



KATSAN
MEDICAL DEVICES

"Curative hands for paws"

SURGICAL SUTURE
PRODUCT CATALOGUE
for veterinarians





Katsan Surgical Sutures has a wide range of medical devices, that are being used in both human and veterinary practices. With over 40 years of experience in the manufacturing of surgical sutures, Katsan has been led to the highest priority in the field of quality control, the development of medical products and surgical sutures made in accordance with innovative technologies.

Our extensive portfolio of veterinary surgical sutures consists of various options depending on the absorption period, wound support period, materials, types of needles, size, length, color, and packaging. On the other hand, the product range is being divided into several lines considering veterinary usage (small animals, large animals, etc.).

Surgical sutures produced by Katsan are the outcome of a long harmonious work of each team member in order to give the most appropriate solution for the effective treatment of veterinary patients. Therefore, one of our main goals is to make the daily work of veterinary professionals more reliable and productive through the use of world-class medical devices.

KATSAN SURGICAL NEEDLE

ULTRA SHARP NEEDLE POINT

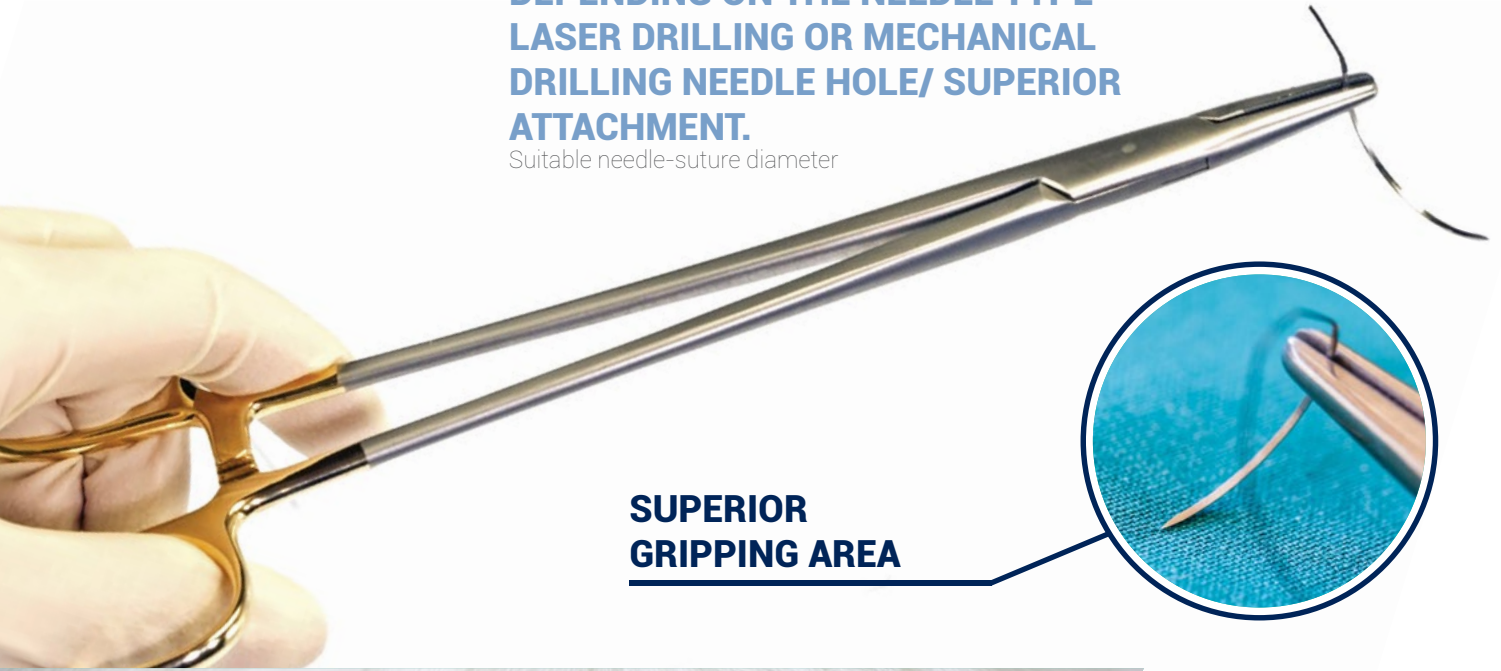
Atraumatic tissue penetration

SILICON COATED STAINLESS STEEL NEEDLE

Maximum strength and smooth surface

DEPENDING ON THE NEEDLE TYPE LASER DRILLING OR MECHANICAL DRILLING NEEDLE HOLE/ SUPERIOR ATTACHMENT.

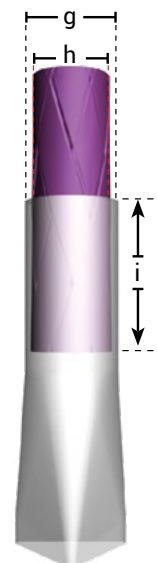
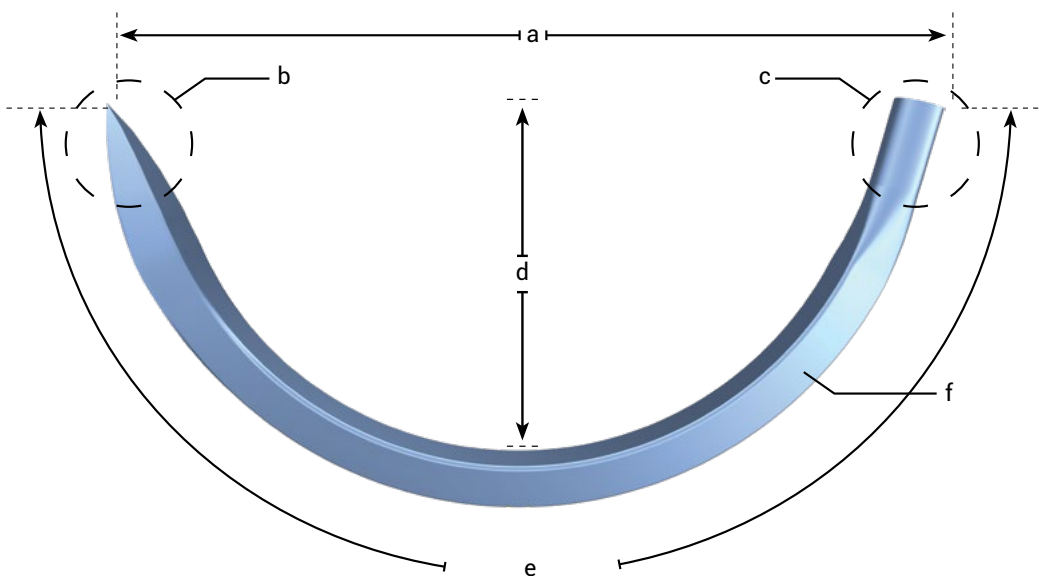
Suitable needle-suture diameter



