



# Smi

## VETERINARY CATALOGUE

*For quality  
&  
safety*



## *SMI: Surgical sutures of the highest quality*

SMI AG was established in 1987 - the first Belgian company manufacturing surgical sutures - since then it has grown continuously. Today SMI is recognised as a world-wide supplier of high quality surgical sutures and medical devices for human and veterinary medicine.

The company is situated in St. Vith in the East of Belgium, near the point where the borders of Belgium, Germany and Luxembourg meet.

### HIGHEST QUALITY AND SAFETY

SMI complies always with international quality standards such as EN ISO 13485 as well as Good Manufacturing Practices (GMP).

All raw materials and finished products are submitted to stringent quality control by a highly qualified team.

SMI is dedicated to customer satisfaction by ensuring high quality products and an excellent service based on customer focus, reliability and delivery performance.

### WORLD-WIDE RECOGNITION

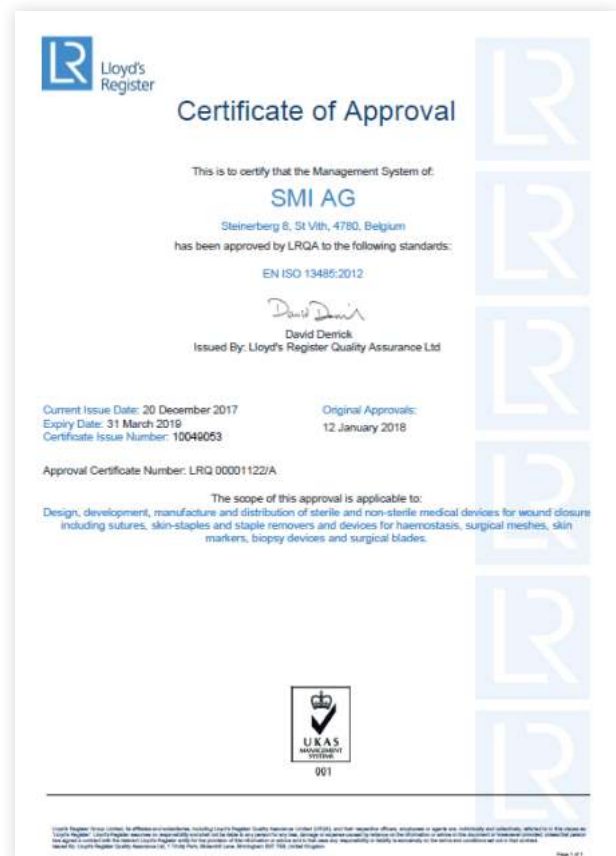
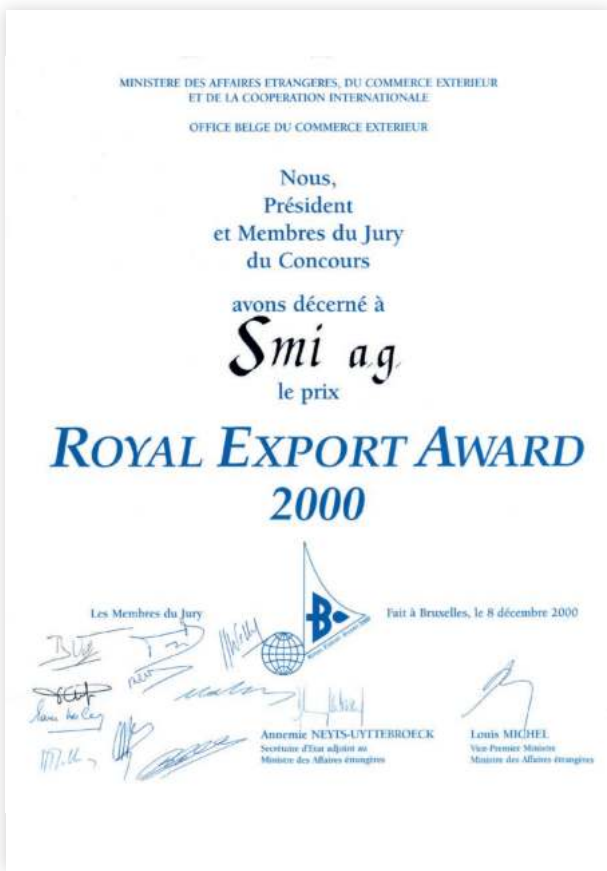
SMI exports to around 90 different countries all over the world. For this performance SMI received the "Royal Export Award 2000" from the Belgian Foreign Trade Board.

### THE CATALOGUE - EDITION 2019

This catalogue contains information about the most commonly used SMI veterinary products. On our Website you will find the full range of SMI products. We are constantly striving to increase our product range based on market developments and customer needs.

Since many years SMI products are recognized by veterinary surgeons around the world.



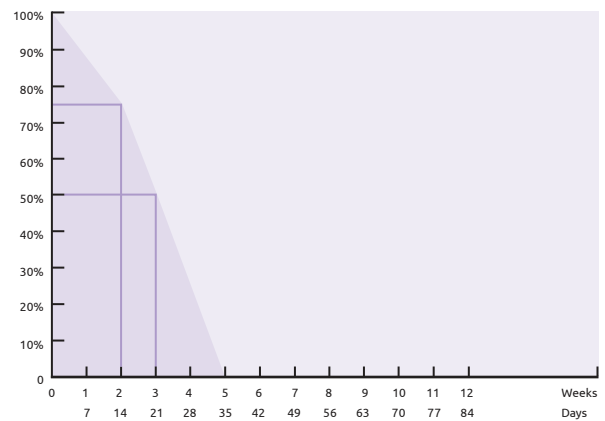


- Type** Braided and coated multifilament
- Composition** Polyglactine 910, a copolymer made of 90% glycolide and 10%L-lactide
- Coating** Poly-glycolide-co-L-lactide and calcium stearate (<1%)
- Colour** Violet
- Tissue reaction** Minimal
- Absorption** The hydrolytic action by which the material is broken down results in total absorption between 56 and 70 days. Between 40% and 50% of tensile strength remain after 21 days.



- Synthetic absorbable
- Braided multifilament
- Breaks down by hydrolysis
- Indications:  
Muscles, connective tissue, skin, etc.

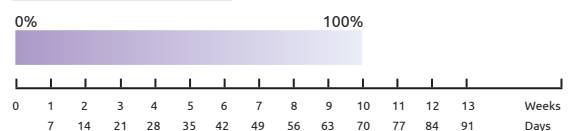
### TENSILE STRENGTH



### TENSILE STRENGTH IN NEWTONS

Metric	USP	Newtons
1.5	4/0	15
2	3/0	24
3	2/0	40
3.5	0	50
4	1	67
5	2	91
6	3&4	115
7	5	150
8	6	170

### ABSORPTION





## IN CASSETTES

Use within 4 months after first opening

Metric	USP	Length	Order number
1.5	4/0	15 m	17151
2	3/0	15 m	17201
2	3/0	25 m	17202
3	2/0	15 m	17301
3	2/0	25 m	17302
3	2/0	50 m	17305
3.5	0	15 m	17351
3.5	0	25 m	17352
3.5	0	50 m	17355
4	1	15 m	17401
4	1	25 m	17402
4	1	50 m	17405

Metric	USP	Length	Order number
5	2	15 m	17501
5	2	25 m	17502
5	2	50 m	17505
5	2	100 m	175010
6	3&4	15 m	17601
6	3&4	25 m	17602
6	3&4	50 m	17605
7	5	15 m	17701
7	5	25 m	17702
7	5	50 m	17705
8	6	15 m	17801
8	6	25 m	17802
8	6	50 m	17805

## FOIL PACKS WITHOUT NEEDLE

Metric	USP	Length	Order number
2	3/0	150 cm	15200015
3	2/0	150 cm	15300015
3.5	0	150 cm	15350015
4	1	150 cm	15400015
5	2	150 cm	15500015
2	3/0	2 x 70 cm	15200070-2
3	2/0	2 x 70 cm	15300070-2
3.5	0	2 x 70 cm	15350070-2
4	1	2 x 70 cm	15400070-2
5	2	2 x 70 cm	15500070-2

## ON REELS

Metric	USP	Length	Order number
2	3/0	250 cm	15200025
3	2/0	250 cm	15300025
3.5	0	250 cm	15350025
4	1	250 cm	15400025
5	2	250 cm	15500025

## EQUINE ABDOMINAL SET USP 6 – EP 8

Strong 1/2 circle taper cutting 48 mm needle  
Box of 12 foils

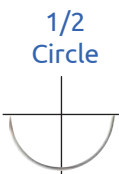
Metric	USP	Length	Order number
8	6	150 cm	1580 0548

