

ABSORBABLE SUTURES

The Lotus range of Synthetic Absorbable Sutures:

Synthetic Absorbable Sutures (Braided)

- Solus® - Braided Coated Polyglycolic Acid
- Solus 910™ - Braided Coated Poly(Glycolide-co-L-lactide) [Polyglactin-910]
- Solus 910 AM™ - Braided Coated Poly(Glycolide-co-L-lactide) [Polyglactin-910] with Antimicrobial (Chlorhexidine diacetate)
- Solus 910 Swift™ - Braided Coated Short-term Poly(Glycolide-co-L-lactide) [Polyglactin-910]

Synthetic Absorbable Sutures (Monofilament)

- Mass™ - Poly(P-dioxanone) Monofilament
- Monolus™ - Poly(Glycolide-co-caprolactone) [Poliglecaprone 25]



Hermetically sealed aluminium peel-off pouches







Sterilization and Degassing Room

Since Synthetic Absorbable Sutures are hygroscopic in nature, each batch manufactured is subjected to moisture analysis using a Coulometric Karl Fischer Titrator. The batches are released only if the moisture content on the suture is less than 300 ppm. This ensures that the sutures have a shelf life of 5 years and there is no loss of strength during this shelf life.

The entire range of Synthetic Absorbable Sutures from Lotus is available in hermetically sealed aluminium peel-off pouches developed in consultation with Dupont, USA - world renowned experts in packaging and industrial polymers. These peel-off pouches are far more user-friendly than conventional tear-open packs. The Synthetic Absorbable Sutures are packed on a fully automatic in-line packaging machine where forming, sealing, trimming, printing and cutting are all done in a continuous motion, thus eliminating human error and handling. This enables not only increased productivity, but also ensures minimum human contact.



Custom-built in-line automatic packaging machine



Solus®

Braided Coated Polyglycolic Acid

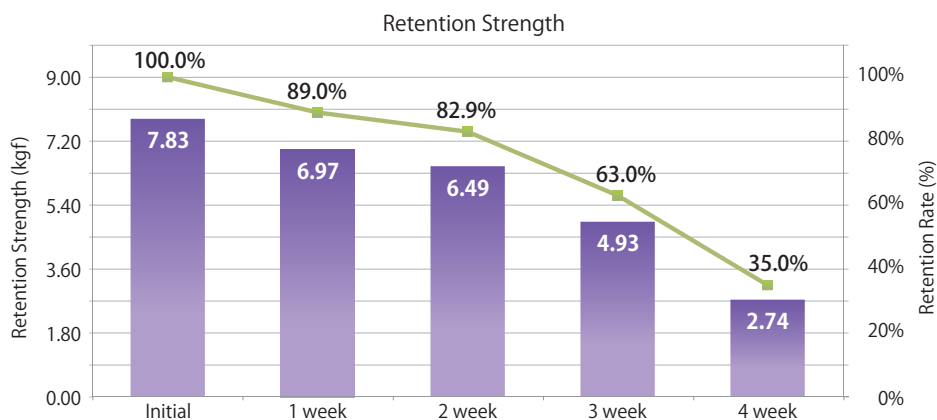
Product Details:

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:



SOLUS® - Synthetic Absorbable Sutures

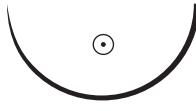
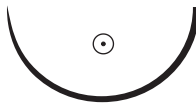