SUPERIOR GRIPPING AREA

1

ATRAUMATIC NEEDLE ANATOMY



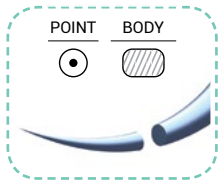
a : Needle chord length
b : Needle point
c : Swage

d : Needle radius
e : Needle length
f : Needle body

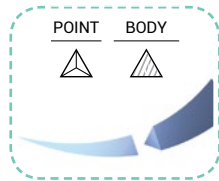
g : Needle diameter
h : Suture diameter
i : Depth of needle hole

2

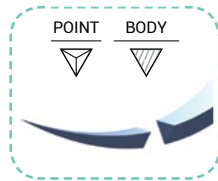
ATRAUMATIC NEEDLE TYPES



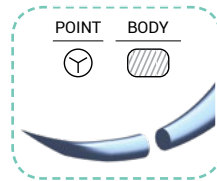
TAPER POINT



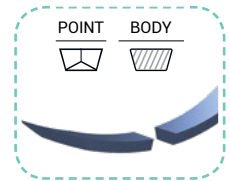
CUTTING EDGE



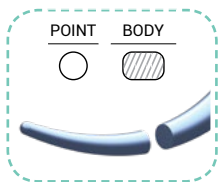
REVERSE CUTTING EDGE



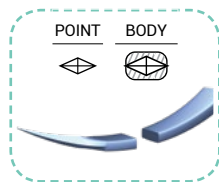
TAPER CUT



SPATULA



BLUNT POINT

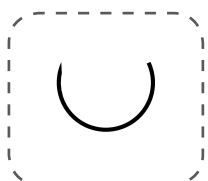
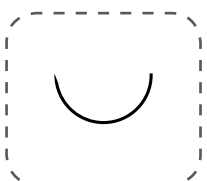
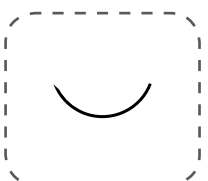
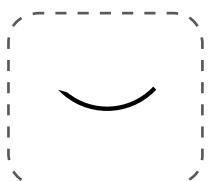
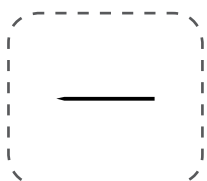
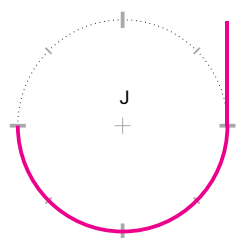
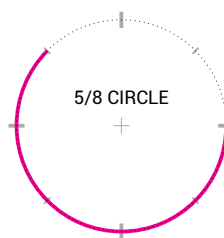
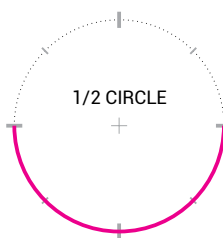
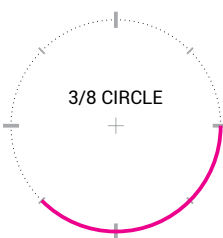
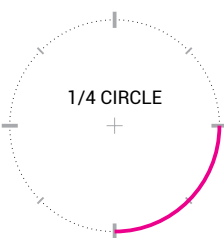
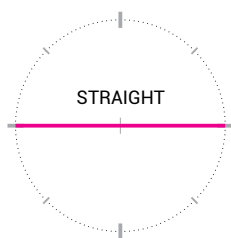


DIAMOND

3

ATRAUMATIC NEEDLE MODELS

NEEDLE FORMS



4

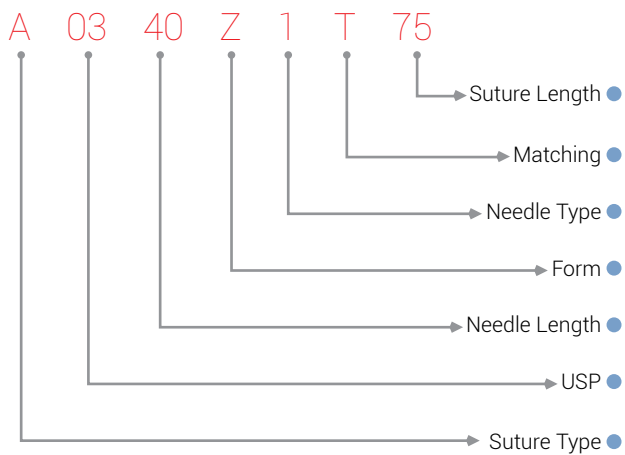
PRODUCT CODING SCHEME

CODE	SUTURE TYPE	CODE	USP	METRIC	CODE	FORM	CODE	NEEDLE TYPE	CODE	MATCHING
A	ALCASORB®	01	USP 2	Metric 5	Z	1/2	1	TAPER POINT	T	SINGLE
B	ALCASORB® RAPID	02	USP 1	Metric 4	V	3/8	2	BLUNT POINT	F	DOUBLE
C	ALCALACTINE®	03	USP 0	Metric 3,5	U	5/8	3	CUTTING EDGE	P	LOOP
D	ALCALACTINE® RAPID	04	USP 2/0	Metric 3	R	1/4	4	REVERSE CUTTING EDGE		
E	ALCASILK®	05	USP 3/0	Metric 2	J	J	5	TAPER CUT		
F	ALCALENE®	06	USP 4/0	Metric 1,5	S	STRAIGHT	6	DIAMOND		
G	ALCALACTONE®	07	USP 5/0	Metric 1			7	SPATULA		
H	ALCADINONE®	08	USP 6/0	Metric 0,7						
K	ALCAMIDE®									