## FOIL PACKS

See our website for the complete range

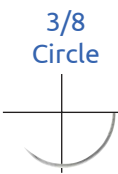
Round bodied  
taper point



	Metric	USP	Length	Order number	
	HR 13 mm	0.7	6/0	75 cm	15070113
	HR 17 mm	1	5/0	75 cm	15100117
		1.5	4/0	75 cm	15150117
	HR 22 mm	2	3/0	75 cm	15200122
		3	2/0	75 cm	15300122
	HR 26 mm	1.5	4/0	75 cm	15150126
		2	3/0	75 cm	15200126
		3	2/0	75 cm	15300126
	HR 30 mm	3.5	0	75 cm	15350126
		3	2/0	75 cm	15300130
	HR 36 mm	3.5	0	90 cm	15350136
		4	1	90 cm	15400136
HR 48 mm	5	2	90 cm	15500148	

Reverse cutting



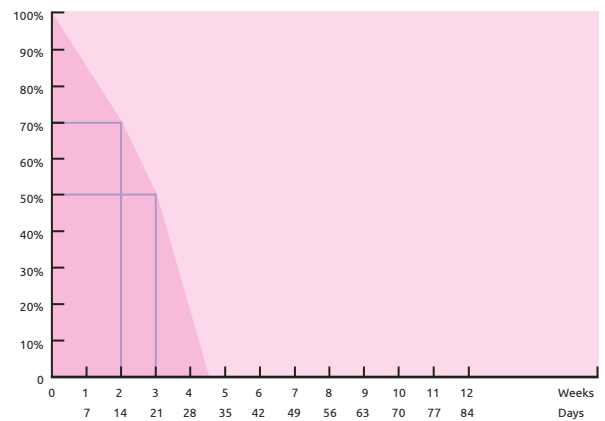
	Metric	USP	Length	Order number	
	DS 12 mm	0.7	6/0	45 cm	15071512
	DS 19 mm	1	5/0	75 cm	15101519
		1.5	4/0	75 cm	15151519
	DS 24 mm	2	3/0	75 cm	15201519
		2	3/0	75 cm	15201524
	DS 30 mm	3	2/0	75 cm	15301524
		3	2/0	75 cm	15301530
	DS 36 mm	3.5	0	75 cm	15351530
		3.5	0	75 cm	15351536
	HS 26 mm	4	1	75 cm	15401536
		2	3/0	75 cm	15201426
	HS 36 mm	3	2/0	75 cm	15301426
3		2/0	75 cm	15301436	
	4	1	75 cm	15401436	

- Type** Braided and coated multifilament
- Composition** Polyglycolic acid
- Coating** Polycaprolactone and calcium stearate (1%)
- Colour** Violet
- Tissue reaction** Minimal
- Absorption** The hydrolytic action by which the material is broken down results in total absorption in approximately 60 to 90 days. Approximately 50% of tensile strength remain after 21 days.



- Synthetic absorbable
- Braided multifilament
- Breaks down by hydrolysis
- Indications:  
Muscles, connective tissue, skin, etc.

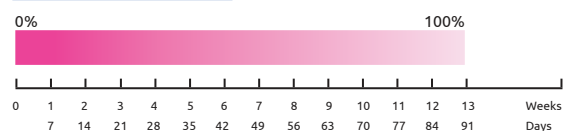
## TENSILE STRENGTH



## TENSILE STRENGTH IN NEWTONS

Metric	USP	Newtons
1.5	4/0	15
2	3/0	26
3	2/0	42
3.5	0	52
4	1	68
5	2	94
6	3&4	120
7	5	153
8	6	173

## ABSORPTION



## IN CASSETTES

Use within 4 months after first opening

Metric	USP	Length	Order number
1.5	4/0	15 m	11151
2	3/0	15 m	11201
2	3/0	25 m	11202
3	2/0	15 m	11301
3	2/0	25 m	11302
3	2/0	50 m	11305
3.5	0	15 m	11351
3.5	0	25 m	11352
3.5	0	50 m	11355
4	1	15 m	11401
4	1	25 m	11402
4	1	50 m	11405

Metric	USP	Length	Order number
5	2	15 m	11501
5	2	25 m	11502
5	2	50 m	11505
5	2	100 m	115010
6	3&4	15 m	11601
6	3&4	25 m	11602
6	3&4	50 m	11605
6	3&4	100 m	116010
7	5	15 m	11701
7	5	25 m	11702
7	5	50 m	11705
8	6	15 m	11801
8	6	25 m	11802
8	6	50 m	11805

## FOIL PACKS WITHOUT NEEDLE

Metric	USP	Length	Order number
1.5	4/0	150 cm	11150015
2	3/0	150 cm	11200015
3	2/0	150 cm	11300015
3.5	0	150 cm	11350015
4	1	150 cm	11400015
5	2	150 cm	11500015
1.5	4/0	3 x 50 cm	11150050
2	3/0	3 x 50 cm	11200050
3	2/0	3 x 50 cm	11300050
3.5	0	3 x 50 cm	11350050
4	1	3 x 50 cm	11400050
5	2	3 x 50 cm	11500050

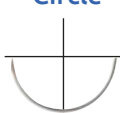
## ON REELS

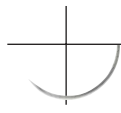


Metric	USP	Length	Order number
2	3/0	250 cm	11200025
3	2/0	250 cm	11300025
3.5	0	250 cm	11350025
4	1	250 cm	11400025
5	2	250 cm	11500025
6	3&4	250 cm	11600025
7	5	250 cm	11700025
8	6	250 cm	11800025

## FOIL PACKS

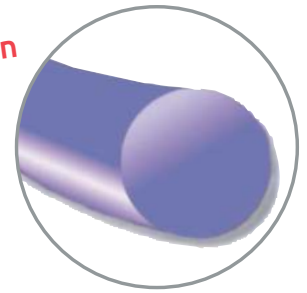
See our website for the complete range

Round bodied taper point	Metric	USP	Length	Order number	
	HR 13 mm	0.7	6/0	75 cm	11070113
		1	5/0	75 cm	11100117
	HR 17 mm	1.5	4/0	75 cm	11150117
		2	3/0	75 cm	11200117
	HR 22 mm	2	3/0	75 cm	11200122
		3	2/0	75 cm	11300122
	HR 26 mm	3.5	0	75 cm	11350126
		4	1	75 cm	11400126
	HR 30 mm	3	2/0	75 cm	11300130
		2	3/0	75 cm	11200136
	HR 36 mm	3.5	0	90 cm	11350136
		4	1	90 cm	11400136
	HR 48 mm	5	2	90 cm	11500148

Reverse cutting	Metric	USP	Length	Order number	
	DS 12 mm	0.7	6/0	45 cm	11071512
		1	5/0	75 cm	11101519
	DS 19 mm	1.5	4/0	75 cm	11151519
		2	3/0	75 cm	11201519
	DS 24 mm	2	3/0	75 cm	11201524
		3	2/0	75 cm	11301524
	DS 24 mm	3.5	0	75 cm	11351524
		2	3/0	75 cm	11201530
	DS 30 mm	3	2/0	75 cm	11301530
		3.5	0	75 cm	11351530
	DS 36 mm	3	2/0	75 cm	11301536
		3.5	0	75 cm	11351536
	DS 36 mm	4	1	75 cm	11401536

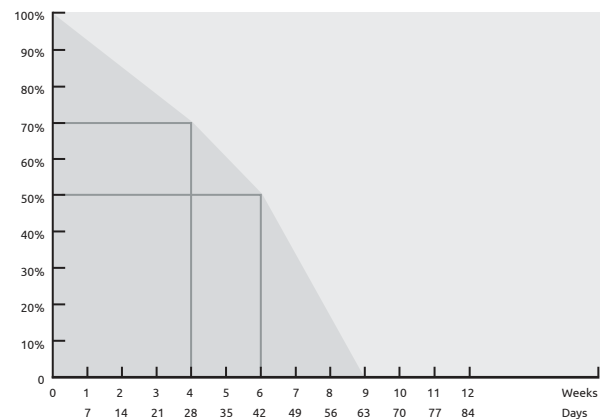
- Type** Monofilament
- Composition** Polydioxanone, a polymer made from polyester poly (p-dioxanone)
- Coating** None
- Colour** Violet
- Tissue reaction** Minimal
- Absorption** The hydrolytic action by which the material is broken down results in total absorption in approximately 180 to 210 days. Approximately 50% of tensile strength remain after 42 days.

with storage solution



- Synthetic absorbable
- Monofilament
- Breaks down by hydrolysis
- Indications:  
Soft tissue, uterus, bladder, intestines, etc.