Braided Coated Polyglycolic Acid

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			LNW 9575 LNW 2672							
9.3 mm Double Armed 	3/8 Circle	30 cm	LNW 9577									
16 mm 	1/2 Circle	45 cm				LNW 2303						
		70 cm					LNW 2305					
20 mm 	1/2 Circle	45 cm					LNW 2304 S					
		45 cm (10 lengths per foil)						LNW 2504				
		70 cm					LNW 2304	LNW 2437				
25 mm 	1/2 Circle	70 cm Undyed						LNW 2123				
		90 cm						LNW 2528				
25 mm Double Armed 	1/2 Circle	90 cm						LNW 2528 DA				
27 mm 	5/8 Circle Premium	75 cm							LNW 2318 HAL			
30 mm 	1/2 Circle	30 cm							LNW 2030			
		45 cm							LNW 2317 M			
		45 cm (5 lengths per foil)							LNW 2508			
		45 cm (10 lengths per foil)							LNW 2503			
		70 cm							LNW 2341	LNW 2342		
		90 cm							LNW 2317	LNW 2338		
			90 cm Undyed							LNW 2317-3		
			110 cm							LNW 2337		
								LNW 2317 VS		LNW 2827 VS		
36 mm 	1/2 Circle	90 cm Undyed							LNW 945	LNW 946		












SOLUS® - 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
40 mm 	½ Circle	45 cm					LNW 2345 M	LNW 2346 M		
		45 cm (5 lengths per foil)						LNW 2507		
		45 cm (10 lengths per foil)						LNW 2502	LNW 2501	
		70 cm						LNW 2546		
		90 cm					LNW 2345	LNW 2346 LNW 2346-3	LNW 2360	
		90 cm Undyed						LNW 2346 U		
		110 cm						LNW 2346 VS LNW 2346 VS-3		
		120 cm							LNW 2360 L	
40 mm HEAVY 	½ Circle	20 cm							LNW 2347 SP	
		45 cm							LNW 2347 M	
		70 cm							LNW 2359	
		90 cm							LNW 2347 LNW 2347-3	LNW 2352
		90 cm Undyed							LNW 2344 LNW 2344-3	
		110 cm							LNW 2347 VS LNW 2347 VS-3	LNW 2352 VS
		120 cm							LNW 2350	
		45 mm HEAVY 	½ Circle	90 cm						
120 cm									LNW 2347 PB L	
50 mm 	½ Circle	75 cm							LNW 9251	
		90 cm						LNW 2346 SP		
50 mm HEAVY 	½ Circle	75 cm								LNW 2355
		100 cm							LNW 2448	
		110 cm							LNW 2448 L	

SOLUS® - 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 	3/8 Circle Premium	45 cm		LNW 2442		LNW 2471				
		70 cm Undyed			LNW 2443					
16 mm 	5/8 Circle	45 cm			LNW 2465					
19 mm 	3/8 Circle Premium	70 cm Undyed				LNW 2402 S				
		90 cm Undyed				LNW 2402				
22 mm 	3/8 Circle	45 cm				LNW 2401				
22 mm 	1/2 Circle	90 cm				LNW 2472				
25 mm 	3/8 Circle Premium	90 cm Undyed				LNW 2328				
26 mm 	3/8 Circle	90 cm Undyed					LNW 2404			
45 mm  	Straight	90 cm			LNW 2388					
60 mm  	Straight	76 cm					LNW 2390			
		90 cm								LNW 2354
		90 cm Undyed				LNW 2389				

SOLUS® - 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	LNW 2671		LNW 2494	LNW 2495				
12 mm 	3/8 Circle Premium	45 cm		LNW 2493						
23 mm 	1/2 Circle	30 cm Undyed					LNW 2693 SA(S)			
		45 cm					LNW 2510 SB			
		70 cm					LNW 2510 SB/L			
		90 cm Undyed					LNW 2693 SA			
23 mm HEAVY 	1/2 Circle	35 cm							LNW 2826	
		70 cm							LNW 2826 L	
24 mm 	3/8 Circle	70 cm Undyed				LNW 936				
24.3 mm 	3/8 Circle	70 cm				LNW 2522				
26 mm 	3/8 Circle	70 cm Undyed				LNW 2407				
27 mm 	5/8 Circle	45 cm					LNW 2694	LNW 2511 SB	LNW 2827	
		70 cm						LNW 2511 SB/L		
30 mm 	J Type	90 cm						LNW 2512	LNW 2828	
36 mm 	1/2 Circle	45 cm						LNW 2534 M		
								LNW 2534 DS		
		90 cm						LNW 2534		
								LNW 2534 T		
40 mm 	1/2 Circle	45 cm					LNW 2382 M			
		90 cm					LNW 2382	LNW 2422	LNW 2478	
		90 cm Undyed					LNW 2382 U			