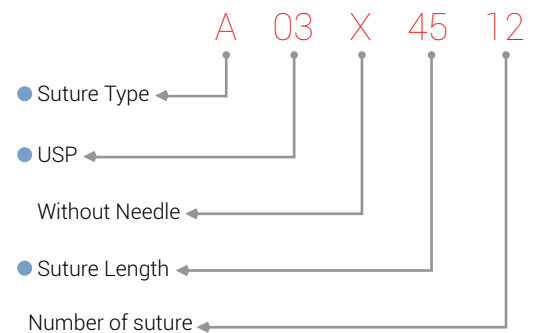
INDICATING LENGTH OF THE NEEDLE

INDICATING LENGTH OF THE SUTURE

PRODUCT CODING OF SUTURES WITH NEEDLE



PRODUCT CODING OF SUTURES WITHOUT NEEDLE

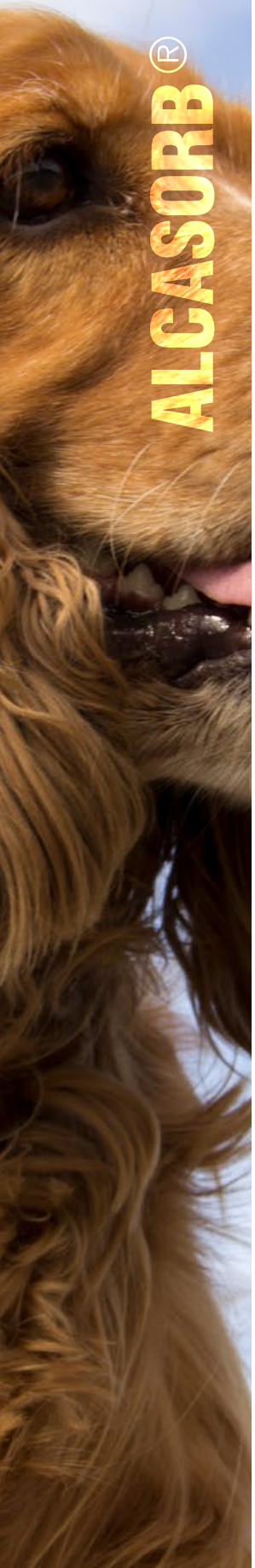




ALCASORB®

High knot safety





PGA - Polyglycolic Acid

ALCASORB® sutures are synthetic absorbable sterile surgical sutures which are made of Polyglycolic Acid. The braided structure of the suture is coated. Coating material of coated suture is prepared by Calcium Stearate and Polycaprolactone structure.

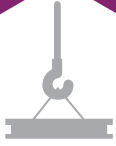
In order to ease of operation ALCASORB® sutures are colored violet. ALCASORB® sutures has been presented in USP 6/0 – USP 3 gauge sizes in a variety of lengths from 10 cm to 150cm, as non-needed or attached to stainless steel needles of varying types and sizes.

	Absorbable, multifilament, coated, violet
CHEMICAL STRUCTURE	100% Polyglycolic Acid, synthetic, absorbable, braided surgical suture
COATING	Polycaprolactone and Calcium Stearate
WOUND SUPPORT	~ 30 days
ABSORPTION	~ 60-90 days
TENSILE STRENGTH	2 nd week ~ 70% 3 rd week ~ 40%-50% wound support
USP RANGE	6/0 - 3
STERILIZATION	EO (Ethylene Oxide)
PACKAGING	In aluminum foil packages with needle or without needle



HIGH TENSILE STRENGTH

Excellent wound support



BRAIDED STRUCTURE

Minimum suture memory
High usage characteristic
Flexibility
Excellent tensile strength
Excellent knot safety



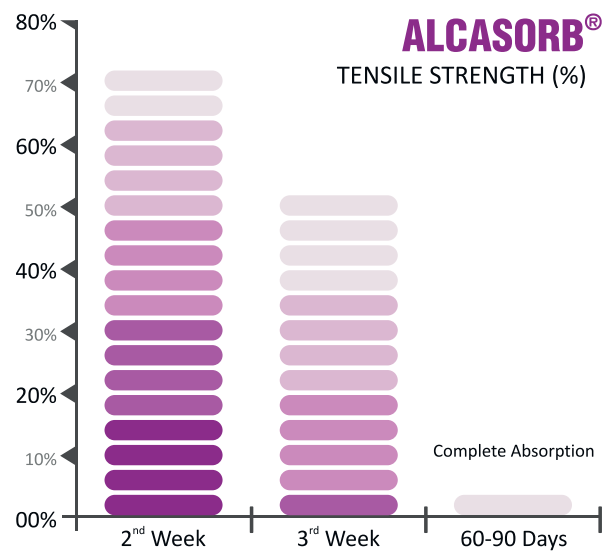
ABSORPTION BY PROGRESSIVE HYDROLYSIS

Predictable absorption rate



COATED MULTIFILAMENT

Minimum tissue trauma
Minimum capillarity
Ease of knot tying and adjustability

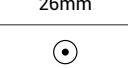




1/2 CIRCLE TAPER POINT

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP		
			6/0	5/0	4/0
 13mm	75cm	violet	A0813Z1T75		
 16mm	75cm	violet	A0816Z1T75	A0716Z1T75	
 18mm	75cm	violet			A0618Z1T75
 20mm	75cm	violet			A0620Z1T75

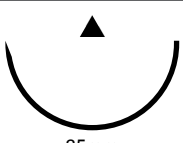
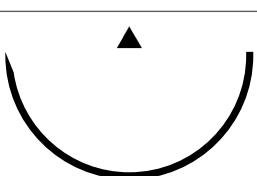
1/2 CIRCLE TAPER POINT

