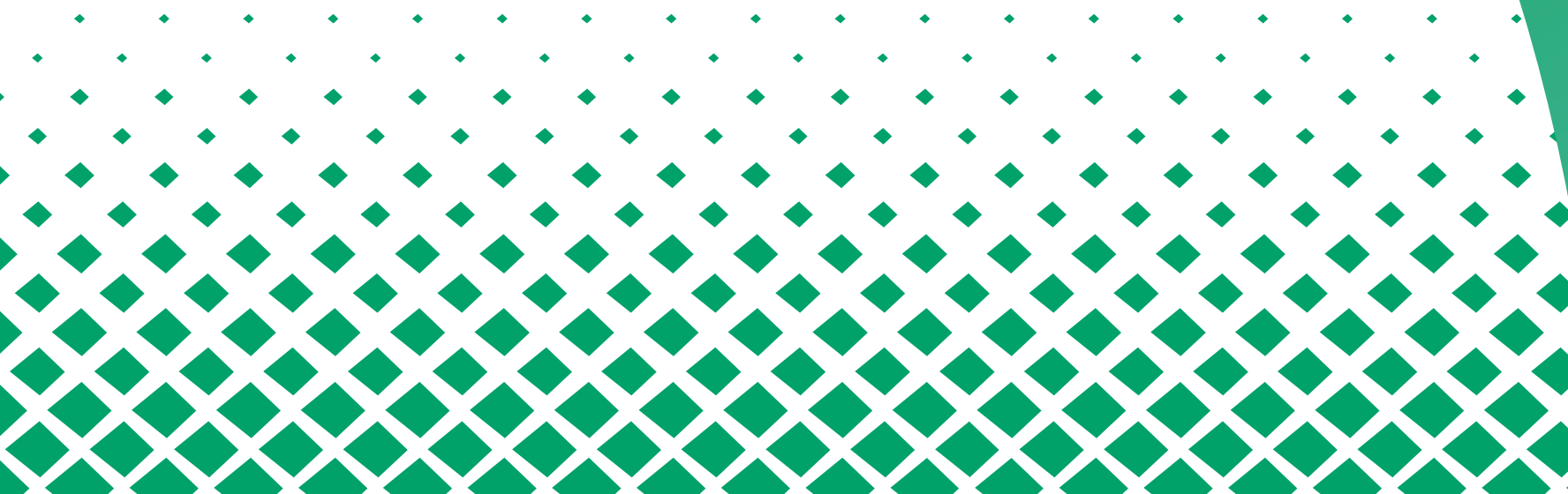




PRODUCT CATALOGUE





sanraksha
Care of lives

PRODUCT CATALOGUE

Absorbable Sutures

Non-Absorbable Sutures

Medical Devices

OVERVIEW

SANRAKSHA HEALTH CARE PVT. LTD. ultra modern at Saharanpur, Dehradun, NH-307, Bhagwanppur in at par with the best medical device manufacturing facilities in india.

SANRAKSHA is committed to manufacture & delivering the quality product in india and international market.

SANRAKSHA has an ultra modern clean room facility for manufactory & testing of various medical devices. infrastructure of facility meets with the requirement of international regulatory agencies WHO/GMP/ISO/CE.

This catalogue entries the various needle, suture & Surgical Kits combination along with other medical devices manufactured by SANRAKSHA which can be used with almost confidence.

As per international marketing & Quality Standard, Site have CE, ISO 9001:2015 and EN15013485:2012 WHO/GMP Certificate.

sanraksha

Care of lives



Trademarks and trade names of SANRAKSHA HEALTH CARE PVT. LTD. (as at June 2018)

Sancare	- Braided Coated Polyglycolic Acid Suture
Sanlus-910	- Braided Coated Poly(Glycolide-co-L-lactide) [Polyglactin-910] Suture
San Swift-910	- Braided Coated Short-term Poly(Glycolide-co-L-lactide) [Polyglactin-910] Suture
SanPDS	- Poly(P-dioxanone) Monofilament Suture
Monosan	- Poly(Glycolide-co-caprolactone) [Poliglecaprone 25] Suture
Sangut	- Chromic and Plain Catgut Suture
Polysan	- Braided Coated Polyester Suture
Silksan	- Black Braided Silk Suture
Sanlon	- Black Monofilament Polyamide Suture
Steelsan	- Monofilament 316 L Stainless Steel Suture

Medical Devices

Sanpromesh	- Partially Absorbable Light Weight Mesh for Hernia Repair
Sanwax	- Strile Bone Wax
Umsan	- Non Absorbable Surgical Cotton tape

Acknowledgements

All other trademarks are acknowledged as the property of their respective owners.

Sanraksha Health Care reserves the right to modify specifications without notice.

© 2018 Sanraksha Health Care Pvt. Ltd.
All rights reserved.



CONTENTS

Overview	5
Label Information	7
Absorbable Sutures	9
Sancare - Braided Coated Polyglycolic Acid	11
Sanlus-910 - Braided Coated Poly(Glycolide-co-L-lactide) [Polyglactin-910]	18
San Swift-910 - Braided Coated Short-term Poly(Glycolide-co-L-lactide) [Polyglactin-910]	25
SanPDS - Poly(P-dioxanone) Monofilament	28
Monosan - Poly(Glycolide-co-caprolactone) [Poliglecaprone 25]	33
Catgut Sutures	
Sangut Chromic and Plain	35
Non-Absorbable Sutures	
Polysan - Braided Coated Polyester	44
Silksan - Black Braided Silk	47
Sanlon - Black Monofilament Polyamide	52
Steelsan - Monofilament 316 L Stainless Steel	57
Medical Devices	
Sanpromesh - Polypropylene Meshes for Hernia Repair	59
Sanpro Plus - Surgical and Skin Staplers	61
Miscellaneous Products	62
Sanwax - Strile Bone Wax	
Umbsan - Non Absorbable Surgical Cotton tape	
Sanraksha Surgical Kits	63

Meets Class 10,000 cleanliness standard of US FED 209E (i.e. not more than 10,000 particles of size 0.5 microns per cubic feet of air) equivalent to ISO Class 7. This includes individual Class 10,000 Clean Rooms for storage (critical components), preparation (sutures), assembly, packaging and sterilization.

Air handling systems designed to ISO requirements (ISO 14644), provide air of high quality with respect to particulates. Processing areas receive clean and filtered air with a minimum of 60 air changes per hour in the core process areas.

All process areas have terminal High Efficiency Particulate (HEPA) Filters with an efficiency of 99.97% down to 0.3 micron.

Differential pressure of 12-15 Pascals maintained effectively between adjacent rooms to prevent ingress of particulates (viable and non-viable).

Unidirectional air flow in a laminar fashion across all workstations, along with temperature and relative humidity control.

Pre-sterilized clothing and door inter-locking systems for personnel, as well as well-designed air locks and dynamic pass boxes for movement of materials.

Fully automatic in-line packaging system that eliminates human error and handling.






100% EtO sterilization without residual EtO, validated as per international quality systems in sterilization.

Quality Management System (QMS) developed to meet and exceed international standards.









LABEL INFORMATION

Sanraksha Health Care uses the following symbols (from European Standard EN980) on its product labels.







Symbol	Meaning
	CE-mark and identification number of notified body. Product conforms to the essential requirements of the Medical Device Directive 93/42/EEC
	See instructions for use
	Do not reuse
	Keep away from sunlight and direct heat
 MM YY	Use by Month & Year
 MM YY	Month & Year of Manufacture
	Lot Number
	Method of Sterilization – Ethylene Oxide
	Method of Sterilization – Irradiation



NEEDLE POINT PROFILES

Needle Profile	Symbol
TAPER POINT	
BLUNT POINT	
TAPER CUT	
CONVENTIONAL CUTTING	
REVERSE CUTTING	
SPATULATED	

NEEDLE SHAPE PROFILES

Needle Profile	Shape
$\frac{5}{8}$ CIRCLE	
$\frac{1}{2}$ CIRCLE	
$\frac{3}{8}$ CIRCLE	
$\frac{1}{4}$ CIRCLE	
STRAIGHT	
J TYPE	

SUTURE SIZE CHART

United States Pharmacopoeia (USP) Size	Metric Size (Gauge No.)
12--0	0.01
11--0	0.1
10--0	0.2
9--0	0.3
8--0	0.4
7--0	0.5
6--0	0.7
5--0	1
4--0	1.5
3--0	2
2--0	3
0	3.5
1	4
2	5
3 and 4	6
5	7

ABSORBABLE SUTURES

The Sanraksha Health Care range of Synthetic Absorbable Sutures:

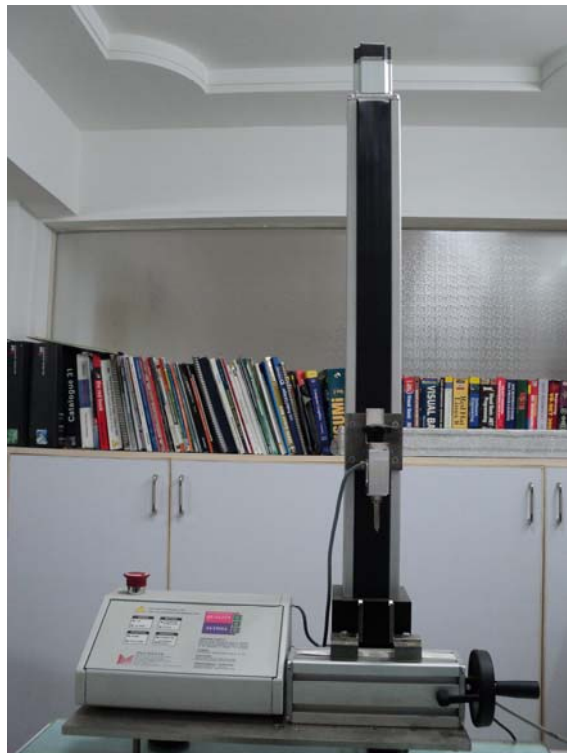
Synthetic Absorbable Sutures (Braided)

- Sancar - Braided Coated Polyglycolic Acid
- Sanlus-910 - Braided Coated Poly(Glycolide-co-L-lactide) [Polyglactin-910]
- San Swift-910 - Braided Coated Short-term Poly(Glycolide-co-L-lactide) [Polyglactin-910]

Synthetic Absorbable Sutures (Monofilament)

- SanPDS - Poly(P-dioxanone) Monofilament
- Monosan - Poly(Glycolide-co-caprolactone) [Poliglecaprone 25]





Sancare

Braided Coated Polyglycolic Acid

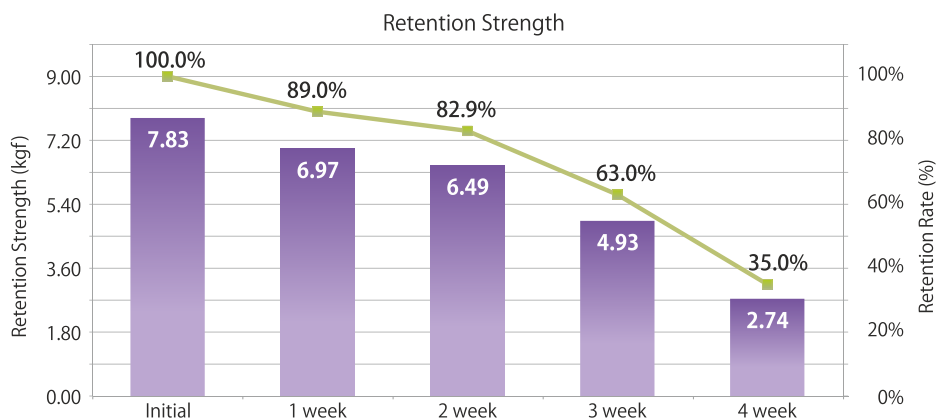
Product Details:

Composition	Polyglycolic Acid
Construction	Braided
Coating	Polycaprolactone and Calcium Stearate
In vitro retention of strength	83% at 2 weeks
Tissue Reaction	Non-antigenic, non-pyrogenic and elicits only a mild tissue reaction during the absorption process
Absorption Time	Completely absorbed in 60-90 days
Sterilization	100% Ethylene Oxide
Available in Sizes	8-0, 7-0, 6-0, 5-0, 4-0, 3-0, 2-0, 0, 1, 2
Colour	Violet and Undyed
Shelf Life	5 years
Packaging	Box of 12 and 36 sutures

Distinctive Features:

- ◆ Soft and smooth feel that helps in easy passage through the tissue with minimal trauma.
- ◆ Good knotting properties because of better and modern braiding technology.
- ◆ Very high initial tensile strength and excellent handling.
- ◆ No extra lubrication required.
- ◆ Smooth tie down.
- ◆ Less than 200 ppm of moisture ensuring full 5 years shelf life.
- ◆ Knot pull strength and needle swage strength greater than USP limits.

Tensile Strength Retention:



Sancare- Synthetic Absorbable Sutures

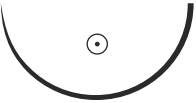
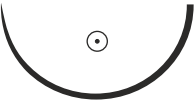



Braided Coated Polyglycolic Acid

TAPER POINT

Needle Length	Needle Profile	Suture Length	Suture Size								
			8-0	7-0	6-0	5-0	4-0	3-0	2-0	0	1
9 mm 	3/8 Circle	30 cm									
9.3 mm Double Armed 	3/8 Circle	30 cm	LNW 9577								
16 mm 	1/2 Circle	45 cm									
		70 cm									
20 mm 	1/2 Circle	45 cm									
		45 cm (10 lengths per foil)									
		70 cm									
25 mm 	1/2 Circle	70 cm Undyed									
		90 cm									
25 mm Double Armed 	1/2 Circle	90 cm									
27 mm 	5/8 Circle Premium	75 cm									
30 mm 	1/2 Circle	30 cm									
		45 cm									
		45 cm (5 lengths per foil)									
		45 cm (10 lengths per foil)									
		70 cm									
		90 cm									
		90 cm Undyed									
		110 cm									
36 mm 	1/2 Circle	90 cm Undyed									

Sancare- Synthetic Absorbable Sutures
Braided Coated Polyglycolic Acid

TAPER POINT

Needle Length	Needle Profile	Suture Length	Suture Size							
			6-0	5-0	4-0	3-0	2-0	0	1	2
<div>40 mm</div> 	½ Circle	45 cm								
		45 cm (5 lengths per foil)								
		45 cm (10 lengths per foil)								
		70 cm								
		90 cm								
		90 cm Undyed								
		110 cm								
		120 cm								
<div>40 mm HEAVY</div> 	½ Circle	20 cm								
		45 cm								
		70 cm								
		90 cm								
		90 cm Undyed								
		110 cm								
		120 cm								
<div>45 mm HEAVY</div> 	½ Circle	90 cm								
		120 cm								
<div>50 mm</div> 	½ Circle	75 cm								
		90 cm								
<div>50 mm HEAVY</div> 	½ Circle	75 cm								
		100 cm								
		110 cm								

Sancare- Synthetic Absorbable Sutures










Braided Coated Polyglycolic Acid

TAPER CUT

Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
17 mm 	½ Circle	45 cm							
30 mm 	½ Circle	45 cm							
		70 cm							
30 mm HEAVY 	½ Circle	45 cm							
36 mm 	½ Circle	90 cm (OB-GY)							
38 mm 	½ Circle	45 cm							
40 mm 	½ Circle	45 cm							
		90 cm (OB-GY)							
		90 cm Undyed							
		110 cm							
40 mm HEAVY 	½ Circle	70 cm							
		90 cm (OB-GY)							

Sancare- Synthetic Absorbable Sutures
Braided Coated Polyglycolic Acid

CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size							
			6-0	5-0	4-0	3-0	2-0	0	1	2
16 mm 	¾ Circle Premium	45 cm								
		70 cm Undyed								
16 mm 	¾ Circle	45 cm								
19 mm 	¾ Circle Premium	70 cm Undyed								
		90 cm Undyed								
22 mm 	¾ Circle	45 cm								
22 mm 	½ Circle	90 cm								
25 mm 	¾ Circle Premium	90 cm Undyed								
26 mm 	¾ Circle	90 cm Undyed								
45 mm 	Straight	90 cm								
60 mm 	Straight	76 cm								
		90 cm								
		90 cm Undyed								

Sancare- Synthetic Absorbable Sutures

Braided Coated Polyglycolic Acid



REVERSE CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size							
			6-0	5-0	4-0	3-0	2-0	0	1	2
12 mm 	3/8 Circle	45 cm								
12 mm 	3/8 Circle Premium	45 cm								
23 mm 	1/2 Circle	30 cm Undyed								
		45 cm								
		70 cm								
		90 cm Undyed								
23 mm HEAVY 	1/2 Circle	35 cm								
		70 cm								
24 mm 	3/8 Circle	70 cm Undyed								
24.3 mm 	3/8 Circle	70 cm								
26 mm 	3/8 Circle	70 cm Undyed								
27 mm 	5/8 Circle	45 cm								
		70 cm								
30 mm 	J Type	90 cm								
36 mm 	1/2 Circle	45 cm								
		90 cm								
40 mm 	1/2 Circle	45 cm								
		90 cm								
		90 cm Undyed								