SOLUS® - Synthetic Absorbable Sutures

Braided Coated Polyglycolic Acid

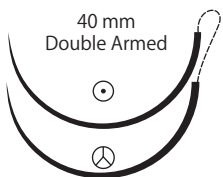
REVERSE CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size							
			6-0	5-0	4-0	3-0	2-0	0	1	2
40 mm HEAVY 	½ Circle	45 cm							LNW 2421 M	
		90 cm							LNW 2421 LNW 2421 T	LNW 2351
		(1 x 90 cm) (9 x 45 cm)							LNW 2509-9	
50 mm HEAVY 	½ Circle	90 cm							LNW 2438	LNW 2353

SPATULATED

Needle Length	Needle Profile	Suture Length	Suture Size							
			8-0	7-0	6-0	5-0	4-0	3-0	2-0	
6 mm 	¾ Circle Micro Point	30 cm	LNW 2348	LNW 2561						
8 mm Double Armed 	¼ Circle Premium Point	45 cm			LNW 2670					

DOUBLE ARMED

Needle Length	Needle Profile	Suture Length	Suture Size					
			4-0	3-0	2-0	0	1	2
40 mm Double Armed 	½ Circle Round Bodied, ½ Circle Taper Cut	140 cm				LNW 2340	LNW 2140 GF	
		160 cm					LNW 2160 GF	
		180 cm			LNW 2220 GF	LNW 2380 GF	LNW 2180 GF	LNW 2280 GF

PRE-CUT SUTURES

Suture Length	Suture Size					
	4-0	3-0	2-0	0	1	2
3 x 45 cm	WN 2604	WN 2603	WN 2602	WN 2601		

Packaging : Box of 12



Solus 910™

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

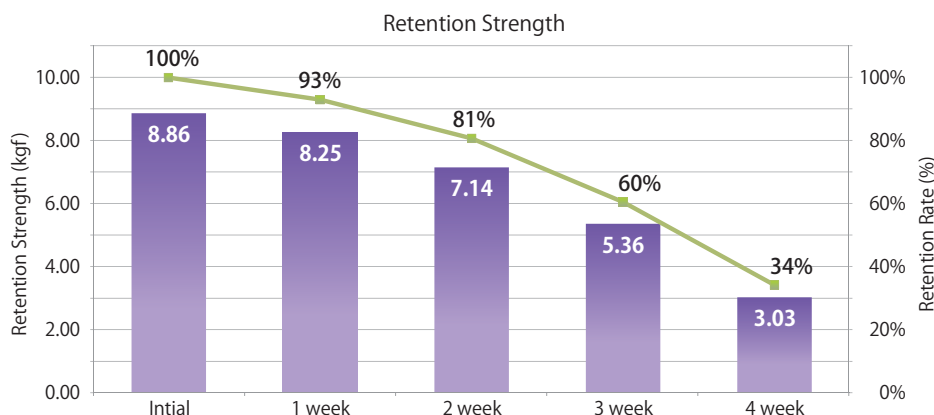
Product Details:

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:



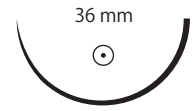
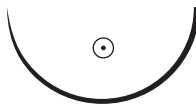




SOLUS 910™ - Synthetic Absorbable Sutures
Braided Coated Poly(Glycolide-co-L-lactide) [Polyglactin-910]