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP					
			3/0	2/0	0	1	2	3
 26mm	75cm	violet	A0526Z1T75	A0426Z1T75				
 30mm	75cm	violet	A0530Z1T75			A0230Z1T75		
 35mm	75cm	violet			A0335Z1T75	A0235Z1T75		
 40mm	75cm	violet			A0340Z1T75	A0240Z1T75	A0140Z1T75	
 50mm	75cm	violet						A0050Z1T75

1/2 CIRCLE CUTTING EDGE

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP	
			5/0	4/0
 16mm	75cm	violet	A0716Z3T75	
 18mm	75cm	violet		A0618Z3T75
 20mm	75cm	violet		A0620Z3T75

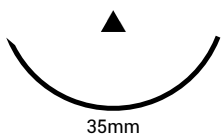
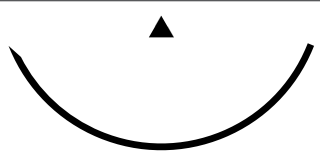
1/2 CIRCLE CUTTING EDGE

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP					
			3/0	2/0	0	1	2	3
 26mm	75cm	violet	A0526Z3T75	A0426Z3T75				
 30mm	75cm	violet	A0530Z3T75	A0430Z3T75	A0330Z3T75	A0230Z3T75		
 35mm	75cm	violet		A0435Z3T75	A0335Z3T75	A0235Z3T75		
 40mm	75cm	violet			A0340Z3T75	A0240Z3T75	A0140Z3T75	
 50mm	75cm	violet						A0050Z3T75

3/8 CIRCLE CUTTING EDGE

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP	
			5/0	4/0
 16mm	75cm	violet	A0716V3T75	
 18mm	75cm	violet		A0618V3T75
 20mm	75cm	violet		A0620V3T75

3/8 CIRCLE CUTTING EDGE

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP					
			3/0	2/0	0	1	2	3
 26mm	75cm	violet	A0526V3T75	A0426V3T75				
 30mm	75cm	violet	A0530V3T75	A0430V3T75	A0330V3T75	A0230V3T75		
 35mm	75cm	violet			A0335V3T75	A0235V3T75		
 40mm	75cm	violet			A0340V3T75	A0240V3T75	A0140V3T75	
 50mm	75cm	violet						A0050V3T75

SUTURES WITHOUT NEEDLE

USP	150cm
0	A03X1501
1	A02X1501
2	A01X1501
3	A00X1501
5	A13X1501



ALCASORB® RAPID

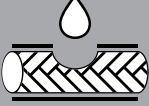
Rapid absorption,
minimum inflammation



PGAR - Polyglycolic Acid Rapid

ALCASORB® RAPID sutures are synthetic absorbable sterile surgical sutures which are made of Polyglycolic Acid. The braided structure of the suture is coated. Coating material of Coated suture is prepared by Calcium Stearate and Polycaprolactone structure.

In order to ease of operation, ALCASORB® RAPID sutures are undyed (natural, beige). ALCASORB® RAPID sutures have been presented in USP 6/0 – USP 2 gauge sizes in a variety of lengths from 10 cm to 150cm, as non-needled or attached to stainless steel needles of varying types and sizes. ALCASORB® RAPID sutures are sterilized by Gamma irradiation.

	Absorbable, multifilament, coated, undyed (beige)
CHEMICAL STRUCTURE	100% Polyglycolic Acid, synthetic, absorbable, braided surgical suture
COATING	Polycaprolactone and Calcium Stearate
WOUND SUPPORT	~ 10-14 days
ABSORPTION	~ 40-45 days
TENSILE STRENGTH	5 th day ~ 50% 14 th day ~ 0% wound support
USP RANGE	6/0 - 2
STERILIZATION	Gamma Irradiation
PACKAGING	In aluminium foil packages, with needle or without needle



HIGH INITIAL TENSILE STRENGTH

Excellent wound support



BRAIDED STRUCTURE

Minimum suture memory
High usage characteristic
Flexibility
Excellent tensile strength
Excellent knot safety



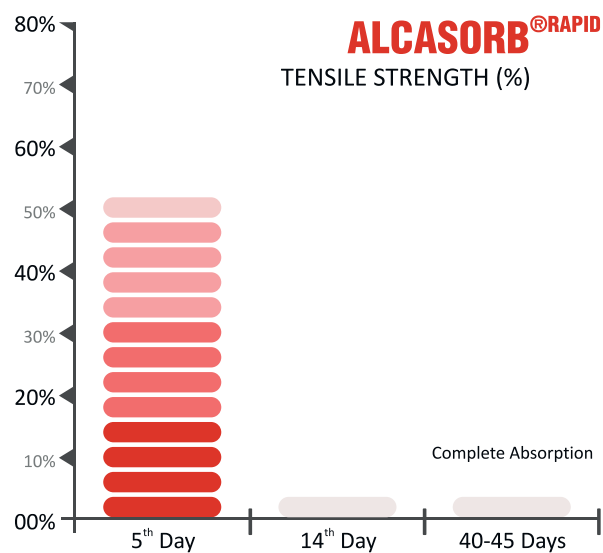
ABSORPTION BY PROGRESSIVE HYDROLYSIS

Predictable absorption rate
Rapid absorption



COATED MULTIFILAMENT

Minimum wound trauma
Minimum capillarity
Ease of knot tying and adjustability



1/2 CIRCLE CUTTING EDGE

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP		
			4/0	3/0	2/0
 18mm	75cm	undyed (beige)	B0618Z3T75		
 20mm	75cm	undyed (beige)	B0620Z3T75		
 26mm	75cm	undyed (beige)		B0526Z3T75	B0426Z3T75



ALCALACTINE®

High tensile strength,
excellent performance



PGLA - Poly (glycolic acid (90%)-co-lactic acid (10%))

ALCALACTINE® sutures are synthetic absorbable sterile surgical sutures which are composed of a copolymer made from 90% glycolide and 10% L-lactic acid. The braided structure of the suture is coated. Coating material of coated suture is prepared by Calcium Stearate and Polyglycolic Acid (30%), - Lactic Acid (70%) mixture.