Sancare- Synthetic Absorbable Sutures

Braided Coated Polyglycolic Acid

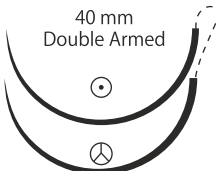
REVERSE CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size							
			6-0	5-0	4-0	3-0	2-0	0	1	2
<div>40 mm HEAVY</div> 	½ Circle	45 cm								
		90 cm								
		(1 x 90 cm) (9 x 45 cm)								
<div>50 mm HEAVY</div> 	½ Circle	90 cm								

SPATULATED

Needle Length	Needle Profile	Suture Length	Suture Size						
			8-0	7-0	6-0	5-0	4-0	3-0	2-0
<div>6 mm</div> 	Micro Point	30 cm							
<div>8 mm Double Armed</div> 	¼ Circle Premium Point	45 cm							

DOUBLE ARMED

Needle Length	Needle Profile	Suture Length	Suture Size					
			4-0	3-0	2-0	0	1	2
	½ Circle Round Bodied, ½ Circle Taper Cut	140 cm						
		160 cm						
		180 cm						

PRE-CUT SUTURES

Suture Length	Suture Size					
	4-0	3-0	2-0	0	1	2
3 x 45 cm						

Packaging : Box of 12

Sanlus-910

Braided Coated Poly(Glycolide-co-L-lactide) [Polyglactin-910]

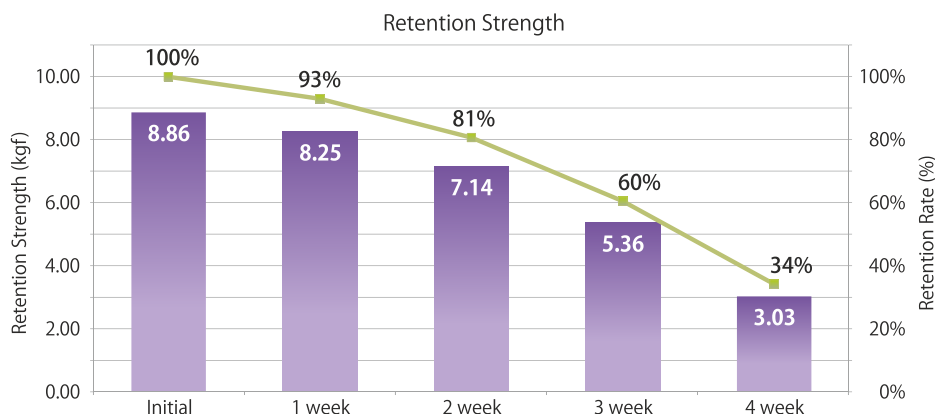
Product Details:

Composition	Poly(Glycolide-co-L-lactide) [Polyglactin-910]
Construction	Braided
Coating	Poly(Glycolide-co-L-lactide) [Glaconer 37] and Calcium Stearate
In vitro retention of strength	81% at 2 weeks
Tissue Reaction	Non-antigenic, non-pyrogenic and elicits only a mild tissue reaction during the absorption process
Absorption Time	Completely absorbed in 54-70 days
Sterilization	100% Ethylene Oxide
Available in Sizes	8-0, 7-0, 6-0, 5-0, 4-0, 3-0, 2-0, 0, 1,2
Colour	Violet and Undyed
Shelf Life	5 years
Packaging	Box of 12 and 36 sutures

Distinctive Features:

- ◆ Soft and smooth feel that helps in easy passage through the tissue with minimal trauma.
- ◆ Good knotting properties because of better and modern braiding technology.
- ◆ Very high initial tensile strength and excellent handling.
- ◆ Smooth tie down.
- ◆ Less than 200 ppm of moisture ensuring full 5 years shelf life.
- ◆ Very low capillarity.
- ◆ No extra lubrication required.





Tensile Strength Retention:



Sanlus-910 - Synthetic Absorbable Sutures

Braided Coated Poly(Glycolide-co-L-lactide) [Polyglactin-910]


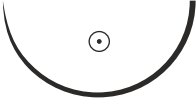




TAPER POINT

Needle Length	Needle Profile	Suture Length	Suture Size								
			8-0	7-0	6-0	5-0	4-0	3-0	2-0	0	1
9 mm 	3/8 Circle	30 cm									
9.3 mm Double Armed 	3/8 Circle	30 cm									
16 mm 	1/2 Circle	45 cm									
		70 cm									
19 mm 	1/2 Circle	70 cm									
20 mm 	1/2 Circle	45 cm									
		45 cm (10 lengths per foil)									
		70 cm									
22 mm 	1/2 Circle	70 cm									
25 mm 	1/2 Circle	70 cm Undyed									
		90 cm									
25 mm Double Armed 	1/2 Circle	90 cm									
27 mm 	5/8 Circle Premium	75 cm									
30 mm 	1/2 Circle	30 cm									
		45 cm									
		45 cm (5 lengths per foil)									
		45 cm (10 lengths per foil)									
		70 cm									
		90 cm									
		90 cm Undyed									
		110 cm									

Sanlus-910 - Synthetic Absorbable Sutures

Braided Coated Poly(Glycolide-co-L-lactide) [Polyglactin-910]

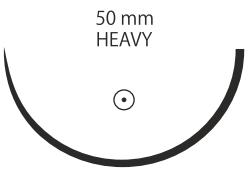
TAPER POINT

Needle Length	Needle Profile	Suture Length	Suture Size							
			6-0	5-0	4-0	3-0	2-0	0	1	2
<div>36 mm</div> 	½ Circle	90 cm								
		90 cm Undyed								
<div>40 mm</div> 	½ Circle	45 cm								
		45 cm (5 lengths per foil)								
		45 cm (10 lengths per foil)								
		70 cm								
		90 cm								
		90 cm Undyed								
		110 cm								
		120 cm								
<div>40 mm HEAVY</div> 	½ Circle	20 cm								
		45 cm								
		70 cm								
		90 cm								
		90 cm Undyed								
		110 cm								
		120 cm								
<div>45 mm HEAVY</div> 	½ Circle	90 cm								
		120 cm								
<div>48 mm</div> 	½ Circle	90 cm								
<div>50 mm</div> 	½ Circle	75 cm								
		90 cm								







Sanlus-910 - Synthetic Absorbable Sutures

Braided Coated Poly(Glycolide-co-L-lactide) [Polyglactin-910]

TAPER POINT

Needle Length	Needle Profile	Suture Length	Suture Size						
			5-0	4-0	3-0	2-0	0	1	2
	½ Circle	75 cm							
		100 cm							
		110 cm							









TAPER CUT

Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
17 mm 	½ Circle	45 cm							
30 mm 	½ Circle	45 cm							
		70 cm							
30 mm HEAVY 	½ Circle	45 cm							
36 mm 	½ Circle	90 cm							
		90 cm (OB-GY)							
38 mm 	½ Circle	45 cm							
40 mm 	½ Circle	45 cm							
		90 cm (OB-GY)							
		90 cm Undyed							
		110 cm							
40 mm HEAVY 	½ Circle	70 cm							
		90 cm (OB-GY)							

Sanlus-910 - Synthetic Absorbable Sutures













Braided Coated Poly(Glycolide-co-L-lactide) [Polyglactin-910]

CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size							
			6-0	5-0	4-0	3-0	2-0	0	1	2
16 mm 	3/8 Circle Premium	45 cm								
		70 cm Undyed								
16 mm 	3/8 Circle	45 cm								
19 mm 	3/8 Circle Premium	70 cm Undyed								
		90 cm Undyed								
22 mm 	3/8 Circle	45 cm								
22 mm 	1/2 Circle	90 cm								
25 mm 	3/8 Circle Premium	90 cm Undyed								
26 mm 	3/8 Circle	90 cm Undyed								
45 mm 	Straight	90 cm								
60 mm 	Straight	76 cm								
		90 cm								
		90 cm Undyed								

Sanlus-910 - Synthetic Absorbable Sutures
Braided Coated Poly(Glycolide-co-L-lactide) [Polyglactin-910]




