SURGICAL SUTURES

SYNTHETIC ABSORBABLE SURGICAL SUTURE CONTROL OF THE SYNTHETIC ABSORBABLE SURGICAL SUTURE POLYGLACTINE 910 BRAIDED

THREAD Braided and coated multifilament

MATERIAL Polyglactine 910, a copolymer made of 90% glycolide

and 10%L-lactide

COATING Poly-glycolide-co-L-lactide and calcium stearate (<1%)

COLOUR Violet

TISSUE REACTION Minimal

MATERIAL ABSORPTION Approximately 56 to 70 days

Absorption by hydrolic action

Loss of tensile strength Between 40 % and 50 % remain after 21 days



EP	USP	Length: 15 M	25 M	50 M	100 M
1.5	4/0	PL4015	_	_	
2	3/0	PL3015	PL3025	_	
3	2/0	PL2015	PL2025	PL2050	
3.5	0	PL0015	PL0025	PL0050	
4	1	PL0115	PL0125	PL0150	
5	2	PL0215	PL0225	PL0250	PL02100
6	3 & 4	PL0315	PL0325	PL0350	
7	5	PL0515	PL0525	PL0550	
8	6	PL0615	PL0625	PL0650	

SYNTHETIC ABSORBABLE SURGICAL SUTURE

LUXCRYL MONOFAST

POLYGLECAPRONE 25 MONOFILAMENT

THREAD Monofilament

MATERIAL Polyglecaprone 25, a copolymer made of 75 % glycolide

and 25 % €-caprolactone

COATING None

COLOUR Violet

TISSUE REACTION Minimal

MATERIAL ABSORPTION Approximately 90 to 120 days

Absorbtion by hydrolic action

Loss of tensile strength Approximately 60% remain after 7 days



EP	USP	LENGTH: 15 M	25 M	50 M
4	1	_	PC0125	PC0150
5	2	-	PC0225	PC0250

SYNTHETIC ABSORBABLE SURGICAL SUTURE

POLYDIOXANONE MONOFILAMENT

THREAD Monofilament

MATERIAL Polydioxanone, a polymer made from polyester poly (p-dioxanone)

COATING None

COLOUR Violet

TISSUE REACTION Minimal

MATERIAL ABSORPTION Approximately 180 to 210 days

Absorbtion by hydrolic action

Loss of tensile strength Approximately 50% remain after 42 days



EP	USP	LENGTH: 15 M	25 M	50 M
1.5	4/0	PD4015	_	_
2	3/0	PD3015	PD3025	_
3	2/0	PD2015	PD2025	_
3.5	0	PD0015	PD0025	_
4	1	PD0115	PD0125	PD0150
5	2	PD0215	PD0225	PD0250
6	3 8 t4	PD0315	PD0325	PD0350

SYNTHETIC ABSORBABLE SURGICAL SUTURE

LUXCRYL PGA

POLYGLYCOLIC ACID BRAIDED

THREAD Braided and coated multifilament

MATERIAL Polyglycolic acid

COATING Polycaprolactone and calcium stearate (1%)

COLOUR Violet

TISSUE REACTION Minimal

MATERIAL ABSORPTION Approximately 60 to 90 days

Absorption by hydrolic action

Loss of tensile strength Approximately 50 % remain after 21 days



EP	USP	LENGTH: 15 M	25 M	50 M
1.5	4/0	PG4015	_	_
2	3/0	PG3015	PG3025	_
3	2/0	PG2015	PG2025	PG2050
3.5	0	PG0015	PG0025	PG0050
4	1	PG0115	PG0125	PG0150
5	2	PG0215	PG0225	PG0250
6	38:4	PG0315	PG0325	PG0350
7	5	PG0515	PG0525	PG0550
8	6	PG0615	PG0625	PG0650

SYNTHETIC ABSORBABLE SURGICAL SUTURE XCRYL PGA PLUS

POLYGLYCOLIC ACID BRAIDED IN SOLUTION

THREAD Braided and coated multifilament

MATERIAL Polyglycolic acid stored in an antibacterial solution

COATING Polycaprolactone and calcium stearate (1%)