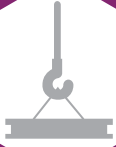
In order to ease of operation, ALCALACTINE® sutures are coloured FDA approved D&C violet No:2. ALCALACTINE® sutures have been presented in USP 6/0 – USP 2 gauge sizes in a variety of lengths from 10 cm to 150cm , as non-needled or attached to stainless steel needles of varying types and throws as warranted by surgical circumstance and the sizes.

	Absorbable, multifilament, coated, violet
CHEMICAL STRUCTURE	90% glycolide and 10% L-lactic acid synthetic, absorbable, braided surgical suture
COATING	Poly (glycolide-co-L-lactide) and Calcium Stearate
WOUND SUPPORT	~ 30 days
ABSORPTION	~ 56-70 days
TENSILE STRENGTH	2 nd week ~ 75% 3 rd week ~ 40%-50% wound support
USP RANGE	6/0 - 2
STERILIZATION	EO (Ethylene Oxide)
PACKAGING	In aluminium foil packages, with needle or without needle



HIGH TENSILE STRENGTH

Excellent
wound support



BRAIDED STRUCTURE

Minimum suture memory
High usage characteristic
Flexibility
Excellent tensile strength
Excellent knot safety



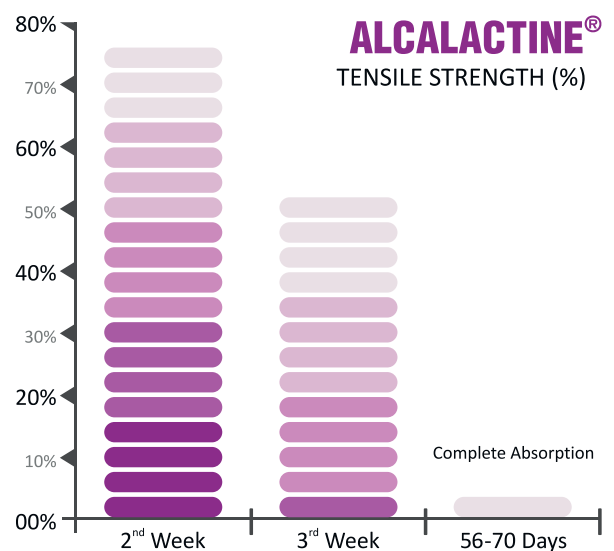
ABSORPTION BY PROGRESSIVE HYDROLYSIS

Predictable
absorption rate



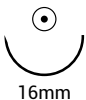
COATED MULTIFILAMENT

Minimum tissue trauma
Minimum capillarity
Ease of knot tying and adjustability

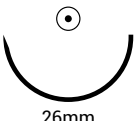
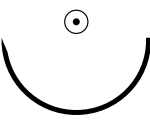
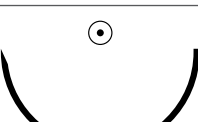




1/2 CIRCLE TAPER POINT

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP		
			6/0	5/0	4/0
 16mm	75cm	violet	C0816Z1T75	C0716Z1T75	
 18mm	75cm	violet			C0618Z1T75
 20mm	75cm	violet			C0620Z1T75

1/2 CIRCLE TAPER POINT

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP				
			3/0	2/0	0	1	2
 26mm	75cm	violet	C0526Z1T75	C0426Z1T75			
 30mm	75cm	violet		C0430Z1T75	C0330Z1T75	C0230Z1T75	
 40mm	75cm	violet			C0340Z1T75	C0240Z1T75	C0140Z1T75

1/2 CIRCLE CUTTING EDGE

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP		
			5/0	5/0	4/0
 16mm	75cm	violet	C0816Z3T75	C0716Z3T75	
 18mm	75cm	violet			C0618Z3T75
 20mm	75cm	violet			C0620Z3T75

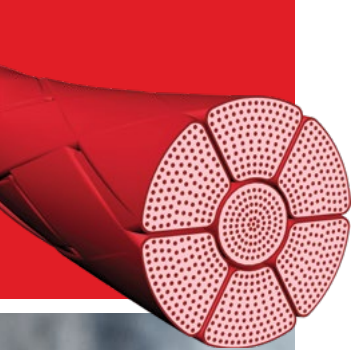
1/2 CIRCLE CUTTING EDGE

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP				
			3/0	2/0	0	1	2
 26mm	75cm	violet	C0526Z3T75	C0426Z3T75			
 30mm	75cm	violet		C0430Z3T75	C0330Z3T75		
 40mm	75cm	violet			C0340Z3T75	C0240Z3T75	C0140Z3T75



ALCALACTINE® RAPID

Best solution for
short-term wound support

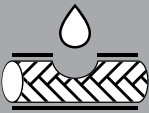


ALCALACTINE® RAPID

PGLAR - Poly (glycolic acid (90%)-co-lactic acid (10%)) Rapid

ALCALACTINE® RAPID sutures are synthetic absorbable sterile surgical sutures which are composed of a copolymer made from 90% glycolide and 10% L-lactic acid. The braided structure of the suture is coated. Coating material of coated suture is prepared by Calcium Stearate and Polyglycolic Acid (30%), - Lactic Acid (70%) mixture. ALCALACTINE® RAPID sutures are sterilized by Gamma Irradiation.

In order to ease of operation, ALCALACTINE® RAPID sutures are undyed (natural, beige). ALCALACTINE® RAPID sutures have been presented in USP 6/0 – USP 2 gauge sizes in a variety of lengths from 10 cm to 150 cm, as non-needed or attached to stainless steel needles of varying types and sizes.