REVERSE CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size							
			6-0	5-0	4-0	3-0	2-0	0	1	2
12 mm 	3/8 Circle	45 cm								
12 mm 	3/8 Circle Premium	45 cm								
16 mm 	3/8 Circle	45 cm								
		70 cm Undyed								
19 mm 	3/8 Circle	70 cm Undyed								
23 mm 	1/2 Circle	30 cm Undyed								
		45 cm								
		70 cm								
		90 cm Undyed								
23 mm HEAVY 	1/2 Circle	35 cm								
		70 cm								
24 mm 	3/8 Circle	67 cm								
		70 cm Undyed								
24.3 mm 	3/8 Circle	70 cm								
26 mm 	3/8 Circle	70 cm Undyed								
27 mm 	5/8 Circle	45 cm								
		70 cm								
30 mm 	J Type	90 cm								
36 mm 	1/2 Circle	45 cm								
		90 cm								



Sanlus-910 - Synthetic Absorbable Sutures

Braided Coated Poly(Glycolide-co-L-lactide) [Polyglactin-910]

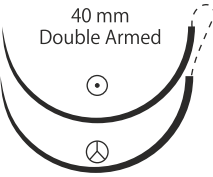
REVERSE CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size							
			6-0	5-0	4-0	3-0	2-0	0	1	2
<div>40 mm</div> 	½ Circle	45 cm								
		90 cm								
		90 cm Undyed								
<div>40 mm HEAVY</div> 	½ Circle	45 cm								
		90 cm								
		(1 x 90 cm) (9 x 45 cm)								
<div>50 mm HEAVY</div> 	½ Circle	90 cm								

SPATULATED

Needle Length	Needle Profile	Suture Length	Suture Size						
			8-0	7-0	6-0	5-0	4-0	3-0	2-0
<div>6 mm</div> 	¾ Circle Micro Point	30 cm							
<div>8 mm Double Armed</div> 	¼ Circle Premium Point	45 cm							

DOUBLE ARMED

Needle Length	Needle Profile	Suture Length	Suture Size						
			4-0	3-0	2-0	0	1	2	
<div>40 mm Double Armed</div> 	½ Circle Round Bodied, ½ Circle Taper Cut	140 cm							
		160 cm							
		180 cm							

PRE-CUT SUTURES

Suture Length	Suture Size					
	4-0	3-0	2-0	0	1	2
3 x 45 cm						

Packaging : Box of 12

San Swift-910

Braided Coated Short-term Poly(Glycolide-co-L-lactide) [Polyglactin-910]

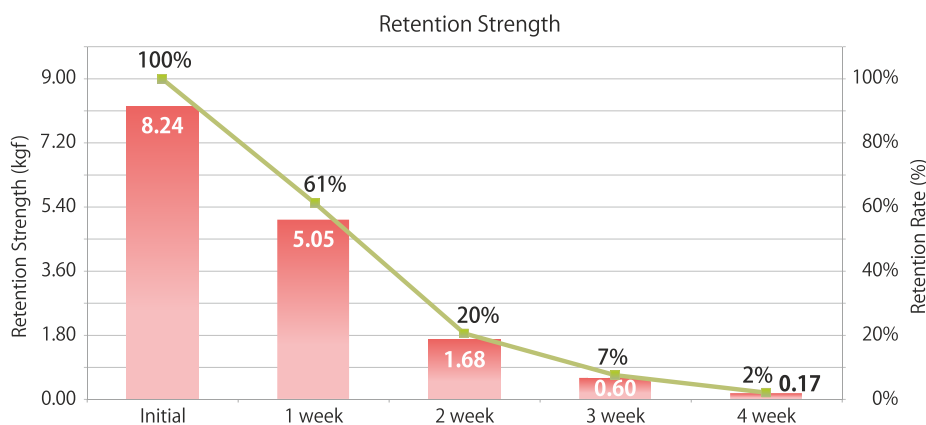
Product Details:

Composition	Poly(Glycolide-co-L-lactide) [Polyglactin-910]
Construction	Braided
Coating	Polycaprolactone and Calcium Stearate
In vitro retention of strength	61% at 1 week
Tissue Reaction	Non-antigenic, non-pyrogenic and elicits only a mild tissue reaction during the absorption process
Absorption Time	Completely absorbed in 40 to 60 days
Sterilization	100% Ethylene Oxide
Available in Sizes	6-0, 5-0, 4-0, 3-0, 2-0, 0, 1, 2
Colour	Undyed
Shelf Life	5 years
Packaging	Box of 12 sutures

Distinctive Features:

- ◆ High initial tensile strength.
- ◆ Soft and smooth feel that helps in easy passage through the tissue with minimal trauma.
- ◆ Good knotting properties because of better and modern braiding technology.
- ◆ Excellent handling and smooth tie down.



Tensile Strength Retention:





San Swift-910 - Synthetic Absorbable Sutures

Braided Coated Short-term Poly(Glycolide-co-L-lactide) [Polyglactin-910]






TAPER POINT

Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
26 mm 	½ Circle	70 cm							
36 mm 	½ Circle	90 cm							
		100 cm							

TAPER CUT

Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
36 mm 	½ Circle	70 cm							
		90 cm							
		100 cm							
		110 cm							
40 mm 	½ Circle	70 cm							
		110 cm							

CUTTING







Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
12 mm 	¾ Circle Premium	45 cm							
16 mm 	¾ Circle	45 cm							
16 mm 	¾ Circle Premium	75 cm							
21.8 mm 	½ Circle	45 cm							
22 mm 	½ Circle	70 cm							

San Swift-910

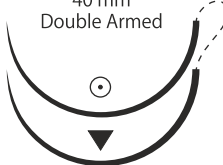
- Synthetic Absorbable Sutures

Braided Coated Short-term Poly(Glycolide-co-L-lactide) [Polyglactin-910]

REVERSE CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
10 mm 	Needle Profile	45 cm							
26 mm 		45 cm							
		70 cm							
26 mm 	Needle Premium	75 cm							
35 mm 	Needle	60 cm							
36 mm 	Needle	60 cm							
40 mm 	1/2 Circle	60 cm							

DOUBLE ARMED

Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
40 mm Double Armed 	1/2 Circle Round Bodied, 1/2 Circle Reverse Cutting	90 cm							
		140 cm							
		180 cm							

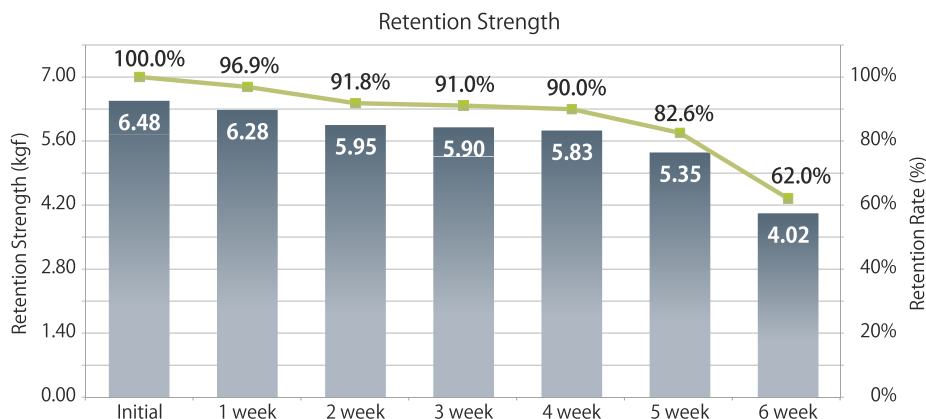
Product Details:

Composition	Poly(P-dioxanone)
Construction	Monofilament
Coating	None
In vitro retention of strength	90% at 4 weeks
Tissue Reaction	Non-antigenic, non-pyrogenic and elicits only a mild tissue reaction during the absorption process
Absorption Time	Completely absorbed in 180 to 240 days
Sterilization	100% Ethylene Oxide
Available in Sizes	6-0, 5-0, 4-0, 3-0, 2-0, 0, 1
Colour	Violet and Undyed
Shelf Life	5 years
Packaging	Box of 12 sutures

Distinctive Features:








- ◆ Ideal for internal tissues where a long lasting, absorbable suture is preferable.
- ◆ Very high initial tensile strength and excellent pliability.
- ◆ Smooth passage through tissue and lesser reactivity.