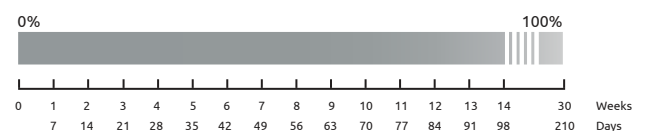
### TENSILE STRENGTH



### TENSILE STRENGTH IN NEWTONS

Metric	USP	Newtons
1.5	4/0	15
2	3/0	25
3	2/0	36
3.5	0	49
4	1	70
5	2	82
6	3&4	93

### ABSORPTION





### IN CASSETTES

Use within 4 months after first opening

Metric	USP	Length	Order number
1.5	4/0	15 m	13151
2	3/0	15 m	13201
2	3/0	25 m	13202
3	2/0	15 m	13301
3	2/0	25 m	13302
3.5	0	15 m	13351
3.5	0	25 m	13352
4	1	15 m	13401

Metric	USP	Length	Order number
4	1	25 m	13402
4	1	50 m	13405
5	2	15 m	13501
5	2	25 m	13502
5	2	50 m	13505
5	2	100 m	135010
6	3&4	15 m	13601
6	3&4	25 m	13602
6	3&4	50 m	13605

### FOIL PACKS WITHOUT NEEDLE

Metric	USP	Length	Order number
5	2	150 cm	13500015
6	3&4	150 cm	13600015

### FOIL PACKS

See our website for the complete range

Round bodied  
taper point



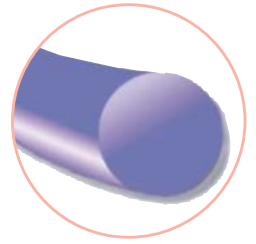
	Metric	USP	Length	Order number	
 1/2 Circle	HR 13 mm	0.7	6/0	75 cm	13070113
	HR 17 mm	1	5/0	75 cm	13100117
		1.5	4/0	75 cm	13150117
	HR 22 mm	1.5	4/0	75 cm	13150122
		2	3/0	75 cm	13200122
	HR 26 mm	2	3/0	75 cm	13200126
		3	2/0	75 cm	13300126
	HR 30 mm	2	3/0	75 cm	13200130
		3	2/0	75 cm	13300130
	HR 36 mm	3	2/0	75 cm	13300136
		3.5	0	90 cm	13350136
	HR 40 mm	3	2/0	90 cm	13300140
HR 48 mm	4	1	90 cm	13400148	

Reverse cutting



	Metric	USP	Length	Order number	
 3/8 Circle	DS 12 mm	0.7	6/0	45 cm	13071512
		1	5/0	45 cm	13101512
	DS 19 mm	1	5/0	45 cm	13101519
		1.5	4/0	75 cm	13151519
	DS 24 mm	2	3/0	75 cm	13201519
		2	3/0	75 cm	13201524
	DS 40 mm	3	2/0	75 cm	13301524
		3.5	0	75 cm	13351524
	HS 36 mm	4	1	90 cm	13401540
		5	2	90 cm	13501540
	HS 36 mm	3	2/0	75 cm	13301436
		3.5	0	75 cm	13351436
	4	1	75 cm	13401436	

- Type** Monofilament
- Composition** Polyglycaprone 25, a copolymer made of 75% glycolide and 25% ε-caprolactone
- Coating** None
- Colour** Violet / Beige - undyed
- Tissue reaction** Minimal
- Absorption** The hydrolytic action by which the material is broken down results in total absorption in approximately 90 to 120 days. Approximately 60% of tensile strength remain after 7 days.

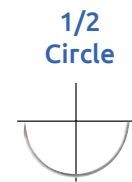


- Synthetic absorbable
- Monofilament
- Breaks down by hydrolysis
- Indications:**  
Soft tissue, uterus, bladder, intestines, etc.

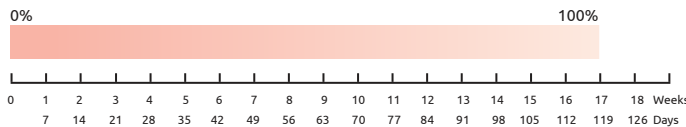
### FOIL PACKS

See our website for the complete range

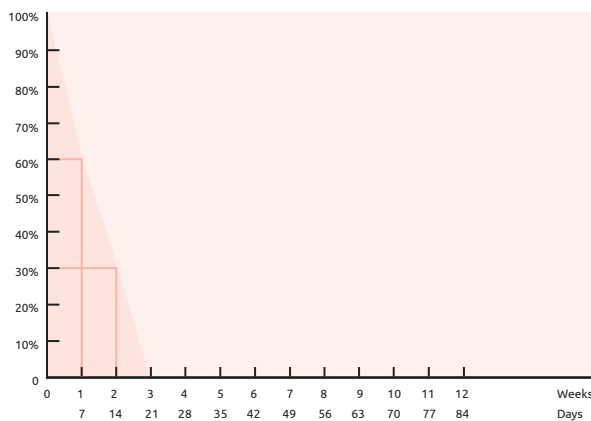
Round bodied taper point	Metric	USP	Length	Order number*
HR 13 mm	0.7	6/0	45 cm	16070113
HR 17 mm	1	5/0	45 cm	16100117
HR 22 mm	1.5	4/0	75 cm	16150122
	2	3/0	75 cm	16200122
HR 26 mm	2	3/0	75 cm	16200126
	3	2/0	75 cm	16300126
HR 36 mm	3.5	0	90 cm	16350136
HR 40 mm	4	1	90 cm	16400140



### ABSORPTION



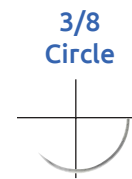
### TENSILE STRENGTH



### TENSILE STRENGTH IN NEWTONS

Metric	USP	Newtons
1.5	4/0	20
2	3/0	31
3	2/0	44
3.5	0	60
4	1	79
5	2	109

Reverse cutting	Metric	USP	Length	Order number*
DS 12 mm	0.7	6/0	75 cm	16071512V
	1	5/0	45 cm	16101512V
DS 16 mm	1	5/0	75 cm	16101516V
	1.5	4/0	75 cm	16151516V
DS 19 mm	1	5/0	75 cm	16101519V
	1.5	4/0	75 cm	16151519V
	1.5	4/0	75 cm	16151519V
	2	3/0	75 cm	16201519V
DS 26 mm	2	3/0	75 cm	16201526V
	3	2/0	75 cm	16301526V
DS 30 mm	3.5	0	75 cm	16351530V



\* violet

- Type** Braided and coated multifilament
- Composition** Polyglycolic acid
- Coating** Polycaprolactone and calcium stearate (1%)
- Colour** Violet
- Tissue reaction** Minimal
- Absorption** The hydrolytic action by which the material is broken down results in total absorption in approximately 60 to 90 days. Approximately 50% of tensile strength remain after 21 days.

with storage solution

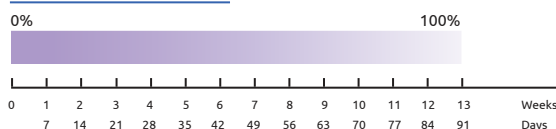


### Benefits of this especially adapted storage solution:

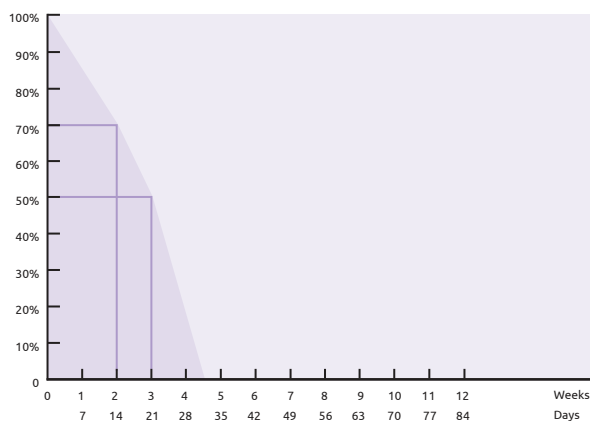
- better protection against potential contamination
- passes better through tissues
- softer thread

- Synthetic absorbable
- Braided multifilament
- Breaks down by hydrolysis
- Indications:  
Muscles, connective tissue, skin, etc.