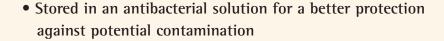
COLOUR Violet

TISSUE REACTION Minimal

MATERIAL ABSORPTION Approximately 60 to 90 days

Absorption by hydrolic action

Loss of tensile strength Approximately 50 % remain after 21 days



• Softer thread enabling easier passes through the tissue



EP	USP	LENGTH: 15 M	25 M	50 M
1.5	4/0	PGL4015	_	-
2	3/0	PGL3015	PGL3025	_
3	2/0	PGL2015	PGL2025	PGL2050
3.5	0	PGL0015	PGL0025	PGL0050
4	1	PGL0115	PGL0125	PGL0150
5	2	PGL0215	PGL0225	PGL0250
6	3 81 4	PGL0315	PGL0325	PGL0350
7	5	PGL0515	PGL0525	PGL0550
8	6	PGL0615	PGL0625	PGL0650

ABSORBABLE SURGICAL SUTURE CATGUT PLAIN

THREAD Twisted multifilament with a monofilament appearance

MATERIAL Strands of purified collagen taken from the serosal layer of selected

bovines. Origin from BSE-free classified countries.

COATING None

COLOUR Ivory

TISSUE REACTION Moderate

MATERIAL ABSORPTION Approximately 63 days

Absorbtion by phagocytosis

When used in infected tissues or in tissues with increased levels of proteolytic enzymes (stomach, cervix, vagina) it is more quickly

absorbed

Loss of tensile strength Approximately 50 % remain after 7 days



EP	USP	LENGTH	
2	4/0	100 m	CP40100
3	3/0	100 m	CP30100
3.5	2/0	100 m	CP20100
4	0	100 m	CP00100
5	1	75 m	CP0175
6	2	50 m	CP0250
7	3	50 m	CP0350
8	4	30 m	CP0430
9	5	30 m	CP0530
10	6	30 m	CP0630

ABSORBABLE SURGICAL SUTURE

CATIGUT CHROM

THREAD Twisted multifilament with a monofilament appearance

MATERIAL Strands of purified collagen taken from the serosal layer of selected

bovines tanned with chrome salts. Origin from BSE-free classified

countries.

COATING None

COLOUR Dark brown

TISSUE REACTION Moderate

MATERIAL ABSORPTION Approximately 90 days

Absorbtion by phagocytosis

When used in infected tissues or in tissues with increased levels of proteolytic enzymes (stomach, cervix, vagina) it is more quickly

absorbed

Loss of tensile strength Approximately 50 % remain after 14 days



EP	USP	Length	
2	4/0	100 m	CC20100
3	3/0	100 m	CC30100
3.5	2/0	100 m	CC20100
4	0	100 m	CC00100
5	1	75 m	CC0175
6	2	50 m	CC0250
7	3	50 m	CC0350
8	4	30 m	CC0430
9	5	30 m	CC0530
10	6	30 m	CC0630

NONABSORBABLE SURGICAL SUTURE BRAIDED BLACK

THREAD Braided multifilament

MATERIAL Braided fibres from the cocoon of the silkworm

COATING Waxes

COLOUR Black

TISSUE REACTION Moderate

MATERIAL ABSORPTION Non absorbable

The silk suture elicits an initial inflammatory reaction in tissues, which is followed by gradual encapsulation of the suture by fibrous

connective tissues



EP	USP	LENGTH	
1	5/0	100 m	S150100
1.5	4/0	100 m	S140100
2	3/0	100 m	S130100
3	2/0	100 m	S120100
3.5	0	100 m	S100100
4	1	100 m	Sl01100
5	2	100 m	Sl02100
6	38:4	80 m	S10380
7	5	60 m	S10560
8	6	50 m	S10650
9	7	40 m	S10740
10	8	30 m	S10830

NONABSORBABLE SURGICAL SUTURE AND NYLON BLUE

THREAD Monofilament

MATERIAL Extrusion of polyamide 6.0 or 6.6

COATING None

COLOUR Blue

TISSUE REACTION Minimal

MATERIAL ABSORPTION Non absorbable

Gradually encapsulated by connective tissue. The thread mass diminishes, approximately $10\ \%$ a year by rupture of chemical

links (hydrolytic action)



USP	LENGTH	
4/0	100 m	NY40100
3/0	100 m	NY30100
2/0	100 m	NY20100
0	100 m	NY00100
1	100 m	NY01100
2	75 m	NY0275
38:4	50 m	NY0350
	4/0 3/0 2/0 0 1 2	4/0 100 m 3/0 100 m 2/0 100 m 0 100 m 1 100 m 2 75 m