Tensile Strength Retention:





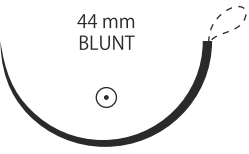

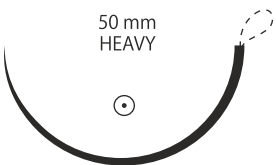
SanPDS - Synthetic Absorbable Sutures
Poly(P-dioxanone) Monofilament

TAPER POINT

Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
13 mm 	3/8 Circle	70 cm							
13 mm Double Armed 	3/8 Circle	70 cm							
13 mm 	1/2 Circle	45 cm							
		70 cm							
13 mm Double Armed 	1/2 Circle	45 cm							
		70 cm							
17 mm 	1/2 Circle	90 cm							
20 mm 	1/2 Circle	70 cm							
20 mm Double Armed 	1/2 Circle	70 cm							
30 mm 	1/2 Circle	70 cm							
30 mm HEAVY 	1/2 Circle	70 cm							
31 mm 	1/2 Circle	70 cm							

SanPDS - Synthetic Absorbable Sutures
Poly(P-dioxanone) Monofilament

TAPER POINT




Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
<div>40 mm HEAVY</div> 	½ Circle	90 cm							
<div>40 mm HEAVY</div> 	½ Circle	150 cm (LOOP)							
<div>44 mm BLUNT</div> 	½ Circle	150 cm (LOOP)							
<div>45 mm HEAVY</div> 	½ Circle	90 cm							
<div>50 mm HEAVY</div> 	½ Circle	150 cm (LOOP)							

SanPDS



- Synthetic Absorbable Sutures

Poly(P-dioxanone) Monofilament

TAPER CUT









Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
<div>30 mm</div> 	½ Circle	70 cm							
<div>40 mm</div> 	½ Circle	90 cm							
<div>45 mm</div> 	½ Circle	90 cm							

CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
<div>12 mm</div> 	¾ Circle Premium	45 cm							
<div>16 mm</div> 	¾ Circle Premium	45 cm							

SanPDS - Synthetic Absorbable Sutures
Poly(P-dioxanone) Monofilament

REVERSE CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
11 mm 		45 cm							
19 mm 		70 cm							
27 mm 		70 cm							
40 mm HEAVY 	½ Circle	90 cm							
48 mm 	½ Circle	90 cm							

Monosan

Poly(Glycolide-co-caprolactone) [Poliglecaprone 25]

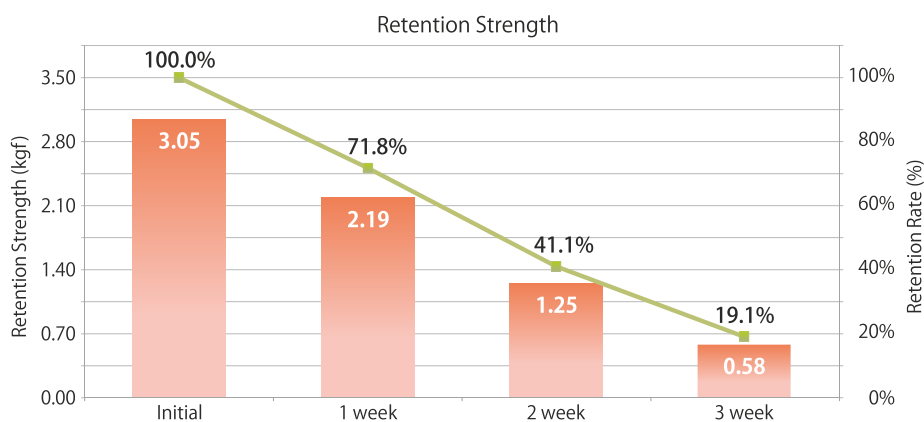
Product Details:

Composition	Poly(Glycolide-co-caprolactone) [Poliglecaprone 25]
Construction	Monofilament
Coating	None
In vitro retention of strength	41% at 2 weeks
Tissue Reaction	Non-antigenic, non-pyrogenic and elicits only a mild tissue reaction during the absorption process
Absorption Time	Completely absorbed in 80 to 120 days
Sterilization	100% Ethylene Oxide
Available in Sizes	6-0, 5-0, 4-0, 3-0, 2-0, 0, 1
Colour	Dyed and Undyed
Shelf Life	5 years
Packaging	Box of 12 sutures

Distinctive Features:

- ◆ High initial tensile strength.
- ◆ Soft and smooth feel that helps in easy passage through the tissue with minimal trauma.
- ◆ Excellent handling properties and high pliability.
- ◆ Ideal suture for use in sub cuticular closure.

Tensile Strength Retention:







Monosan






- Synthetic Absorbable Sutures

Poly(Glycolide-co-caprolactone) [Poliglecaprone 25]



TAPER POINT

Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
<div>16 mm</div> 	3⁄8 Circle	70 cm							
<div>25 mm</div> 	1⁄2 Circle	70 cm							
<div>30 mm</div> 	1⁄2 Circle	70 cm							
<div>36 mm</div> 	1⁄2 Circle	70 cm							

CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
<div>12 mm</div> 	3⁄8 Circle Premium	45 cm							
<div>16 mm</div> 	3⁄8 Circle Premium	45 cm							
<div>25 mm</div> 	3⁄8 Circle Premium	70 cm							
<div>25 mm</div> 	5⁄8 Circle	70 cm							
<div>60 mm</div> 	Straight	70 cm							

REVERSE CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
<div>16 mm</div> 	3⁄8 Circle	70 cm							
<div>25 mm</div> 	3⁄8 Circle	45 cm							
		70 cm							

Sangut

Chromic and Plain Catgut

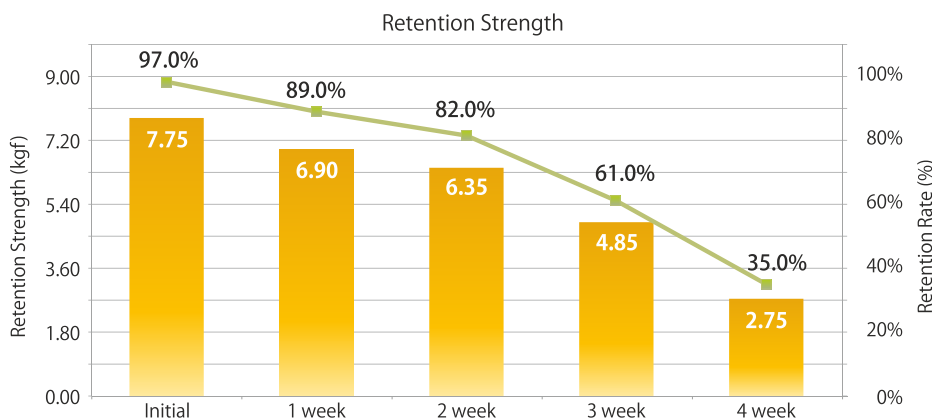
Product Details:

Composition	Purified connective tissue (collagen) derived from the sub-mucous layer of sheep (bovine) intestine
Construction	Monofilament
Coating	Plain sutures are without coating, Chromic sutures have been tanned by treatment with chromium salt in the trivalent form and coloured with oxidized pyrogallol, colour index 76515
In vivo retention of strength	Effective strength is usually lost between 10-12 days in case of plain catgut and by 21-30 days in case of chromic catgut
Tissue Reaction	Moderate tissue inflammation occurs which is characteristic of a foreign body response. Loss of tensile strength and loss of mass follows as the proteolytic enzymatic digestive process dissolves the surgical catgut
Absorption Time	Absorption is essentially complete in 60-90 days
Sterilization	Packed in sterilizing fluid, the constituents of which are Isopropanol, Water, Sodium Benzoate and Ethylene Oxide
Available in Sizes	5-0, 4-0, 3-0, 2-0, 0, 1, 2, 3
Colour	Beige and Tanned Brown
Shelf Life	5 years
Packaging	Box of 12 and 36 sutures









Distinctive Features:

- ◆ Soft and smooth feel that helps in easy passage through the tissue with minimal trauma.
- ◆ Very high initial tensile strength and excellent handling.
- ◆ Catgut suture with the highest quality collagen maintaining a composition of 97-98%. Higher percentage of collagen allows for superior tensile strength.