	Absorbable, multifilament, coated, undyed (beige)
CHEMICAL STRUCTURE	90% glycolide and 10% L-lactic acid synthetic, absorbable, braided surgical suture
COATING	Poly (glycolide-co-L-lactide) and Calcium Stearate
WOUND SUPPORT	~ 10-14 days
ABSORPTION	~ 40-45 days
TENSILE STRENGTH	5 th day ~ 50% 14 th day ~ 0% wound support
USP RANGE	6/0 - 2
STERILIZATION	Gamma Irradiation
PACKAGING	In aluminium foil packages, with needle or without needle



HIGH INITIAL TENSILE STRENGTH

Excellent wound support



ABSORPTION BY PROGRESSIVE HYDROLYSIS

Predictable absorption rate



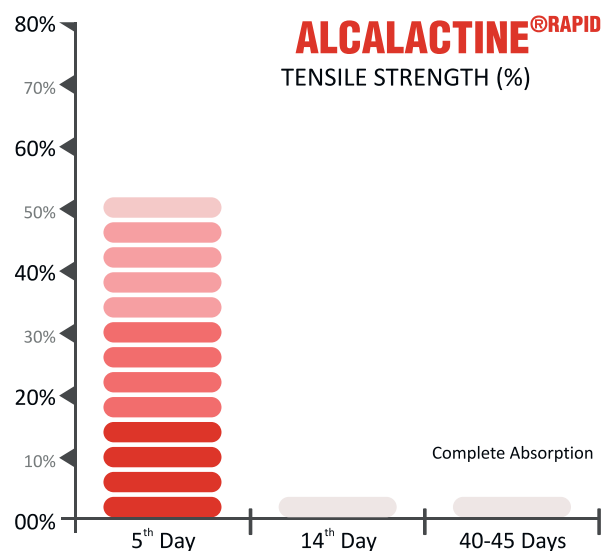
BRAIDED STRUCTURE

Minimum suture memory
High usage characteristic
Flexibility
Excellent tensile strength
Excellent knot safety



COATED MULTIFILAMENT

Minimum wound trauma
Minimum capillarity
Ease of knot tying and adjustability





1/2 CIRCLE CUTTING EDGE

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP		
			4/0	3/0	2/0
 18mm	75cm	undyed (beige)	D0618Z3T75		
 20mm	75cm	undyed (beige)	D0620Z3T75		
 26mm	75cm	undyed (beige)		D0526Z3T75	D0426Z3T75



ALCALACTONE®

Easy tissue penetration,
minimum wound trauma

PGCL - Poly (glycolic acid (75%)-co-caprolactone (25%))

ALCALACTONE® sutures are synthetic absorbable sterile surgical sutures which are made of Polyglycolide and caprolactone.

In order to ease of operation, ALCALACTONE® sutures are coloured D&G violet No: 2. ALCALACTONE® sutures have been presented in USP 6/0 – USP 2 gauge sizes in a variety of lengths from 10 cm to 150cm , as non-needed or attached to stainless steel needles of varying types and sizes.

	Absorbable, monofilament, violet
CHEMICAL STRUCTURE	Poly (glycolic acid (75%)-co-caprolactone (25%)) synthetic, absorbable, surgical suture
COATING	-
WOUND SUPPORT	~ 21 days
ABSORPTION	~ 90-120 days
TENSILE STRENGTH	1 st week ~ 60%-70% 2 nd week ~ 30%-40% wound support
USP RANGE	6/0 - 2
STERILIZATION	EO (Ethylene Oxide)
PACKAGING	In aluminium foil packages, with needle or without needle



ABSORPTION BY PROGRESSIVE HYDROLYSIS

Predictable absorption rate



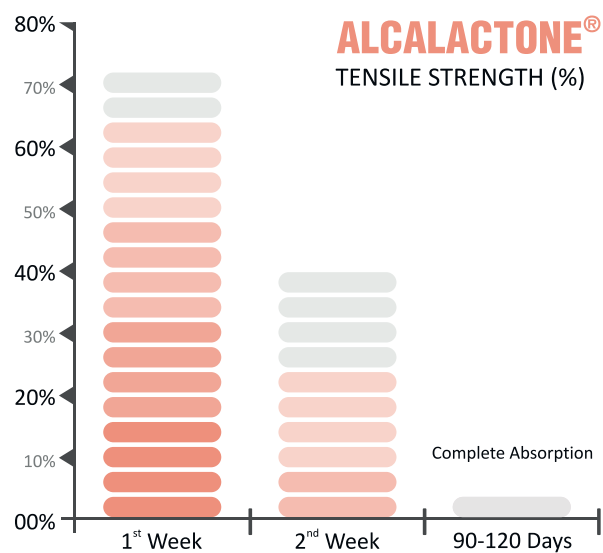
FLEXIBILITY AND SOFTNESS

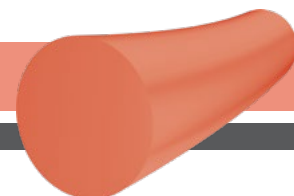
Superior ease of use
Easy and safety knot tying



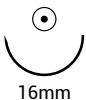
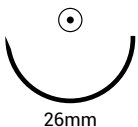
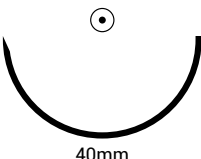
SMOOTH MONOFILAMENT STRUCTURE AT MICROSCOPIC LEVEL

Minimum wound trauma
Excellent surface to prevent
bacterial adherence

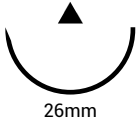




1/2 CIRCLE TAPER POINT

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP				
			4/0	3/0	2/0	0	1
 16mm	75cm	violet	G0616Z1T75				
 26mm	75cm	violet		G0526Z1T75	G0426Z1T75		
 40mm	75cm	violet				G0340Z1T75	G0240Z1T75

1/2 CIRCLE CUTTING EDGE

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP			
			5/0	4/0	3/0	2/0
 16mm	75cm	violet	G0716Z3T75	G0616Z3T75		
 26mm	75cm	violet			G0526Z3T75	G0426Z3T75

3/8 CIRCLE CUTTING EDGE

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP			
			4/0	3/0	2/0	0
 20mm	75cm	violet	G0620V3T75			
 26mm	75cm	violet		G0526V3T75	G0426V3T75	
 30mm	75cm	violet				G0330V3T75



ALCADINONE®

Reliable, long-term, strong
wound support



PDO - Polydioxanone

ALCADINONE® sutures are synthetic absorbable sterile surgical sutures which are made of Polydioxanone.