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			LNW 9575-910 LNW 2672-910										
9.3 mm Double Armed 	3/8 Circle	30 cm	LNW 9577-910												
16 mm 	1/2 Circle	45 cm				LNW 2303-910									
		70 cm						LNW 2305-910							
19 mm 	1/2 Circle	70 cm						LNW 2420-910							
20 mm 	1/2 Circle	45 cm				LNW 2520-910	LNW 2304 S-910								
		45 cm (10 lengths per foil)							LNW 2504-910						
		70 cm						LNW 2304-910	LNW 2437-910						
22 mm 	1/2 Circle	70 cm							LNW 2322-910						
25 mm 	1/2 Circle	70 cm Undyed							LNW 2123-910						
		90 cm							LNW 2528-910						
25 mm Double Armed 	1/2 Circle	90 cm							LNW 2528 DA-910						
27 mm 	5/8 Circle Premium	75 cm								LNW 2318-910 HAL					
30 mm 	1/2 Circle	30 cm								LNW 2030-910					
		45 cm								LNW 2317 M-910					
		45 cm (5 lengths per foil)								LNW 2508-910					
		45 cm (10 lengths per foil)								LNW 2503-910					
		70 cm								LNW 2341-910	LNW 2342-910				
		90 cm								LNW 2317-910	LNW 2338-910				
										LNW 2317-3-910					
		90 cm Undyed										LNW 2337-910			
110 cm									LNW 2317 VS-910			LNW 2827 VS-910			










SOLUS 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			
 <p>36 mm</p>	½ Circle	90 cm						LNW 2436-910					
		90 cm Undyed						LNW 945-910	LNW 946-910				
 <p>40 mm</p>	½ Circle	45 cm						LNW 2345 M-910	LNW 2346 M-910				
		45 cm (5 lengths per foil)							LNW 2507-910				
		45 cm (10 lengths per foil)							LNW 2502-910	LNW 2501-910			
		70 cm							LNW 2546-910				
		90 cm						LNW 2345-910	LNW 2346-910	LNW 2360-910			
		90 cm Undyed							LNW 2346-3-910				
		110 cm							LNW 2346 U-910				
		120 cm							LNW 2346 VS-910				
 <p>40 mm HEAVY</p>	½ Circle	20 cm								LNW 2360 L-910			
		45 cm								LNW 2347 SP-910			
		70 cm								LNW 2347 M-910			
		90 cm								LNW 2359-910			
		90 cm Undyed								LNW 2347-910	LNW 2352-910		
										LNW 2347-3-910			
										LNW 2344-910			
										LNW 2344-3-910			
 <p>45 mm HEAVY</p>	½ Circle	90 cm								LNW 2347 PB-910			
		120 cm								LNW 2347 PB L-910			
 <p>48 mm</p>	½ Circle	90 cm								LNW 2548-910			
 <p>50 mm</p>	½ Circle	75 cm								LNW 9251-910			
		90 cm								LNW 2346-910 SP			













SOLUS 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		LNW 2442-910		LNW 2471-910				
		70 cm Undyed			LNW 2443-910					
16 mm 	5/8 Circle	45 cm			LNW 2465-910					
19 mm 	3/8 Circle Premium	70 cm Undyed				LNW 2402 S-910				
		90 cm Undyed				LNW 2402-910				
22 mm 	3/8 Circle	45 cm				LNW 2401-910				
22 mm 	1/2 Circle	90 cm				LNW 2472-910				
25 mm 	3/8 Circle Premium	90 cm Undyed				LNW 2328-910				
26 mm 	3/8 Circle	90 cm Undyed					LNW 2404-910			
45 mm 	Straight	90 cm			LNW 2388-910					
60 mm 	Straight	76 cm					LNW 2390-910			
		90 cm								LNW 2354-910
		90 cm Undyed				LNW 2389-910				