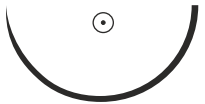
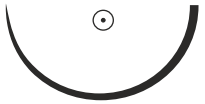
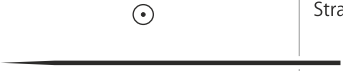



Tensile Strength Retention:



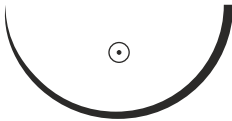


Sangut - Catgut Sutures
Sterilised Surgical Gut
CHROMIC
TAPER POINT

Needle Length	Needle Profile	Suture Length	Suture Size								
			7-0	6-0	5-0	4-0	3-0	2-0	0	1	2
16 mm 	3⁄8 Circle	76 cm									
17 mm 	½ Circle	75 cm									
20 mm 	½ Circle	76 cm									
25 mm 	½ Circle	76 cm									
26 mm 	½ Circle	70 cm									
		75 cm									
30 mm 	3⁄8 Circle	76 cm									
30 mm 	½ Circle	75 cm									
		76 cm									
35 mm 	½ Circle	76 cm									

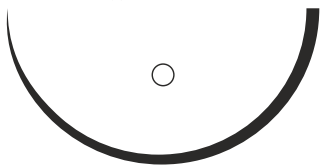
Sangut - Catgut Sutures
 Sterilised Surgical Gut
CHROMIC
 TAPER POINT

Needle Length	Needle Profile	Suture Length	Suture Size								
			7-0	6-0	5-0	4-0	3-0	2-0	0	1	2
40 mm 	Circle	76 cm									
40 mm 	1/2 Circle	75 cm									
		76 cm									
40 mm HEAVY 	1/2 Circle	76 cm									
		90 cm									
		152 cm									
45 mm 	Straight	76 cm									
45 mm 	Circle	76 cm									
		100 cm									
45 mm 	1/2 Circle	75 cm									
		76 cm									
		152 cm									
45 mm HEAVY 	1/2 Circle	100 cm									



Sangut - Catgut Sutures
Sterilised Surgical Gut
CHROMIC
TAPER POINT

Needle Length	Needle Profile	Suture Length	Suture Size							
			6-0	5-0	4-0	3-0	2-0	0	1	2
48 mm HEAVY 	½ Circle	90 cm								
		100 cm								
50 mm HEAVY 	½ Circle	76 cm								
		100 cm								
63 mm BLUNT 	¾ Circle	76 cm								











BLUNT POINT

Needle Length	Needle Profile	Suture Length	Suture Size							
			6-0	5-0	4-0	3-0	2-0	0	1	2
65 mm HEAVY 	½ Circle	90 cm								






Sangut - Catgut Sutures
 Sterilised Surgical Gut
CHROMIC
 TAPER CUT

Needle Length	Needle Profile	Suture Length	Suture Size							
			6-0	5-0	4-0	3-0	2-0	0	1	2
35 mm HEAVY 	½ Circle	75 cm								
40 mm 	½ Circle	100 cm								

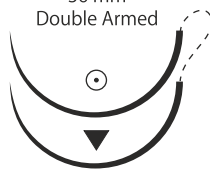
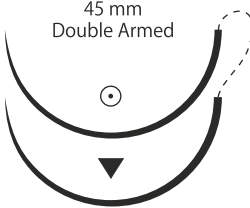
CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size							
			6-0	5-0	4-0	3-0	2-0	0	1	2
16 mm 		76 cm								
22 mm 		76 cm								
24 mm 		76 cm								
35 mm 		76 cm								
60 mm 		76 cm								

Sangut - Catgut Sutures
 Sterilised Surgical Gut
CHROMIC
 REVERSE CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size							
			6-0	5-0	4-0	3-0	2-0	0	1	2
12 mm 	Circle	76 cm								
16 mm 	½ Circle	76 cm								
19 mm 	Circle	70 cm								
		76 cm								
20 mm 	Circle	75 cm								
26 mm 	Circle	76 cm								


Sangut - Catgut Sutures
 Sterilised Surgical Gut
CHROMIC
 DOUBLE ARMED

Needle Length	Needle Profile	Suture Length	Suture Size							
			6-0	5-0	4-0	3-0	2-0	0	1	2
<div>36 mm</div> <div>Double Armed</div> 	½ Circle Round Bodied, ½ Circle Reverse Cutting	152 cm								
<div>45 mm</div> <div>Double Armed</div> 	½ Circle Round Bodied, ½ Circle Reverse Cutting	152 cm								


PRE-CUT SUTURES

Suture Length	Suture Size							
	6-0	5-0	4-0	3-0	2-0	0	1	2
152 cm								

Sangut - Catgut Sutures
 Sterilised Surgical Gut
PLAIN
TAPER POINT

Needle Length	Needle Profile	Suture Length	Suture Size							
			6-0	5-0	4-0	3-0	2-0	0	1	2
<div>30 mm</div> 	<div>3/8 Circle</div>	76 cm								

CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size							
			6-0	5-0	4-0	3-0	2-0	0	1	2
<div>20 mm</div> 	<div>1/2 Circle</div>	76 cm								

PRE-CUT SUTURES

Suture Length	Suture Size							
	6-0	5-0	4-0	3-0	2-0	0	1	2
152 cm								

NON-ABSORBABLE SUTURES

The Sanraksha Health Care range of Non-Absorbable Sutures:

Non-Absorbable Sutures (Braided)

- Polysan - Braided Coated Polyester
- Silksan - Black Braided Silk

Non-Absorbable Sutures (Monofilament)

- Sanlon - Black Monofilament Polyamide
- Steelsan - Monofilament 316 L Stainless Steel



Polysan

Braided Coated Polyester

Product Details:

Composition	Polyester
Construction	Braided
Coating	Coated with Silicon to provide for smoother and better handling
In vitro retention of strength	Polysan sutures are not subject to degradation or loss of tensile strength
Tissue Reaction	Polysan sutures elicit only a mild tissue reaction
Absorption Time	Non-absorbable
Sterilization	100% Ethylene Oxide
Available in Sizes	5-0, 4-0, 3-0, 2-0, 0, 1, 2, 3, 4, 5
Colour	Green and White
Shelf Life	5 years
Packaging	Box of 6 and 12 sutures







Distinctive Features:

- ◆ Coated with silicon which helps in easy passage through the tissue with minimal trauma.
- ◆ Excellent strength & handling properties.
- ◆ Dyed for good visibility in the surgical arena.
- ◆ Flexible, elongates to support for optimum knotting.
- ◆ Smooth tie-down properties.



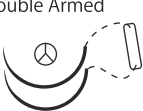
Polysan - Non-Absorbable Sutures

Braided Coated Polyester

TAPER POINT


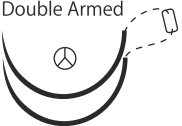



Needle Length	Needle Profile	Suture Length	Suture Size	
			6-0	
13 mm Double Armed 	3/8 Circle	75 cm Green		
13 mm Double Armed 	1/2 Circle	75 cm Green		
		75 cm White		
13 mm Double Armed  Pledget 3mm x 3mm x 1.5mm	1/2 Circle	75 cm Green		
		75 cm White		
25 mm 	1/2 Circle	100 cm Green		
25 mm Double Armed  Pledget 3mm x 3mm x 1.5mm	1/2 Circle	90 cm		
26 mm Double Armed 	1/2 Circle	75 cm Green		
		100 cm Green		

TAPER CUT



Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
17.5 mm Double Armed 	1/2 Circle	75 cm 5 Green & 5 White							
		90 cm Green							
		90 cm White							
17.5 mm Double Armed  Pledget 3mm x 3mm x 1.5mm	1/2 Circle	75 cm 5 Green & 5 White							
		90 cm Green							
		90 cm White							
17.5 mm Double Armed  Pledget 6mm x 3mm x 1.5mm	1/2 Circle	75 cm 5 Green & 5 White							
		90 cm Green							
		90 cm White							
		90 cm 4 Green							

Polysan - Non-Absorbable Sutures Braided Coated Polyester

TAPER CUT

Needle Length	Needle Profile	Suture Length	Suture Size							
			3-0	2-0	0	1	2	3	4	5
<div>26 mm Double Armed</div> 	½ Circle	75 cm 5 Green & 5 White								
		90 cm Green								
		90 cm White								
<div>26 mm Double Armed</div>  <div>Pledget 3mm x 3mm x 1.5mm</div>	½ Circle	75 cm 5 Green & 5 White								
		90 cm Green								
		90 cm White								
<div>26 mm Double Armed</div>  <div>Pledget 6mm x 3mm x 1.5mm</div>	½ Circle	75 cm 5 Green & 5 White								
		90 cm Green								
		90 cm White								
		90 cm 4 Green								
<div>45 mm HEAVY</div> 	½ Circle	75 cm 1 Green per foil								
		75 cm 4 Green per foil (multi-strand)								
<div>55 mm HEAVY</div> 	½ Circle	75 cm 1 Green per foil								
		75 cm 4 Green per foil (multi-strand)								

REVERSE CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size						
			4-0	3-0	2-0	0	1	2	3
<div>23 mm</div> 	½ Circle	75 cm Green							
<div>40 mm</div> 	½ Circle	75 cm Green							

Silksan

Black Braided Silk

Product Details:

Composition	Silk
Construction	Braided
Coating	Coated with Silicon to give 'hand' to the suture
In vitro retention of strength	Although Silksan is classified as a non-absorbable suture, it loses most of its tensile strength in one year
Tissue Reaction	Silk being a natural fibre elicits an inflammatory reaction, which is followed by gradual encapsulation of the suture by fibrous connective tissue
Absorption Time	Although Silksan is classified as a non-absorbable suture, it gets completely absorbed in 2 years. Hence, it can be considered as a very slow absorbing suture
Sterilization	100% Ethylene Oxide
Available in Sizes	8-0, 7-0, 6-0, 5-0, 4-0, 3-0, 2-0, 0, 1
Colour	Black
Shelf Life	5 years
Packaging	Box of 12 sutures












Distinctive Features:

- ◆ Coated with silicon to allow easy passage through tissue, limit absorption and increase ductility.
- ◆ Knot pull strength and needle swage strength greater than USP limits.
- ◆ Packed using Tyvek paper for extra security.
- ◆ Dyed black for better visibility.