In order to ease of operation, ALCADINONE® sutures are coloured FDA approved D&C violet No: 2. ALCADINONE® sutures have been presented in USP 6/0 – USP 2 gauge sizes in a variety of lengths from 10 cm to 150 cm, as non- needled or attached to stainless steel needles of varying types and sizes.

	Absorbable, monofilament, violet
CHEMICAL STRUCTURE	Polydioxanone, synthetic, absorbable, monofilament surgical suture
COATING	-
WOUND SUPPORT	~ 60 days
ABSORPTION	~ 180-210 days
TENSILE STRENGTH	2 nd week ~ 75% 4 th week ~ 50%-60% wound support
USP RANGE	6/0 - 2
STERILIZATION	EO (Ethylene Oxide)
PACKAGING	In aluminium foil packages, with needle or without needle



HIGH AND LONG TERM TENSILE STRENGTH

Superior structure maintaining its tensile strength for long-term wound support



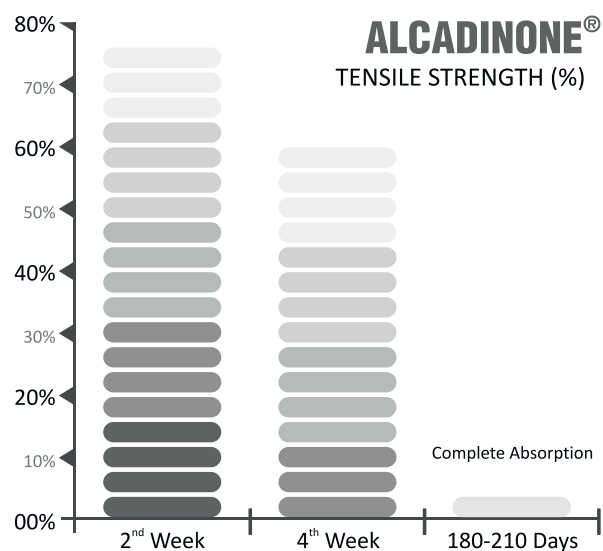
SMOOTH MONOFILAMENT STRUCTURE AT MICROSCOPIC LEVEL

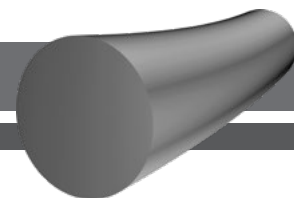
Minimum wound trauma
Excellent surface to prevent bacterial adherence



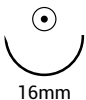
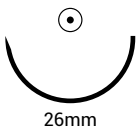
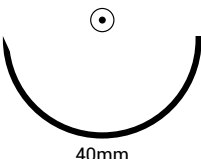
ABSORPTION BY PROGRESSIVE HYDROLYSIS

Predictable absorption rate

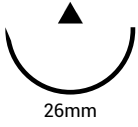




1/2 CIRCLE TAPER POINT

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP				
			4/0	3/0	2/0	0	1
 16mm	75cm	violet	H0616Z1T75				
 26mm	75cm	violet		H0526Z1T75	H0426Z1T75		
 40mm	75cm	violet				H0340Z1T75	H0240Z1T75

1/2 CIRCLE CUTTING EDGE

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP			
			5/0	4/0	3/0	2/0
 16mm	75cm	violet	H0716Z3T75	H0616Z3T75		
 26mm	75cm	violet			H0526Z3T75	H0426Z3T75

3/8 CIRCLE CUTTING EDGE

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP			
			4/0	3/0	2/0	0
 20mm	75cm	violet	H0620V3T75			
 26mm	75cm	violet		H0526V3T75	H0426V3T75	
 30mm	75cm	violet				H0330V3T75



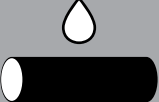
ALCALENE®

Minimum memory, smooth surface,
excellent ease of use

PP - Polypropylene

ALCALENE® sutures are synthetic non- absorbable sterile surgical sutures which are composed of isotactic crystalize polypropylene polymer of high molecular weight. Suture is pigmented blue to enhance visibility.

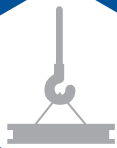
ALCALENE® sutures have been presented in USP 6/0 – USP 2 gauge sizes in a variety of lengths from 10 cm to 150 cm, as non-needed or attached to stainless steel needles of varying types and sizes.

	Non-absorbable, monofilament, blue
CHEMICAL STRUCTURE	Polypropylene
COATING	-
WOUND SUPPORT	Loss over years
ABSORPTION	-
TENSILE STRENGTH	-
USP RANGE	6/0 - 2
STERILIZATION	EO (Ethylene Oxide)
PACKAGING	In sterile packages with needle or without needle



HIGH TENSILE STRENGTH

Permanent wound support



FLEXIBILITY AND SOFTNESS

Excellent ease of use
Easy and safety knot tying



HIGH FATIGUE STRENGTH AGAINST MULTI-BENDING

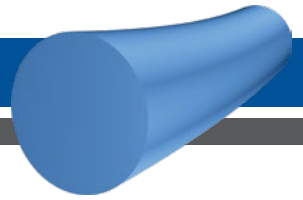
Use in Cardiovascular Surgery
(cardiac prothesis [artificial heart] or
vascular anastomosis)



SMOOTH MONOFILAMENT STRUCTURE AT THE MICROSCOPIC LEVEL

Smooth penetration through the tissue without
tissue cutting, friction, and trauma
Minimum wound trauma
Excellent surface to prevent bacterial adherence





1/2 CIRCLE TAPER POINT

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP					
			4/0	3/0	2/0	0	1	2
 16mm	75cm	blue	F0616Z1T75					
 26mm	75cm	blue		F0526Z1T75	F0426Z1T75			
 30mm	75cm	blue			F0430Z1T75	F0330Z1T75		
 40mm	75cm	blue					F0240Z1T75	F0140Z1T75

