needle holder
- **needle curvature**
shape the needle viewed in profile
- **needle diameter (also referred to as wire diameter)**
gauge or thickness of the needle measured at a location between the needle body and the attachment area where either no or minimal work has taken place
- **needle length**
distance measured along the outside curvature of the needle from end to end
- **needle point**
portion of the needle intended to initiate tissue penetration
- **needle radius (also referred to as needle shape)**
radius of the uniformly curved portion of the needle measured from the centre of the needle body
- **needle swage**
region at which suture material is fixed to the needle
- **point configuration**
shape of the point
- **needle bore (or hole diameter)**
size of the hole in the back of the needle to take the strand before swaging

NEEDLE INFORMATION



PRODUCT CATALOGUE Sutures/Needles

SUTURE NEEDLES

Needle curvature

The needle curvature shall be described as a fraction of a circle. The angle of the curvature is the same fraction of 360°. Examples of needle curvatures and the corresponding angles of curvature are given in the table below.

- TABLE 1 -

Needle curvatures and
corresponding angles of curvature

Description	Angle of curvature
1/8 circle	45°
1/4 circle	90°
5/16 circle	113°
3/8 circle	135°
7/16 circle	158°
1/2 circle	180°
5/8 circle	225°

Needle types and point configurations

Surgical needles shall be one of the following types:

- Round bodied needles** that have a circular cross section and vary only in their relative needle wire diameter. The needle wire diameter is determined by the intended use of the surgical needle.
- Cutting needles** that have variable cross sections and point configurations, at least three cutting edges, and vary in their relative needle wire diameter.

A description of needle types and point configurations are given in table 2.

- TABLE 2 -

Needle types and point configurations

NEEDLE TYPE AND POINT CONFIGURATIONS	DESCRIPTION
ROUND BODIED NEEDLES	
Taper	The cutting tip is located at the needle point which gradually tapers to a round body. The body needle is flattened to prevent the needle from rotating in the needle holder.
Trocar	The needle has a strong cutting point that blend into a round tapered body.
Blunt	The needle has a tapered body and a round blunt point that does not cut through tissue.
CUTTING NEEDLES	
Conventional cutting	The needle has a triangular cross section and an apex cutting edge on the inside of the needle curvature.
Reverse cutting	The needle has a triangular cross section and an apex cutting edge on the outside of the needle curvature.
Spatulated	The needle has side cutting edges with a flat upper and lower surface.
NOTE: This list is not exhaustive or prescriptive and does not exclude surgical needles manufactured with other features.	