### ABSORPTION



### TENSILE STRENGTH



### TENSILE STRENGTH IN NEWTONS

Metric	USP	Newtons
1.5	4/0	15
2	3/0	26
3	2/0	42
3.5	0	52
4	1	68
5	2	94
6	3&4	120
7	5	153
8	6	173

### IN CASSETTES

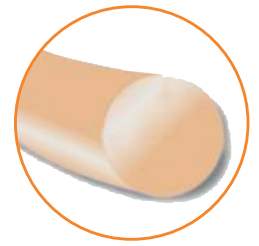
Use within 6 months after first opening

Metric	USP	Length	Order number
1.5	4/0	15 m	15151
2	3/0	15 m	15201
2	3/0	25 m	15202
3	2/0	15 m	15301
3	2/0	25 m	15302
3	2/0	50 m	15305
3.5	0	15 m	15351
3.5	0	25 m	15352
3.5	0	50 m	15355
4	1	15 m	15401
4	1	25 m	15402
4	1	50 m	15405
5	2	15 m	15501
5	2	25 m	15502
5	2	50 m	15505
5	2	100 m	155010
6	3&4	15 m	15601
6	3&4	25 m	15602
6	3&4	50 m	15605
6	3&4	100 m	156010
7	5	15 m	15701
7	5	25 m	15702
7	5	50 m	15705
8	6	15 m	15801
8	6	25 m	15802
8	6	50 m	15805

# CATGUT

PLAIN

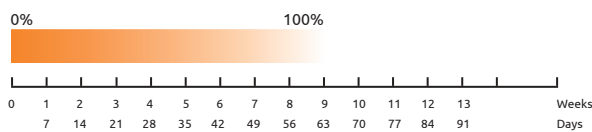
- Type** Twisted multifilament with a monofilament appearance
- Composition** Strands of purified collagen taken from the serosal layer of selected bovines. Origin from BSE-free classified countries.
- Coating** None
- Colour** Ivory
- Tissue reaction** Moderate
- Absorption** By phagocytosis. Complete mass absorption in approximately 63 days. Approximately 50% of tensile strength remain after 7 days. When used in infected tissues or in tissues with increased levels of proteolytic enzymes (stomach, cervix, vagina) it is more quickly absorbed.



- Natural collagen
- Twisted multifilament with a monofilament appearance
- Absorbable
- Breaks down by phagocytosis



## ABSORPTION



## TENSILE STRENGTH IN NEWTONS

Metric	USP	Newtons
2	4/0	10
3	3/0	25
3.5	2/0	30
4	0	43
5	1	55
6	2	73
7	3	96
8	4	135
9	5	162
10	6	199

## IN CASSETTES

Metric	USP	Length	Order number
2	4/0	100 m	1020
3	3/0	100 m	1030
3.5	2/0	100 m	1035
4	0	100 m	1040
5	1	75 m	1050
6	2	50 m	1060
7	3	50 m	1070
8	4	30 m	1080
9	5	30 m	1090
10	6	30 m	1100

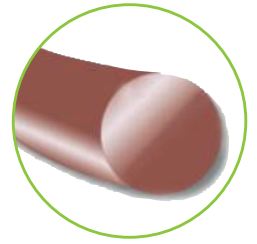
- Also available in foil packs. See our website for further details.



# CATGUT

CHROM

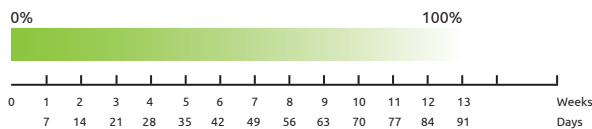
- Type** Twisted multifilament with a monofilament appearance
- Composition** Strands of purified collagen taken from the serosal layer of selected bovines, tanned with chrome salts. Origin from BSE-free classified countries.
- Coating** None
- Colour** Dark brown
- Tissue reaction** Moderate
- Absorption** By phagocytosis. The rate of absorption is slowed down by chromizing. Complete mass absorption in approximately 90 days. Approximately 50% of tensile strength remain after 14 days. When used in infected tissues or in tissues with increased levels of proteolytic enzymes (stomach, cervix, vagina) it is more quickly absorbed.



- ✓ Natural collagen
- ✓ Twisted multifilament with a monofilament appearance
- ✓ Absorbable
- ✓ Breaks down by phagocytosis



## ABSORPTION



## TENSILE STRENGTH IN NEWTONS

Metric	USP	Newtons
1.5	5/0	9
2	4/0	11
3	3/0	23
3.5	2/0	28
4	0	42
5	1	60
6	2	71
7	3	93
8	4	135
9	5	150
10	6	195

## IN CASSETTES

Metric	USP	Length	Order number
1,5	5/0	100 m	2015
2	4/0	100 m	2020
2	4/0	50 m	20205
3	3/0	100 m	2030
3	3/0	50 m	20305
3.5	2/0	100 m	2035
3.5	2/0	50 m	20355
4	0	100 m	2040
4	0	75 m	20407
4	0	50 m	20405
5	1	75 m	2050
5	1	50 m	20505
6	2	50 m	2060
7	3	50 m	2070
8	4	30 m	2080
8	4	25 m	20802
9	5	30 m	2090
10	6	30 m	2100

- ✓ Also available in foil packs. See our website for further details.

**Type** Twisted and coated multifilament, sizes 5/0 and 6/0 monofilament

**Composition** Polyamide 6.6 strands enclosed in a polyamide 6 sheet

**Colour** White

**Tissue reaction** Minimal

**Absorption** Non absorbable, gradually encapsulated by connective tissue

# SUPRAMID

WHITE



## TENSILE STRENGTH IN NEWTONS

Metric	USP	Newtons
1.5	4/0	10
2	3/0	13
2.5	2/0	23
3	2/0	30
3.5	0	40
4	1	54
5	2	76
6	3&4	91
7	5	110
8	6	126
9	7	138
10	8	165

## IN CASSETTES

Metric	USP	Length	without liquid	with liquid
1.5	4/0	100 m	3015	3016
2	3/0	100 m	3020	3021
2.5	2/0	100 m	3025	3026
3	2/0	100 m	3030	3031
3.5	0	100 m	3035	3036
4	1	100 m	3040	3041
5	2	75 m	3050	3051
6	3&4	50 m	3060	3061
7	5	40 m	3070	3071
8	6	40 m	3080	3081
9	7	30 m	3090	3091
10	8	30 m	3100	3101



**Type** Twisted and coated multifilament, sizes 5/0 and 6/0 monofilament

**Composition** Polyamide 6.6 strands enclosed in a polyamide 6 sheet

**Colour** Black

**Tissue reaction** Minimal

**Absorption** Non absorbable, gradually encapsulated by connective tissue

# SUPRAMID

BLACK



## TENSILE STRENGTH IN NEWTONS

Metric	USP	Newtons
1.5	4/0	12
2	3/0	17
2.5	2/0	23
3	2/0	28
3.5	0	36
4	1	64
5	2	79
6	3&4	87
7	5	103
8	6	127
9	7	137

## IN CASSETTES

Metric	USP	Length	Order number
1.5	4/0	100 m	4015
2	3/0	100 m	4020
3	2/0	100 m	4030
3.5	0	100 m	4035
4	1	100 m	4040
5	2	75 m	4050
6	3&4	50 m	4060
7	5	40 m	4070
8	6	40 m	4080
9	7	30 m	4090



**FOIL PACKS** See our website for the complete range

Reverse cutting	Metric	USP	Length	Order number	Metric	USP	Length	Order number	
	1.5	4/0	75 cm	4151519	2	3/0	75 cm	4201524	
	2	3/0	75 cm	4201519	DS 24 mm	3	2/0	75 cm	4301524
	3	0	75 cm	4301519		3.5	0	75 cm	4351524

**Type** Braided multifilament  
**Composition** Braided fibres from the cocoon of the silkworm  
**Colour** Black  
**Tissue reaction** Moderate  
**Absorption** Silk suture elicits an initial inflammatory reaction in tissues, which is followed by gradual encapsulation of the suture by fibrous connective tissues.

**SILK**  
**BRAIDED**  
**BLACK**



**TENSILE STRENGTH IN NEWTONS**

Metric	USP	Newtons
1.5	4/0	8
2	3/0	13
3	2/0	20
3.5	0	31
4	1	36
5	2	55
6	3&4	71
7	5	83
8	6	104
9	7	119
10	8	148

**IN CASSETTES**

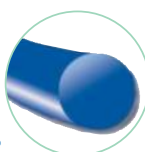
Metric	USP	Length	Order number
1.5	4/0	100 m	8015
2	3/0	100 m	8020
3	2/0	100 m	8030
3.5	0	100 m	8035
4	1	100 m	8040
5	2	100 m	8050
6	3&4	80 m	8060
7	5	60 m	8070
8	6	50 m	8080
9	7	40 m	8090
10	8	30 m	8100

Also available in foil packs.  
 See our website for further details.