3/8 CIRCLE CUTTING EDGE

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP	
			5/0	4/0
 16mm	75cm	blue	F0716V3T75	
 20mm	75cm	blue		F0620V3T75

3/8 CIRCLE CUTTING EDGE

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP				
			3/0	2/0	0	1	2
 26mm	75cm	blue	F0526V3T75	F0426V3T75			
 30mm	75cm	blue		F0430V3T75			
 40mm	75cm	blue			F0340V3T75	F0240V3T75	F0140V3T75



ALCAMIDE®

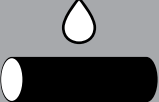
Optimum flexibility,
esthetic result and confidence



PA - Polyamide

ALCAMIDE® sutures are synthetic non-absorbable sterile surgical sutures which are composed of the chain aliphatic polymers Polyamide 6 or 6,6. ALCAMIDE® suture is pigmented blue to enhance visibility.

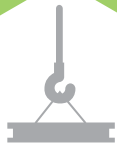
ALCAMIDE® sutures has been presented in USP 6/0 – USP 2 gauge sizes in a variety of lengths from 10 cm to 150 cm, as non-needled or attached to stainless steel needles of varying types and sizes.

	Non-absorbable, monofilament, blue
CHEMICAL STRUCTURE	Polyamide
COATING	-
WOUND SUPPORT	Loss over years
ABSORPTION	-
TENSILE STRENGTH	-
USP RANGE	6/0 - 2
STERILIZATION	EO (Ethylene Oxide)
PACKAGING	In sterile packages with needle or without needle



**HIGH TENSILE STRENGTH,
NON-ABSORBABLE STRUCTURE**

Permanent wound support



**FLEXIBILITY
AND SOFTNESS**

Excellent ease of use
Easy and safety knot tying

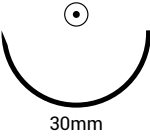
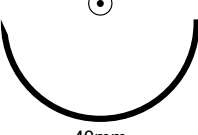


**SMOOTH MONOFILAMENT STRUCTURE
AT THE MICROSCOPIC LEVEL**

Smooth penetration through the tissue
without tissue cutting, friction, and trauma
Minimum wound trauma
Excellent surface to prevent bacterial
adherence



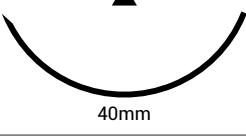
1/2 CIRCLE TAPER POINT

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP					
			4/0	3/0	2/0	0	1	2
 16mm	75cm	blue	K0616Z1T75					
 26mm	75cm	blue		K0526Z1T75	K0426Z1T75			
 30mm	75cm	blue			K0430Z1T75	K0330Z1T75		
 40mm	75cm	blue					K0240Z1T75	K0140Z1T75

3/8 CIRCLE CUTTING EDGE

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP	
			5/0	4/0
 16mm	75cm	blue	K0716V3T75	
 20mm	75cm	blue		K0620V3T75

3/8 CIRCLE CUTTING EDGE

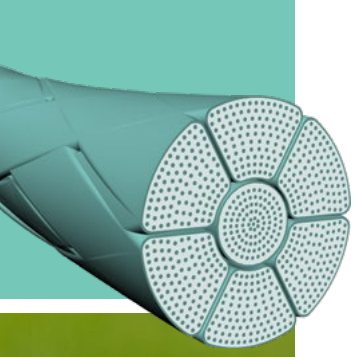
NEEDLE TYPE	SUTURE LENGTH	COLOR	USP				
			3/0	2/0	0	1	2
 26mm	75cm	blue	K0526V3T75	K0426V3T75			
 30mm	75cm	blue		K0430V3T75			
 40mm	75cm	blue			K0340V3T75	K0240V3T75	K0140V3T75



ALCASILK®

Natural solution
in tissue approximation





SILK

ALCASILK® sutures are non-absorbable sterile surgical sutures which are produced of an organic protein called fibroin. This organic protein is derived from the domesticated species Bombyx mori of the family Bombyciade. Braided ALCASILK® sutures are processed to remove the natural oil and viscous. ALCASILK® sutures are dyed black and coated wax.

ALCASILK® sutures have been presented in USP 6/0 – USP 2 gauge sizes in a variety of lengths from 10 cm to 150 cm , as non-needed or attached to stainless steel needles of varying types and sizes.

	Non-absorbable, multifilament, black
CHEMICAL STRUCTURE	Silk
COATING	Wax
WOUND SUPPORT	Loss over years
ABSORPTION	-
TENSILE STRENGTH	-
USP RANGE	6/0 - 2
STERILIZATION	EO (Ethylene Oxide)
PACKAGING	In sterile packages with needle or without needle



HIGH TENSILE STRENGTH, NON-ABSORBABLE STRUCTURE

Excellent and permanent wound support
up to three months



COATED MULTIFILAMENT

Smooth penetration through the tissue
without tissue cutting, friction,
and trauma
Minimum wound trauma
Lower capillarity



BRAIDED STRUCTURE

Minimum suture memory
High usage characteristic
Flexibility
High tensile strength
Excellent knot safety



1/2 CIRCLE TAPER POINT

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP				
			6/0	5/0	4/0	3/0	2/0
 13mm	75cm	black	E0813Z1T75				
 26mm	75cm	black					E0426Z1T75

3/8 CIRCLE CUTTING EDGE

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP	
			5/0	4/0
 16mm	75cm	black	E0716V3T75	
 18mm	75cm	black		E0618V3T75

3/8 CIRCLE CUTTING EDGE

NEEDLE TYPE	SUTURE LENGTH	COLOR	USP					
			3/0	2/0	0	1	2	3
 26mm	75cm	black	E0526V3T75	E0426V3T75				
 30mm	75cm	black			E0330V3T75	E0230V3T75		
 35mm	75cm	black			E0335V3T75			
 40mm	75cm	black				E0240V3T75	E0140V3T75	
 50mm	75cm	black						E0050V3T75

SUTURES WITHOUT NEEDLE

USP	150cm
3	E00X150



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