Silksan - Non-Absorbable Sutures

Black Braided Silk



TAPER POINT

Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
10 mm 	$\frac{3}{8}$ Circle	76 cm							
12 mm 	$\frac{3}{8}$ Circle	76 cm							
13 mm 	$\frac{3}{8}$ Circle	76 cm							
16 mm 	$\frac{3}{8}$ Circle	76 cm							
16 mm 	$\frac{1}{2}$ Circle	76 cm							
		90 cm							
20 mm 	$\frac{1}{2}$ Circle	76 cm							
25 mm 	$\frac{1}{2}$ Circle	76 cm							
		90 cm							
30 mm 	$\frac{3}{8}$ Circle	76 cm							
30 mm 	$\frac{1}{2}$ Circle	75 cm							
		76 cm							
		90 cm							
35 mm 	$\frac{3}{8}$ Circle	90 cm							
37 mm 	$\frac{1}{2}$ Circle	75 cm							


Silksan - Non-Absorbable Sutures

Black Braided Silk




TAPER POINT

Needle Length	Needle Profile	Suture Length	Suture Size						
			5-0	4-0	3-0	2-0	0	1	2
<div>40 mm</div> 	½ Circle	70 cm							
<div>50 mm</div> 	Straight	76 cm							

TAPER CUT

Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
<div>25 mm</div> 	½ Circle	76 cm							









CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size							
			6-0	5-0	4-0	3-0	2-0	1-0	0	1
<div>16 mm</div> 	¾ Circle	76 cm								
		90 cm								
<div>60 mm</div> 	Straight	76 cm								
<div>60 mm</div> 	¾ Circle	76 cm								
		90 cm								


Silksan - Non-Absorbable Sutures

Black Braided Silk

REVERSE CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
8 mm 	3/8 Circle Micro Point	38 cm							
10 mm 	3/8 Circle Micro Point	38 cm							
12 mm 	3/8 Circle	76 cm							
		90 cm							
26 mm 	3/8 Circle	76 cm							
45 mm 	3/8 Circle	76 cm							
		90 cm							
45 mm 	1/2 Circle	76 cm							
50 mm 	3/8 Circle	76 cm							
50 mm 	1/2 Circle	76 cm							

SPATULATED

Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
8 mm 	1/4 Circle Micro Point	38 cm	LNW 5088						

Silksan - Non-Absorbable Sutures
Black Braided Silk

PRE-CUT SUTURES

Suture Length	Suture Size							
	4-0	3-0	2-0	0	1	2	3	4
2 x 75 cm								
2 x 35 cm								

Packaging : Box of 12

Sanlon

Black Monofilament Polyamide

Product Details:

Composition	Nylon
Construction	Monofilament
Coating	None
In vitro retention of strength	Sanlon is non-absorbable. However, progressive hydrolysis may cause a gradual loss of up to 20% in its tensile strength each year
Tissue Reaction	Sanlon suture elicits a minimal inflammatory reaction in the tissue, followed by gradual encapsulation of the suture by fibrous connective tissue
Absorption Time	Non-absorbable
Sterilization	100% Ethylene Oxide
Available in Sizes	11-0, 10-0, 9-0, 8-0, 7-0, 6-0, 5-0, 4-0, 3-0, 2-0, 0, 1
Colour	Black
Shelf Life	5 years
Packaging	Box of 12 sutures





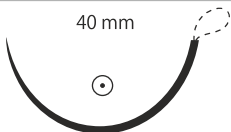


Distinctive Features:

- ◆ Easy passage through tissue because of low frictional co-efficient.
- ◆ Excellent elasticity.
- ◆ Knot pull strength and needle swage strength greater than USP limits.
- ◆ Packed using Tyvek paper for extra security.
- ◆ Superior cutting needles which are excellent for use in plastic surgery.
- ◆ Ideal for use in skin closures.

Sanlon - Non-Absorbable Sutures

Black Monofilament Polyamide







TAPER POINT

Needle Length	Needle Profile	Suture Length	Suture Size							
			11-0	10-0	9-0	8-0	3-0	2-0	0	1
3.8 mm 	3⁄8 Circle	13 cm								
5.1 mm 	3⁄8 Circle	13 cm								
6 mm 	3⁄8 Circle Micro Point	38 cm								
6.5 mm 	3⁄8 Circle	13 cm								
		25 cm								
40 mm 	½ Circle	150 cm (LOOP)								
40 mm HEAVY 	½ Circle	100 cm								
50 mm HEAVY 	½ Circle	150 cm (LOOP)								
		200 cm (LOOP)								

Sanlon - Non-Absorbable Sutures

Black Monofilament Polyamide

CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
13 mm 	3⁄8Circle Premium	70 cm							
16 mm 	3⁄8Circle	35 cm							
		70 cm							
		90 cm							
19 mm 	3⁄8Circle	45 cm							
		60 cm							
		70 cm							
26 mm 	3⁄8Circle	70 cm							
55 mm 	Straight	100 cm							
60 mm 	Straight	70 cm							









REVERSE CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
10 mm 	3⁄8Circle	38 cm							
		70 cm							
12 mm 	3⁄8Circle	70 cm							
		90 cm							
12 mm 	3⁄8Circle Premium	70 cm							

Sanlon - Non-Absorbable Sutures

Black Monofilament Polyamide




REVERSE CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
13 mm 	3⁄8 Circle	60 cm							
16 mm 	3⁄8 Circle	70 cm							
26 mm 	3⁄8 Circle	35 cm							
		45 cm							
		70 cm							
		90 cm							
40 mm 	3⁄8 Circle	70 cm							
40 mm HEAVY 	½ Circle	100 cm							
45 mm 	3⁄8 Circle	35 cm							
		70 cm							
		90 cm							
		110 cm							
45 mm HEAVY 	½ Circle	100 cm							
50 mm HEAVY 	½ Circle	100 cm							

Sanlon - Non-Absorbable Sutures

Black Monofilament Polyamide

SPATULATED

Needle Length	Needle Profile	Suture Length	Suture Size										
			11-0	10-0	9-0	8-0	7-0	6-0	5-0	4-0	3-0	2-0	0
6 mm 	3⁄8 Circle Premium Micro Point	38 cm											
6 mm Double Armed 	3⁄8 Circle Micro Point	38 cm											
6 mm Double Armed 	3⁄8 Circle Premium Micro Point	38 cm											

PRE-CUT SUTURES

Suture Length	Suture Size					
	4-0	3-0	2-0	0	1	2
2 x 35 cm						
2 x 76 cm						

Packaging : Box of 12

Steelsan

Monofilament 316 L Stainless Steel

Product Details:

Composition	316 L Stainless Steel
Construction	Monofilament
Coating	None
In vitro retention of strength	Steelsan sutures have high tensile strength and exhibit very minimal loss over time
Tissue Reaction	Steelsan sutures show very low tissue reactivity
Absorption Time	Non-absorbable
Sterilization	100% Ethylene Oxide
Available in Sizes	1, 2, 4, 5, 6, 7
Colour	Metallic Silver
Shelf Life	5 years
Packaging	Box of 12 x 6 = 72 sutures Box of 12 x 4 = 48 sutures Box of 12 x 2 = 24 sutures Box of 12 x 1 = 12 sutures

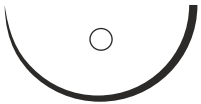

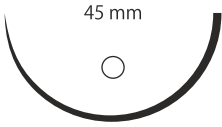
Distinctive Features:

- ◆ Steelsan sutures are laser welded.