**Type** Monofilament  
**Composition** Extrusion of polyamide 6.0 or 6.6  
**Colour** Blue  
**Tissue reaction** Minimal  
**Absorption** Non absorbable, gradually encapsulated by connective tissue. The thread mass diminishes, approximately 10% a year by rupture of chemical links (hydrolytic action).

**DACLON**  
**NYLON**



**TENSILE STRENGTH IN NEWTONS**

Metric	USP	Newtons
1.5	4/0	11
2	3/0	14
3	2/0	30
3.5	0	38
4	1	60
5	2	78
6	3&4	84

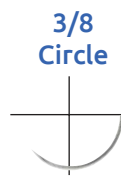
**IN CASSETTES**

Metric	USP	Length	Order number
1.5	4/0	100 m	9015
2	3/0	100 m	9020
3	2/0	100 m	9030
3.5	0	100 m	9035
4	1	100 m	9040
5	2	75 m	9050
6	3&4	50 m	9060

**FOIL PACKS**

See our website for the complete range

Reverse cutting	Metric	USP	Length	Order number
DS 12 mm	0.7	6/0	75 cm	9071512
	1	5/0	75 cm	9101519
DS 19 mm	1.5	4/0	75 cm	9151519
	2	3/0	75 cm	9201519
DS 24 mm	2	3/0	75 cm	9201524
	3	2/0	75 cm	9301524
DS 30 mm	3	2/0	75 cm	9301530
	3.5	0	75 cm	9351530
DS 40 mm	4	1	75 cm	9401540
	5	2	90 cm	9501540



<b>Type</b>	Braided multifilament
<b>Composition</b>	Polyester - a polymer of polyethylene terephthalate
<b>Colour</b>	Green / White
<b>Tissue reaction</b>	Minimal
<b>Absorption</b>	Non absorbable, gradually encapsulated by connective tissue



### TENSILE STRENGTH IN NEWTONS

Metric	USP	Newtons	
		DERMAFIL GREEN	VITAFIL WHITE
1.5	4/0	14	-
2	3/0	18	-
2.5	2/0	22	-
3	2/0	31	28
3.5	0	46	42
4	1	53	50

Metric	USP	Newtons	
		DERMAFIL GREEN	VITAFIL WHITE
5	2	70	68
6	3&4	89	92
7	5	128	125
8	6	144	156
9	7	-	171
10	8	-	187

### IN CASSETTES

Metric	USP	DERMAFIL GREEN		VITAFIL WHITE	
		Length	Length	Length	Length
1.5	4/0	7015	100 m	-	-
2	3/0	7020	100 m	-	-
2.5	2/0	7025	100 m	-	-
3	2/0	7030	100 m	6030	100 m
3.5	0	7035	100 m	6035	100 m
4	1	7040	100 m	6040	100 m
5	2	7050	75 m	6050	100 m
6	3&4	7060	50 m	6060	80 m
7	5	7070	40 m	6070	60 m
8	6	7080	40 m	6080	50 m
9	7	-	-	6090	40 m
10	8	-	-	6100	30 m



### POLYESTER GREEN



### FOIL PACKS

See our website for the complete range

Round bodied taper point	Metric	USP	Length	Order number	
 1/2 Circle	HR 16 mm	1.5	4/0	75 cm	7150116
	HR 20 mm	2	3/0	75 cm	7200120
	HR 26 mm	3	2/0	75 cm	7300126
	HR 30 mm	3.5	0	75 cm	7350130

Reverse cutting	Metric	USP	Length	Order number	
 3/8 Circle	DS 16 mm	1	5/0	75 cm	7101516
	DS 19 mm	1.5	4/0	75 cm	7151519
		2	3/0	75 cm	7201519
	DS 24 mm	2	3/0	75 cm	7201524
		3	2/0	75 cm	7301524
	DS 30 mm	3	2/0	75 cm	7301530
		3.5	0	75 cm	7351530



<b>Type</b>	Twisted multifilament
<b>Composition</b>	Linen
<b>Colour</b>	Natural
<b>Tissue reaction</b>	Minimal
<b>Absorption</b>	Non absorbable

## LINAFIL

NATURAL



### TENSILE STRENGTH IN NEWTONS

Metric	USP	Newtons
3	2/0	23
3.5	0	34
4	1	45
5	2	53
6	3&4	78
7	5	94

### IN CASSETTES

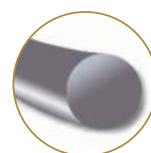
Metric	USP	Length	Order number
3	2/0	100 m	5030
3.5	0	100 m	5035
4	1	100 m	5040
5	2	75 m	5050
6	3&4	50 m	5060
7	5	40 m	5070



<b>Type</b>	Monofilament
<b>Composition</b>	Iron, nickel and chromium alloy
<b>Colour</b>	Metal
<b>Tissue reaction</b>	Minimal
<b>Absorption</b>	Non absorbable

## STEEL

MONOFILAMENT



### TENSILE STRENGTH IN NEWTONS

Metric	USP	Newtons
1	5/0	7
1.5	4/0	15
2	3/0	23
3	2/0	50
3.5	0	92
4	1	100

### IN CASSETTES

Metric	USP	Length	Order number
1	5/0	50 m	10010
1.5	4/0	50 m	10015
2	3/0	50 m	10020
3	2/0	50 m	10030
3.5	0	50 m	10035
4	1	50 m	10040



## Surgibond

- ✓ *Good visibility due to blue color*
- ✓ *Surgibond acts within seconds*
- ✓ *No unnecessary sutures or dressings*

N-butyl cyanoacrylate tissue adhesive

- ✓ wound closure
- ✓ for additional suture support
- ✓ stops bleeding
- ✓ protection against infections



### INDICATIONS:

lacerations, abrasions  
suture/staple line sealing  
tooth extractions, oral surgeries

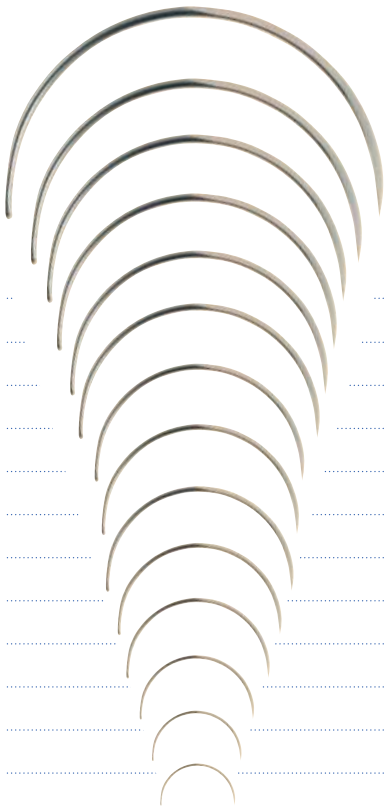
2.5 ml            ZG2

**Surgibond applicators**

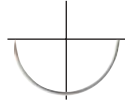
6 pc                ZGA2

# Needles

## 12 in one box



1/2 Circle



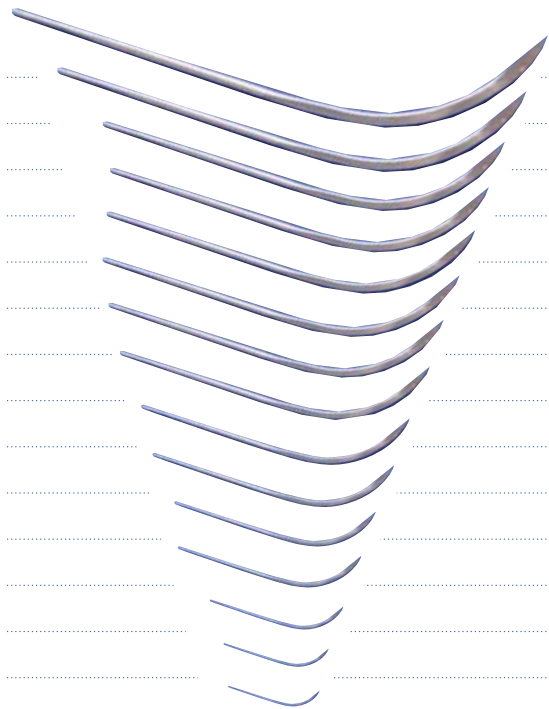
	Ordinary Eye GN	Spring Eye GF	Ordinary Eye GRN	Spring Eye GRF
90 mm N°00		Z 751		Z 850
80 mm N°1	Z 702	Z 752		Z 851
70 mm N°2	Z 703	Z 753		Z 853
65 mm N°3	Z 704			
60 mm N°4		Z 755		Z 855
55 mm N°6	Z 706	Z 756	Z 806	Z 856
50 mm N°7		Z 758	Z 807	Z 858
48 mm				Z 840
45 mm N°8	Z 708	Z 759	Z 808	Z 859
40 mm N°9	Z 710	Z 760	Z 810	Z 860
35 mm N°10	Z 711	Z 761	Z 811	Z 861
30 mm N°12	Z 712	Z 762	Z 812	Z 862
25 mm N°13	Z 713	Z 763	Z 813	Z 863
20 mm N°15	Z 714	Z 764	Z 814	Z 864
16 mm N°16		Z 766		Z 866