THREAD Twisted and coated multifilament

MATERIAL Polyamide 6.6 strands enclosed in a polyamide 6 sheet

COLOUR White

TISSUE REACTION Minimal

MATERIAL ABSORPTION Non absorbable



EP	USP	LENGTH	DRY	IN SOLUTION
1.5	4/0	100 m	SW40100	SWL40100
2	3/0	100 m	SW30100	SWL30100
3	2/0	100 m	SW20100	SWL20100
3.5	0	100 m	SW00100	SWL00100
4	1	100 m	SW01100	SWL01100
5	2	75 m	SW0275	SWL0275
6	3 8 4	50 m	SW0350	SWL0350
7	5	40 m	SW0540	SWL0540
8	6	40 m	SW0640	SWL0640
9	7	30 m	SW0730	SWL0730
10	8	30 m	SW0830	SWL0830



THREAD Twisted and coated multifilament

MATERIAL Polyamide 6.6 strands enclosed in a polyamide 6 sheet

COLOUR Black

TISSUE REACTION Minimal

MATERIAL ABSORPTION Non absorbable



EP	USP	Length	
1.5	4/0	100 m	SB40100
2	3/0	100 m	SB30100
3	2/0	100 m	SB20100
3.5	0	100 m	SB00100
4	1	100 m	SB01100
5	2	75 m	SB0275
6	3 8 4	50 m	SB0350
7	5	40 m	SB0540
8	6	40 m	SB0640
9	7	30 m	SB0730

NONABSORBABLE SURGICAL SUTURE PET POLYESTER BRAIDED WHITE

THREAD Braided multifilament

MATERIAL Polyester, a polymer of polyethylene terephthalate

COATING Silicone

COLOUR White

TISSUE REACTION Minimal

MATERIAL ABSORPTION Non absorbable



EP	USP	Length	
3	2/0	100 m	PEW20100
3.5	0	100 m	PEW00100
4	1	100 m	PEW01100
5	2	100 m	PEW02100
6	3 8 4	80 m	PEW0380
7	5	60 m	PEW0560
8	6	50 m	PEW0650
9	7	40 m	PEW0740
10	8	30 m	PEW0830

NONABSORBABLE SURGICAL SUTURE PET POLYESTER BRAIDED GREEN

THREAD Braided multifilament

MATERIAL Polyester, a polymer of polyethylene terephthalate

COATING Silicone

COLOUR Green

TISSUE REACTION Minimal

MATERIAL ABSORPTION Non absorbable



EP	USP	LENGTH	
1.5	4/0	100 m	PEG40100
2	3/0	100 m	PEG30100
3	2/0	100 m	PEG20100
3.5	0	100 m	PEG00100
4	1	100 m	PEG01100
5	2	75 m	PEG0275
6	38:4	50 m	PEG0350
7	5	40 m	PEG0540
8	6	40 m	PEG0640

NONABSORBABLE SURGICAL SUTURE STEL STAINLESS STEEL MONOFILAMENT

THREAD Monofilament

MATERIAL Iron, nickel and chromium alloy

COATING None

Colour Metal

TISSUE REACTION Minimal

MATERIAL ABSORPTION Non absorbable



EP	USP	Length	
1	5/0	50 m	ST5050
1.5	4/0	50 m	ST4050
2	3/0	50 m	ST3050
3	2/0	50 m	ST2050
3.5	0	50 m	ST0050
4	1	50 m	ST0150

NONABSORBABLE SURGICAL SUTURE

THREAD Twisted multifilament

MATERIAL Natural linen fibre

COATING Carboxy methyl cellulose (C.M.C.)

COLOUR White

TISSUE REACTION Minimal

MATERIAL ABSORPTION Non absorbable



EP	USP	Length	
3	2/0	100 m	L120100
3.5	0	100 m	L100100
4	1	100 m	L101100
5	2	75 m	L10275
6	3 8 4	50 m	L10350
7	5	40 m	L10540

NOTES:

ABSORBABLE SURGICAL SUTURES

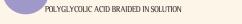












SYNTHETIC ABSORBABLE SURGICAL SUTURE

NON ABSORBABLE SURGICAL SUTURES