Steelsan - Non-Absorbable Sutures Monofilament 316 L Stainless Steel



BLUNT POINT

Needle Length	Needle Profile	Suture Length	Suture Size						
			0	1	2	3	4	5	6
40 mm 	½ Circle	45 cm (4 x 45 cm)							
45 mm 	½ Circle	45 cm (4 x 45 cm)							
		75 cm (2 x 75 cm)							
45 mm 	½ Circle	75 cm (6 x 75 cm)							

TAPER CUT

Needle Length	Needle Profile	Suture Length	Suture Size						
			0	1	2	3	4	5	6
40 mm 	½ Circle	45 cm (4 x 45 cm)							

CONVENTIONAL CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size							
			0	1	2	3	4	5	6	7
48 mm 	½ Circle	45 cm (4 x 45 cm)								
		45 cm (6 x 45 cm)								
		75 cm (2 x 75 cm)								
57 mm HEAVY 	¾ Circle	75 cm (2 x 75 cm)								

Sanpromesh

Polypropylene Meshes for Hernia Repair

Product Details:

Composition	Polypropylene
Construction	Monofilament
Absorption Time	Non-Absorbable
Sterilization	100% Ethylene Oxide

	Sanpromesh	Sanpromesh Lite
Mesh Weight	80 g/m ²	45 g/m ²
Mesh Thickness	0.50 mm	0.43 mm
Pore Size	0.5 x 0.7 mm	1.3 x 1.0 mm
Elongation	89%	77%
Maximum Force	25 kgf	19 kgf
Available in Sizes	6 x 11 cm, 7.6 x 15 cm, 10 x 15 cm, 12 x 15 cm, 15 x 15 cm, 15 x 30 cm, 30 x 30 cm	
Shelf Life	5 years	
Packaging	1, 3 and 6 sheets per box	

Distinctive Features:


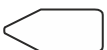



- ◆ Laser cut providing precise shape and preventing edges from fraying.
- ◆ Permeable giving it high capacity for colonization, good tissue ingrowth and integration.
- ◆ Transparent and flexible for easy use in coelioscopy and laparotomy. Fits perfectly against the cavity wall and avoids fragmentation.
- ◆ Excellent multi-directional mechanical properties and exceptional resistance to tearing.
- ◆ No shrinkage providing long term material stability.
- ◆ High strength and burst resistance for permanent support.
- ◆ Good shape memory.

Indications:

- ◆ Abdominal wall reinforcement.
- ◆ Treatment of incisional, inguinal, femoral, umbilical and ventral hernias.
- ◆ Use in both coelioscopy and laparotomy.

Sanpromesh

Polypropylene Meshes for Hernia Repair

Mesh Shape	Mesh Size	Code	Packaging
	6 x 11 cm (2.3" x 4.3")		1 Rectangular Sheet per Box
	6 x 11 cm (2.3" x 4.3")		3 Rectangular Sheets per Box
	6 x 11 cm (2.3" x 4.3")		6 Rectangular Sheets in a Plastic Box
	6 x 11 cm (2.3" x 4.3")		1 Pre-shaped Mesh per Box
	7.6 x 15 cm (3" x 6")		1 Rectangular Sheet per Box
	7.6 x 15 cm (3" x 6")		3 Rectangular Sheets per Box
	7.6 x 15 cm (3" x 6")		6 Rectangular Sheets in a Plastic Box
	10 x 15 cm (4" x 6")		1 Rectangular Sheet per Box
	12 x 15 cm (4.6" x 6")		1 Rectangular Sheet per Box
	15 x 15 cm (6" x 6")		1 Square Sheet per Box
	15 x 30 cm (6" x 12")		1 Rectangular Sheet per Box
	30 x 30 cm (12" x 12")		1 Square Sheet per Box

Sanraksha Surgical and Skin Staplers

Skin Stapler

Product Description:

The Sanraksha Skin Stapler is a sterile, single patient use instrument designed to deliver rectangular, stainless steel staples for routine wound closure. The staples are made of lubricant-coated stainless steel. The Sanraksha Skin Stapler places single staples to close surgical incisions. It is supplied sterile and is preloaded for single patient use.

Product Details:

Staple Dimensions	Regular	Wide
Wire Diameter	0.50 mm	0.60 mm
Span	5.9 mm	7.2 mm
Leg Length	3.9 mm	4.9 mm

Packaging

Skin Stapler	Box of 5
Staple Remover	Box of 20

Distinctive Features:

- ◆ Easy staple extraction.
- ◆ Superior cosmetic results - promotes blood supply and faster scar-free healing.
- ◆ Minimizes staple rotation.
- ◆ Uncompromised visibility, comfort and control.
- ◆ Staples are coated with lubricant.

Indications:

The Sanraksha Skin Stapler has application for routine skin closure in a wide variety of surgical procedures.

Code	Description
	Skin Stapler
	Staple Remover

MISCELLANEOUS PRODUCTS

Miscellaneous Medical Products for Various Surgical Procedures:

UMBSAN

Sterile Umbsan Cotton Tape is available in pre-cut lengths to tie off the umbilical stump during the catheterization process. It is also used to tie off the umbilical cords of newborn infants. The Umbilical Cotton Tape also finds application in a wide range of procedures, as well as for a variety of veterinary purposes.

Product Details:

Composition	White Woven Cotton
Sterilization	100% Ethylene Oxide
Shelf Life	5 years
Packaging	12 pouches packed in a mono carton

Code	Size	Quantity per Pack	Quantity per Box
SA 276	3 mm x 75 cm Cotton Tape	1 length	12 Foils
SA 276A	3 mm x 25 cm Cotton Tape	3 lengths	12 Foils

SANWAX

Sanwax is a sterile mixture of beeswax and isopropyl palmitate, a wax-softening agent, used to help control bleeding from bone surfaces.

Product Details:

Composition	Bees Wax I.P., Iso Propyl Palmitate U.S.P.
Colour	Opaque
Odour	Waxy Odour
Sterilization	Sterilized by Gamma Radiation
Shelf Life	5 years
Packaging	12 pouches packed in a mono carton

Distinctive Features:

- ◆ Helps local haemostasis by functioning like a mechanical barrier.
- ◆ Bio-chemically inert and minimally resorbable.
- ◆ Compatible with body tissues, does not induce skin irritation or any allergic reactions.

133

Code	Contents per Pack	Quantity per Pack	Quantity per Box
SW810	2.5 grams	1	12 Foils

Sanraksha Surgical Kits

Ready Kits for Specific Surgical Procedures:

Sanraksha Surgical Kits are ready combinations of sutures (and meshes, where required), to be utilized for specific surgical procedures. Each kit is configured for single patient use.

HERNIA KIT

Kit Contents	Code	Packaging
1 Kit per box Kit Contents : Hernia Prosthesis <small>PROLUS MESH (Monofilament Polypropylene Mesh) -1 unit Sutures: Absorbable & non-absorbable</small>		1 Hernia Kit per Box
1 Kit per box Kit Contents : Hernia Prosthesis <small>PROLUS MESH (Monofilament Polypropylene Mesh) -1 unit Sutures: Absorbable & non-absorbable</small>		1 Hernia Kit per Box

CORONARY ARTERY BYPASS GRAFTING KIT (CABG KITS)

Kit Contents	Code	Packaging
<small>PROLUS MESH (Monofilament Polypropylene Mesh) -1 unit Sutures: Absorbable & non-absorbable</small>	CABG_KIT	

MITRAL VALVE REPLACEMENT KIT (MVR KITS)

Kit Contents	Code	Packaging
<small>PROLUS MESH (Monofilament Polypropylene Mesh) -1 unit Sutures: Absorbable & non-absorbable</small>	MVR Kit	

Sanraksha Surgical Kits can also be customised to suit individual doctor requirements.

Sanraksha Surgical Kits

Ready Kits for Specific Surgical Procedures:

Sanraksha Surgical Kits are ready combinations of sutures (and meshes, where required), to be utilized for specific surgical procedures. Each kit is configured for single patient use.

AORTIC VALVE REPLACEMENT KIT (AVR KIT)

Kit Contents	Code	Packaging
PROLUS MESH (Monofilament Polypropylene Mesh) -1 unit Sutures: Absorbable & non-absorbable	AVR Kit	

LIVER TRANSPLANT KIT

Kit Contents	Code	Packaging
PROLUS MESH (Monofilament Polypropylene Mesh) -1 unit Sutures: Absorbable & non-absorbable	Liver Transplant Kit	

RENAL TRANSPLANT KIT

Kit Contents	Code	Packaging
PROLUS MESH (Monofilament Polypropylene Mesh) -1 unit Sutures: Absorbable & non-absorbable	TRANSPLANT KIT-DONOR	

Sanraksha Surgical Kits can also be customised to suit individual doctor requirements.



sanraksha

Care of lives



SANRAKSHA HEALTH CARE PVT. LTD.

Khasra No.41, Lodiwala, Bhagwanpur-247661

Saharanpur Dehradun Highway-307

Haridwar (Uttarakhand), INDIA

Tel. No. +91 9368896055, www.sanraksha.co.in, info@sanraksha.co.in