SOLUS 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	LNW 2671-910		LNW 2494-910	LNW 2495-910					
12 mm 	3/8 Circle Premium	45 cm		LNW 2493-910							
16 mm 	3/8 Circle	45 cm		LNW 2516-910							
		70 cm Undyed			LNW 2416-910						
19 mm 	3/8 Circle	70 cm Undyed			LNW 2419-910						
23 mm 	1/2 Circle	30 cm Undyed					LNW 2693 SA(S)-910				
		45 cm					LNW 2510 SB-910				
		70 cm					LNW 2510 SB/L-910				
		90 cm Undyed					LNW 2693 SA-910				
23 mm HEAVY 	1/2 Circle	35 cm							LNW 2826-910		
		70 cm							LNW 2826 L-910		
24 mm 	3/8 Circle	67 cm				LNW 2319-910					
		70 cm Undyed				LNW 936-910					
24.3 mm 	3/8 Circle	70 cm				LNW 2522-910					
26 mm 	3/8 Circle	70 cm Undyed				LNW 2407-910					
27 mm 	5/8 Circle	45 cm					LNW 2694-910	LNW 2511 SB-910	LNW 2827-910		
		70 cm						LNW 2511 SB/L-910			
30 mm 	J Type	90 cm						LNW 2512-910	LNW 2828-910		
36 mm 	1/2 Circle	45 cm						LNW 2534 M-910			
								LNW 2534 DS-910			
		90 cm							LNW 2534-910		
									LNW 2534 T-910		

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

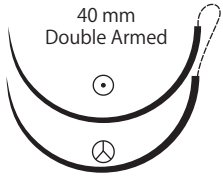
REVERSE CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size							
			6-0	5-0	4-0	3-0	2-0	0	1	2
 40 mm	½ Circle	45 cm					LNW 2382 M-910			
		90 cm					LNW 2382-910	LNW 2422-910	LNW 2478-910	
		90 cm Undyed					LNW 2382 U-910			
 40 mm HEAVY	½ Circle	45 cm							LNW 2421 M-910	
		90 cm							LNW 2421-910	LNW 2351-910
		(1 x 90 cm) (9 x 45 cm)							LNW 2421 T-910	
 50 mm HEAVY	½ Circle	90 cm							LNW 2509-9-910	
									LNW 2438-910	LNW 2353-910

SPATULATED

Needle Length	Needle Profile	Suture Length	Suture Size						
			8-0	7-0	6-0	5-0	4-0	3-0	2-0
 6 mm	¾ Circle Micro Point	30 cm	LNW 2348-910	LNW 2561-910					
 8 mm Double Armed	¼ Circle Premium Point	45 cm			LNW 2670-910				

DOUBLE ARMED





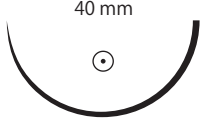
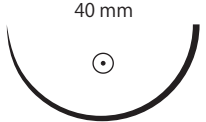
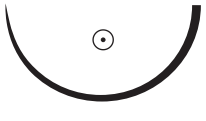
Needle Length	Needle Profile	Suture Length	Suture Size						
			4-0	3-0	2-0	0	1	2	
 40 mm Double Armed	½ Circle Round Bodied, ½ Circle Taper Cut	140 cm				LNW 2340-910	LNW 2140 GF-910		
		160 cm					LNW 2160 GF-910		
		180 cm			LNW 2220 GF-910	LNW 2380 GF-910	LNW 2180 GF-910	LNW 2280 GF-910	

PRE-CUT SUTURES



Suture Length	Suture Size					
	4-0	3-0	2-0	0	1	2
3 x 45 cm	WN 2604-910	WN 2603-910	WN 2602-910	WN 2601-910		

Packaging : Box of 12






SOLUS 910 AM™ - Synthetic Absorbable Sutures
Braided Coated Poly(Glycolide-co-L-lactide) [Polyglactin-910]
with Antimicrobial (Chlorhexidine diacetate)
TAPER POINT