## SKI NEEDLES half curved



Ordinary Eye




Spring Eye



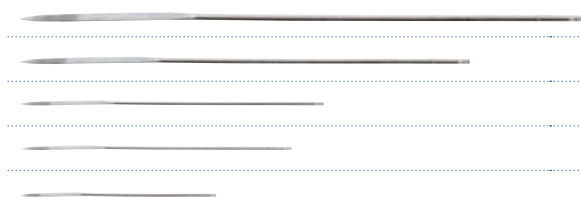
	Ordinary Eye	Spring Eye
80 mm N°1	Z 202	
70 mm N°2	Z 203	
65 mm N°3	Z 204	
60 mm N°4	Z 205	
57 mm N°5	Z 201	
55 mm N°6	Z 206	
50 mm N°7	Z 207	
45 mm N°8	Z 208	
40 mm N°9		Z 260
35 mm N°10		Z 261
30 mm N°12		Z 262
25 mm N°13		Z 263
20 mm N°15		Z 264
16 mm N°16		Z 266
12 mm N°20		Z 268



### 3/8 Circle



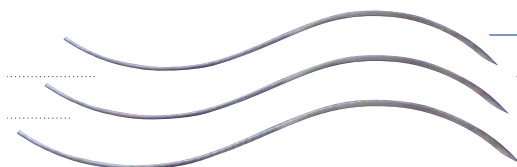
	 Ordinary Eye BN Spring Eye BF		 Ordinary Eye BRN Spring Eye BRF		 Ordinary Eye BRT
130 mm N°6-0	Z 495		Z 595		
110 mm N°4-0			Z 599		
100 mm N°000	Z 500	Z 550		Z 650	
90 mm N°00	Z 501	Z 551	Z 601	Z 651	Z 301
90 mm LIGHT N°00	Z 502		Z 602		
85 mm N°0			Z 590		
80 mm N°1	Z 503	Z 552	Z 591	Z 652	Z 303
70 mm N°2	Z 504	Z 553	Z 603	Z 653	
70 mm LIGHT N°2	Z 504L				
65 mm N°3		Z 554	Z 604		
60 mm N°4	Z 505	Z 555		Z 655	
57 mm N°5	Z 506		Z 605		
55 mm N°6		Z 556		Z 656	
50 mm N°7		Z 557	Z 607	Z 657	
45 mm N°8	Z 508	Z 558	Z 608	Z 658	
40 mm N°9	Z 510	Z 560	Z 610	Z 660	
35 mm N°10	Z 511	Z 561	Z 611	Z 661	
32 mm N°11		Z 570		Z 670	
30 mm N°12	Z 512	Z 562	Z 612	Z 662	
25 mm N°13	Z 513	Z 563	Z 613	Z 663	
22 mm N°14		Z 571		Z 671	
20 mm N°15	Z 514	Z 564	Z 614	Z 664	
16 mm N°16	Z 516	Z 566		Z 666	
14 mm N°17		Z 567		Z 667	
12 mm N°20		Z 568			


### STRAIGHT



	 Ordinary Eye GSN	 Spring Eye GSF
75 mm N° 1		Z 904
60 mm N° 4	Z 903	Z 913
45 mm N° 8	Z 902	
40 mm N° 9		Z 912
35 mm N° 10		Z 911

### SERPENTINE NEEDLE



	 Ordinary Eye GSN
110 mm	Z 403
135 mm	Z 401
145 mm	Z 402

# Material for repairing the cruciate ligaments

With this system you can unassisted and without much effort perform a solid and long lasting fixation of the cruciate repair.



## CRUCIATE NEEDLE

				Order number
size 2	large	length 80 mm	dz.	ZC0000002
size 2	large	length 80 mm	6 pc.	ZC0000002-6
size 3	medium	length 62 mm	dz.	ZC0000003
size 3	medium	length 62 mm	6 pc.	ZC0000003-6
size 4	small	length 45 mm	dz.	ZC0000004
size 4	small	length 45 mm	6 pc.	ZC0000004-6
size 5	very small	length 30 mm	dz.	ZC0000005
size 5	very small	length 30 mm	6 pc.	ZC0000005-6



## CRUCIATE REPAIR CRIMP TUBE

			Order number
10 mm	(SS 316)		dz. ZC00010
12 mm	(SS 316)		dz. ZC00012
14 mm	(SS 316)		dz. ZC00014



## NYLON CRUCIATE SURGICAL SUTURES

			<b>STERILE EO</b>	Order number
CCL nylon sutures	50 lb x 500 mm	dogs < 15 kg	1 pc.	ZC050
CCL nylon sutures	80 lb x 800 mm	dogs < 20 kg	1 pc.	ZC080
CCL nylon sutures	100 lb x 800 mm	dogs > 20 kg	1 pc.	ZC100
		dogs > 40 Kg = 2 x 100 Lb		

## NYLON CRUCIATE SURGICAL SUTURES WITH 1 CRIMP

			<b>STERILE EO</b>	Order number
CCL nylon sutures	50 lb x 500 mm + 10 mm crimp		1 pc.	ZC05010
CCL nylon sutures	80 lb x 800 mm + 12 mm crimp		1 pc.	ZC08012
CCL nylon sutures	100 lb x 800 mm + 12 mm crimp		1 pc.	ZC10012

## NYLON CRUCIATE SURGICAL SUTURES WITH 3 CRIMPS

		<b>STERILE EO</b>	Order number
CCL nylon sutures	50 lb x 500 mm + 3 x 10 mm crimp	1 pc.	ZC05010-3
CCL nylon sutures	80 lb x 800 mm + 3 x 12 mm crimp	1 pc.	ZC08012-3
CCL nylon sutures	100 lb x 800 mm + 3 x 12 mm crimp	1 pc.	ZC10012-3

## NYLON CRUCIATE SURGICAL SUTURES WITH NEEDLE + CRIMP

		<b>STERILE EO</b>	Order number
CCL nylon sutures	50 lb x 500 mm + very small 30 mm needle + 10 mm crimp	1 pc.	ZC0501005
CCL nylon sutures	80 lb x 800 mm + small 45 mm needle + 12 mm crimp	1 pc.	ZC0801204
CCL nylon sutures	100 lb x 800 mm + medium 62 mm needle + 12 mm crimp	1 pc.	ZC1001203

## NYLON CRUCIATE SURGICAL SUTURES LOOP (DOUBLE LINE)

		<b>STERILE EO</b>	Order number
CCL nylon sutures	50 lb x 1000 mm + very small 30 mm needle loop	1 pc.	ZC0500005L
CCL nylon sutures	80 lb x 1600 mm + small 45 mm needle loop	1 pc.	ZC0800004L
CCL nylon sutures	80 lb x 1600 mm + medium 62 mm needle loop	1 pc.	ZC0800003L
CCL nylon sutures	100 lb x 1600 mm + medium 62 mm needle loop	1 pc.	ZC1000003L

## NYLON CRUCIATE SURGICAL SUTURES WITH 2 CRIMPS LOOP (DOUBLE LINE)

		<b>STERILE EO</b>	Order number
CCL nylon sutures	50 lb x 1000 mm + very small 30 mm needle + 2 x 10 mm crimps loop	1 pc.	ZC0501005L
CCL nylon sutures	80 lb x 1600 mm + medium 62 mm needle + 2 x 12 mm crimps loop	1 pc.	ZC0801204L
CCL nylon sutures	100 lb x 1600 mm + medium 62 mm needle + 2 x 12 mm crimps loop	1 pc.	ZC1001203L



## E - FIBER UHMWPE

# Ultra High Molecular Weight Polyethylene

E FIBER is a medical grade braided sterile surgical suture prepared from Ultra High Molecular Polyethylene (UHMWPE) and Polyester. E Fiber is a non absorbable braided suture that provides flexibility and strength superior to most other suture materials.

### BENEFITS:

- ✓ *High purity, medical grade Ultra-High-Molecular-Weight Polyethylene fiber provides flexibility and unmatched strength*
- ✓ *Unique braid construction has better knot break strength than polyester suture with a long chain polyethylene core*
- ✓ *Lubricious design allows each knot to slide for smoother, more efficient performance*
- ✓ *A flatter surface allows each knot to lock against the previous, providing superior knot security*
- ✓ *Unique braiding with a blue tracer provides improved visibility*

### E-FIBER SUTURES

**STERILE** Order no.

E-Fiber sutures metric 5 USP 2 length 500 mm	dogs < 10 kg	1 pc.	ZCB5
E-Fiber sutures metric 6 USP 3&4 length 500 mm	dogs < 20 kg	1 pc.	ZCB6
E-Fiber sutures metric 7 USP 5 length 500 mm	dogs < 30 kg	1 pc.	ZCB7
E-Fiber sutures metric 9 USP 7 length 600 mm	dogs < 40 kg	1 pc.	ZCB9

### E-FIBER LATERAL SUTURES WITH STRAIGHT & CURVED NEEDLE

**STERILE** Order no.

E-Fiber sutures metric 5 USP 2 length 300 mm + straight & curved needle	dogs < 10 kg	1 pc.	ZCB5N
E-Fiber sutures metric 6 USP 3&4 length 500 mm + straight & curved needle	dogs < 20 kg	1 pc.	ZCB6N
E-Fiber sutures metric 7 USP 5 length 500 mm + straight & curved needle	dogs < 30 kg	1 pc.	ZCB7N
E-Fiber sutures metric 9 USP 7 length 600 mm + straight & curved needle	dogs < 40 kg	1 pc.	ZCB9N

### E-FIBER LATERAL SUTURES WITH STRAIGHT & CURVED NEEDLE + 1 CRIMP

**STERILE** Order no.

E-Fiber sutures metric 5 USP 2 length 300 mm + straight & curved needle + 1 crimp	dogs < 10 kg	1 pc.	ZCB5NC
E-Fiber sutures metric 6 USP 3&4 length 500 mm + straight & curved needle + 1 crimp	dogs < 20 kg	1 pc.	ZCB6NC
E-Fiber sutures metric 7 USP 5 length 500 mm + straight & curved needle + 1 crimp	dogs < 30 kg	1 pc.	ZCB7NC
E-Fiber sutures metric 9 USP 7 length 600 mm + straight & curved needle + 1 crimp	dogs < 40 kg	1 pc.	ZCB9NC

### E-FIBER LATERAL SUTURES DOUBLE LINE WITH STRAIGHT & CURVED NEEDLE

**STERILE** Order no.

E-Fiber sutures metric 9 USP 7 double line length 500 mm + straight & curved needle	dogs > 40 kg	1 pc.	ZCB9N2
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### E-FIBER LATERAL SUTURES DOUBLE LINE WITH STRAIGHT & CURVED NEEDLE + 2 CRIMPS

**STERILE** Order no.

E-Fiber sutures metric 9 USP 7 double line length 500 mm + straight & curved needle + 2 crimps	dogs > 40 kg	1 pc.	ZCB9N2C
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## CCL instruments

### CRIMP FORCEPS



18 cm ZC24

### COMPOUND CRIMP HIGH FORCE



23 cm ZC25

## Skin Stapler & Remover

### INDICATIONS:

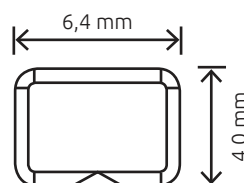
SMI Skin Stapler can be used for a variety of skin closures.

### BENEFITS:

- ✓ *Ergonomic and user friendly design*
- ✓ *Clear view of operating site*
- ✓ *Easy to check remaining staples*

- |                                      |       |
|--------------------------------------|-------|
| 1. Skin Stapler with 35 Wide Staples | ZS35W |
| 2. Single use staple remover         | ZSR   |
| 3. Single use staple remover 2       | ZSR2  |

### Staple size



## Polypropylene mesh

### BENEFITS:

- ✓ *Extreme dimensional stability*
- ✓ *Very thin mesh structure*
- ✓ *Ideal porosity*
- ✓ *Excellent transparency*
- ✓ *Good handling*
- ✓ *Easy to cut*
- ✓ *Well tolerated*

15 x 15 cm	ZMS1515
30 x 30 cm	ZMS3030
6 x 11 cm	ZMS0611
10 x 15 cm	ZMS1015
7.5 x 15 cm	ZMS07515

### INDICATIONS:

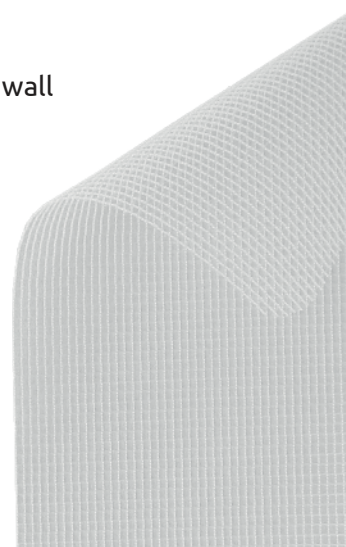
Reinforcement of the abdominal wall

- Hernia
- Eventration

via celioscopy or laparotomy

### COMPOSITION:

Monofilament polypropylene knitted into an elastic, durable mesh



## SMI Spon

### COMPOSITION:

Highly purified first grade gelatine material

### INDICATIONS:

For use in various surgical procedures. Intended for haemostatic use by applying to a bleeding surface. Non pyrogenic and biocompatible.

### ABSORBABLE HAEMOSTATIC GELATIN SPONGE

standard	80 x 50 x 10 mm	ZHG805010
special	80 x 50 x 1 mm	ZHG805001
regular	70 x 50 x 10 mm	ZHG705010
dental cube	10 x 10 x 10 mm	ZHG101010



## Biopsy punch

Sterile single-use biopsy punch with lightweight handle for accurate and gentle skin biopsies

- ✓ *Seamless stainless steel sharp cutting edge*
- ✓ *Ribbed handle for sure grip and control*



biopsy punch Ø 2 mm	25 pc.	ZBP2
biopsy punch Ø 3 mm	25 pc.	ZBP3
biopsy punch Ø 4 mm	25 pc.	ZBP4
biopsy punch Ø 5 mm	25 pc.	ZBP5
biopsy punch Ø 6 mm	25 pc.	ZBP6
biopsy punch Ø 8 mm	25 pc.	ZBP8
biopsy punch Ø 10 mm	20 pc.	ZBP10
biopsy punch Ø 12 mm	20 pc.	ZBP12

## Dog and cat urinary catheters



### CAT CATHETER

			Order no.
1.00 mm x 13 cm	3 FG	12 pc.	ZAKA10
1.30 mm x 13 cm	4 FG	12 pc.	ZAKA13
1.00 mm x 13 cm with Stylet	3 FG	12 pc.	ZAKA10-S
1.30 mm x 13 cm with Stylet	4 FG	12 pc.	ZAKA13-S

### DOG CATHETER

			Order no.
1.30 mm x 50 cm	4 FG	12 pc.	ZAKA13D
2.00 mm x 50 cm	6 FG	12 pc.	ZAKA20
2.60 mm x 50 cm	8 FG	12 pc.	ZAKA26
3.30 mm x 50 cm	10 FG	12 pc.	ZAKA33

## Surgical suture rack



The flexible racking system keeps your sutures organized and easily accessible during surgery.

The interchangeable pieces allow for assembly into multiple configurations.