Needle Length	Needle Profile	Suture Length	Suture Size					
			5-0	4-0	3-0	2-0	0	1
16 mm 	½ Circle	45 cm	LAM 2303-910					
20 mm 	½ Circle	70 cm		LAM 2304-910				
		90 cm			LAM 2437-910			
30 mm 	½ Circle	70 cm				LAM 2341-910		
		90 cm				LAM 2317-910	LAM 2338-910	
36 mm 	½ Circle	90 cm Undyed				LAM 945-910	LAM 946-910	LAM 947-910
40 mm 	½ Circle	90 cm				LAM 2345-910	LAM 2346-910	
40 mm 	½ Circle GS Needle	90 cm				LAM 2357-910	LAM 2358-910	LAM 2360-910
40 mm HEAVY 	½ Circle	70 cm						LAM 2359-910
		90 cm						LAM 2347-910
		120 cm						LAM 2350-910






TAPER CUT

Needle Length	Needle Profile	Suture Length	Suture Size					
			5-0	4-0	3-0	2-0	0	1
36 mm 	½ Circle	90 cm			LAM 2516-910			LAM 2319-910
		90 cm (OB-GY)					LAM 2517-910	
40 mm 	½ Circle	90 cm					LAM 2518-910	
		90 cm (OB-GY)						LAM 2519-910

SOLUS 910 AM™ - Synthetic Absorbable Sutures
 Braided Coated Poly(Glycolide-co-L-lactide) [Polyglactin-910]
 with Antimicrobial (Chlorhexidine diacetate)
 CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size						
			4-0	3-0	2-0	0	1	2	
16 mm 	5/8 Circle	45 cm	LAM 2465-910						
22 mm 	3/8 Circle	45 cm		LAM 2401-910					
22 mm 	1/2 Circle	90 cm		LAM 2472-910					
25 mm 	3/8 Circle	90 cm Undyed		LAM 2328-910					
26 mm 	3/8 Circle	90 cm Undyed			LAM 2404-910				

REVERSE CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size					
			4-0	3-0	2-0	0	1	2
23 mm HEAVY 	1/2 Circle	35 cm					LAM 2826-910	
		70 cm					LAM 2826E-910	
24 mm 	3/8 Circle	70 cm		LAM 2936-910				
		70 cm Undyed		LAM 936-910				
36 mm 	1/2 Circle	90 cm				LAM 2534-910		
40 mm 	1/2 Circle	90 cm			LAM 2382-910			LAM 2478-910
40 mm HEAVY 	1/2 Circle	90 cm					LAM 2421-910	



Solus 910 Swift™

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

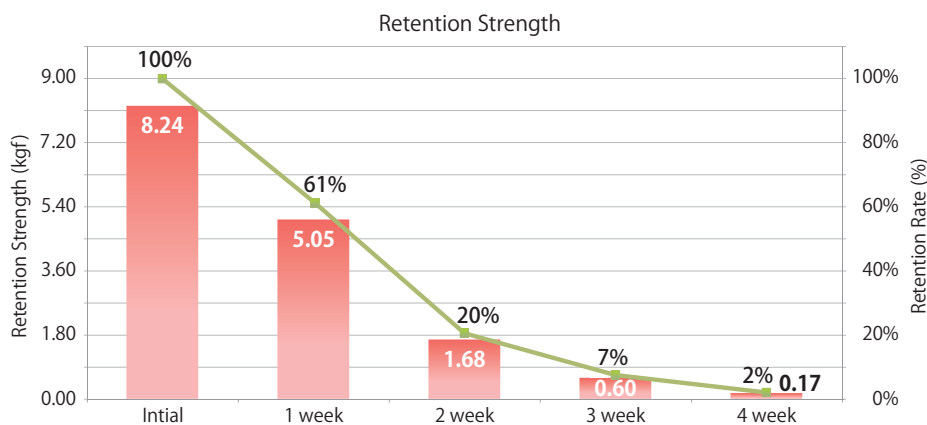
Product Details:

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:





SOLUS 910 SWIFT™ - 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				LNW 2764			
36 mm 	½ Circle	90 cm						LNW 2036	
		100 cm					LNW 2761 RB		

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					LNW 2762 ML		
		90 cm					LNW 2762		
		100 cm					LNW 2761		
		110 cm					LNW 2762-ER	LNW 2763	
40 mm 	½ Circle	70 cm						LNW 2763 ML	
		110 cm						LNW 2763 SP	