1 rack for 2 horizontal suture boxes (125 mm x 72 mm x 143 mm)	Z070
Drawer for rack	Z071

## Cassette holder

Stainless steel

for 3 cassettes	Z0050
for 4 cassettes	Z0051
for 5 cassettes	Z0052



# E-Collars

## EASYCOL COLLAR

- Made of environmentally friendly flexible polypropylene
- With cotton flannel on the edge on collar providing a comfortable fit for the patient
- Equipped with a new quick-fastening system. The collar gets closed by fastening tape or press buttons.
- Available in 9 different sizes fitting any dog and cat



### EASYCOL COLLAR fitting for neck Ø:

		Order no.
7 cm	1 pc.	ZKE7
9.5 cm	1 pc.	ZKE95
10 cm	1 pc.	ZKE10
11.5 cm	1 pc.	ZKE115
13 cm	1 pc.	ZKE13
15.5 cm	1 pc.	ZKE155
17 cm	1 pc.	ZKE17
18 cm	1 pc.	ZKE18
22.5 cm	1 pc.	ZKE225

## CLASSIC E-COLLAR

- Made of 100% environmentally friendly transparent polypropylene
- Available in 9 different sizes fitting any dog and cat
- Easy to fit on the patient
- 3 neck size adjustments



### CLASSIC E-COLLAR

### fitting for neck Ø:

### Order no.

			Order no.
7.5 cm	6 - 8 cm	10 pc.	ZKC75
10 cm	7 - 8 cm	10 pc.	ZKC10
12.5 cm	9 - 11 cm	10 pc.	ZKC125
15 cm	10 - 12 cm	10 pc.	ZKC15
20 cm	12 - 14 cm	10 pc.	ZKC20
25 cm	14 - 16 cm	10 pc.	ZKC25
30 cm	15 - 18 cm	10 pc.	ZKC30
35 cm	19 - 22 cm	10 pc.	ZKC35
40 cm	22 - 25 cm	10 pc.	ZKC40

## CLIC E-COLLAR

- Made of 100% environmentally friendly transparent polypropylene
- Available in 9 different sizes fitting any dog
- Simple closing mechanism
- 3 neck size adjustments
- Easy to fit on the patient



### CLIC E-COLLAR

### fitting for neck Ø:

### Order no.

			Order no.
7.5 cm	6 - 8 cm	10 pc.	ZKK75
10 cm	7 - 8 cm	10 pc.	ZKK10
12.5 cm	9 - 11 cm	10 pc.	ZKK125
15 cm	10 - 12 cm	10 pc.	ZKK15
20 cm	12 - 14 cm	10 pc.	ZKK20
25 cm	14 - 16 cm	10 pc.	ZKK25
30 cm	15 - 18 cm	10 pc.	ZKK30
35 cm	19 - 22 cm	10 pc.	ZKK35
40 cm	22 - 25 cm	10 pc.	ZKK40



# Flex - Bandage



- Self-adhesive, without sticking to the skin or the hair
- Strong and pleasant to apply
- Sweat and water-resistant
- Maintain the original size and will not shrink on the patient
- Hand tear, no scissors needed
- Available in different colours
- Available in 6 different sizes fitting any dog and cat



## FLEX-BANDAGE 2.5 cm - 4.5 m

### Order no.

red	60 pc.	ZBAR25
green	60 pc.	ZBAG25
blue	60 pc.	ZBAB25
yellow	60 pc.	ZBAY25
yellow smiley	60 pc.	ZBAY25-S
different colours	60 pc.	ZBAM25

## FLEX-BANDAGE 7.5 cm - 4.5 m

### Order no.

white	24 pc.	ZBAW75
red	24 pc.	ZBAR75
green	24 pc.	ZBAG75
blue	24 pc.	ZBAB75
yellow	24 pc.	ZBAY75
neon orange	24 pc.	ZBANO75
neon pink	24 pc.	ZBANP75
neon green	24 pc.	ZBANG75
blue smiley	24 pc.	ZBAB75-S
yellow smiley	24 pc.	ZBAY75-S
white paw	24 pc.	ZBAW75-P
different colours	24 pc.	ZBAM75

## FLEX-BANDAGE 15 cm - 4.5 m

### Order no.

red	12 pc.	ZBAR15
green	12 pc.	ZBAG15

## FLEX-BANDAGE 5 cm - 4.5 m

### Order no.

white	36 pc.	ZBAW5
red	36 pc.	ZBAR5
green	36 pc.	ZBAG5
blue	36 pc.	ZBAB5
yellow	36 pc.	ZBAY5
neon orange	36 pc.	ZBANO5
neon pink	36 pc.	ZBANP5
neon green	36 pc.	ZBANG5
blue smiley	36 pc.	ZBAB5-S
yellow smiley	36 pc.	ZBAY5-S
white paw	36 pc.	ZBAW5-P
different colours	36 pc.	ZBAM5

## FLEX-BANDAGE 10 cm - 4.5 m

### Order no.

white	18 pc.	ZBAW10
red	18 pc.	ZBAR10
green	18 pc.	ZBAG10
blue	18 pc.	ZBAB10
yellow	18 pc.	ZBAY10
black	18 pc.	ZBABL10
neon orange	18 pc.	ZBANO10
neon pink	18 pc.	ZBANP10
neon green	18 pc.	ZBANG10
blue smiley	18 pc.	ZBAB10-S
yellow smiley	18 pc.	ZBAY10-S
white paw	18 pc.	ZBAW10-P
different colours	18 pc.	ZBAM10



## SMI Tablet Introducer

- ✓ The SMI Tablet Introducer with a smart design and a soft rubber tip makes it easier to administer a tablet without causing damaging the mouth.
- ✓ The SMI Tablet Introducer is a fast and easy way of administering tablets to cats and dogs.
- ✓ The Box can be congregated into a smart display supplied with 10 units.

TABLET INTRODUCER	Order no.
with silicone top	ZT1



## Pilomat

**TABLET CRUSHER** Z045

To crush tablets with a simple flick of the wrist.



**TABLET SPLITTER** Z044

To cut tablets of any size in two.



## Absorbent OP-Cover

- ✓ 56 sqm 3-ply-op cover
- ✓ Polyolefines Based Film 24gsm
- ✓ Rubber Based Adhesive (UFD technology) 2 gsm
- ✓ Hydrophilic Polypropylene Spunbond 30 gsm
- ✓ Latex Free Materials

As a result of the material composition, liquid distributes and absorbs quickly.



PRODUCT	Order no.	PRODUCT	Order no.
30 x 45 cm WITHOUT HOLE	ZOC3045	31 x 44 cm HOLE 1,5 x 4,5 cm	ZOC3144-S
45 x 60 cm WITHOUT HOLE	ZOC4560	31 x 44 cm HOLE 3,5 x 9 cm	ZOC3144-M
60 x 90 cm WITHOUT HOLE	ZOC6090	31 x 44 cm HOLE 5 x 14 cm	ZOC3144-B
90 x 120 cm WITHOUT HOLE	ZOC90120	44 x 74 cm HOLE 7 x 20 cm	ZOC4474-S
120 x 120 cm WITHOUT HOLE	ZOC120120	44 x 74 cm HOLE 8 x 24 cm	ZOC4474-M
120 x 180 cm WITHOUT HOLE	ZOC120180	44 x 74 cm HOLE 10 x 29 cm	ZOC4474-B
180 x 250 cm WITHOUT HOLE	ZOC180250		

# Protection

## BODY PROTECTION

disposable, polyethylene protective gowns, individually packed and folded gowns

- Long funnel-shaped raglan sleeves with tight forearms cuffs to provide a good seal
- No back opening for better protection
- Long and roomy for kneeling

ECONOMIC 25 $\mu$		Order no.
180 cm green	24 pc.	ZP001
170 cm green	24 pc.	ZP002
STANDARD 30 $\mu$		
190 cm (165 cm) blue	24 pc.	ZP004
180 cm (156 cm) blue	24 pc.	ZP005
170 cm (140 cm) blue	24 pc.	ZP006
180 cm (156 cm) blue sterile	1 pc.	ZP007
170 cm (140 cm) blue sterile	1 pc.	ZP008



## OVERALL

PP-spun non-woven with cap, disposable suit, green

S	5 pc.	ZP050
M	5 pc.	ZP051
L	5 pc.	ZP052
XL	5 pc.	ZP053
XXL	5 pc.	ZP054



## GLOVES



### ECO-GLOVES 25 $\mu$ 90 cm GREEN

Disposable, standard polyethylene gloves 100 pc. ZP015



### NECK-GLOVES 25 $\mu$ 90 cm FROM FINGERTIP TO NECK GREEN

Disposable exploration gloves, with armpit protection and a slip over for the neck (25 microns) 50 pc. ZP016  
Maximum protection

## OVERBOOTS

### OVERBOOTS 60 $\mu$ 35 cm long and 50 cm high

Disposable plastic overboots with elastic bands 50 pc. ZP030



# Surgicryl® absorbable sutures



**SURGICRYL®**  
MONOFILAMENT  
POLYDIOXANONE



**Surgicryl® Monofilament Polydioxanone**  
Approximately 60 days wound support

**SURGICRYL®**  
PGA  
POLYGLYCOLIC ACID



**Surgicryl® PGA Polyglycolic acid**  
Approximately 30 days wound support

**SURGICRYL®**  
MONOFAST  
POLYGLYCAPRONE 25



**Surgicryl® Monofast Polyglecaprone 25**  
Approximately 14 days wound support

**SURGICRYL®**  
910  
POLYGLACTINE



**Surgicryl® 910 Polyglactine 910**  
Approximately 30 days wound support

*For quality  
&  
safety*

**SMI**  
your partner  
for the veterinary  
profession