CUTTING

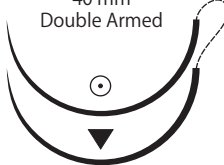
Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
12 mm 	¾ Circle Premium	45 cm	LNW 9913	LNW 9915					
16 mm 	¾ Circle	45 cm			LNW 2718	LNW 2719			
16 mm 	¾ Circle Premium	75 cm			LNW 9918	LNW 9919			
21.8 mm 	½ Circle	45 cm				LNW 9935			
22 mm 	½ Circle	70 cm				LNW 2735			

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REVERSE CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
10 mm 	3/8 Circle	45 cm	LNW 2716	LNW 2717					
26 mm 	3/8 Circle	45 cm				LNW 2732 S			
		70 cm				LNW 2732			
26 mm 	3/8 Circle Premium	75 cm					LNW 9933		
35 mm 	3/8 Circle	60 cm						LNW 2721	
36 mm 	3/8 Circle	60 cm					LNW 2720		
40 mm 	1/2 Circle	60 cm					LNW 2720 SP		

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							LNW 2666	
		140 cm						LNW 2777		
		180 cm						LNW 2777 L		



Mass™

Poly(P-dioxanone) Monofilament

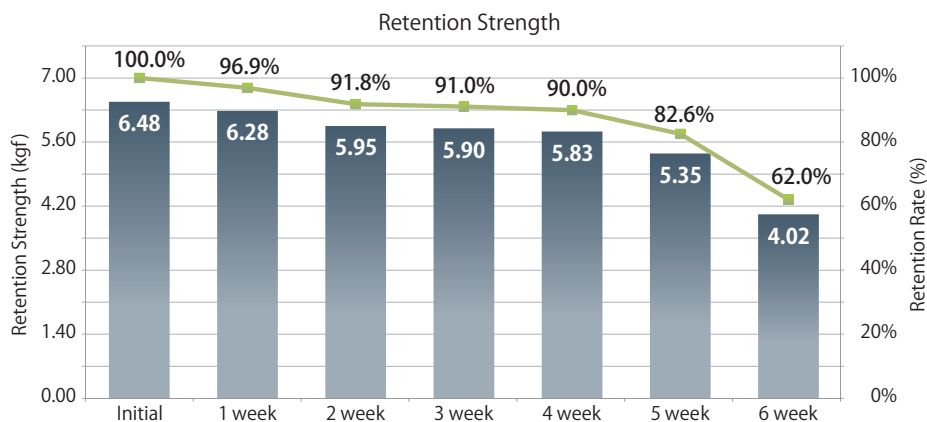
Product Details:

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:






MASS™ - 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		LNW 1013					
13 mm Double Armed 	3/8 Circle	70 cm		LNW 1013 DA					
13 mm 	1/2 Circle	45 cm			LNW 9102				
		70 cm		LNW 9513 SA					
13 mm Double Armed 	1/2 Circle	45 cm			LNW 9102 DA				
		70 cm	LNW 9613	LNW 9513					
17 mm 	1/2 Circle	90 cm			LNW 9109		LNW 9108		
20 mm 	1/2 Circle	70 cm			LNW 9304	LNW 9237			
20 mm Double Armed 	1/2 Circle	70 cm			LNW 9304 DA	LNW 9237 DA			
30 mm 	1/2 Circle	70 cm				LNW 9332			
30 mm HEAVY 	1/2 Circle	70 cm						LNW 9254	
31 mm 	1/2 Circle	70 cm					LNW 9133		

MASS™ - 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
30 mm 	½ Circle	70 cm					LNW 9334		
40 mm 	½ Circle	90 cm							LNW 9218
45 mm 	½ Circle	90 cm							LNW 9354

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	LNW 9861						
16 mm 	¾ Circle Premium	45 cm		LNW 9872	LNW 9873				



Monolus™

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

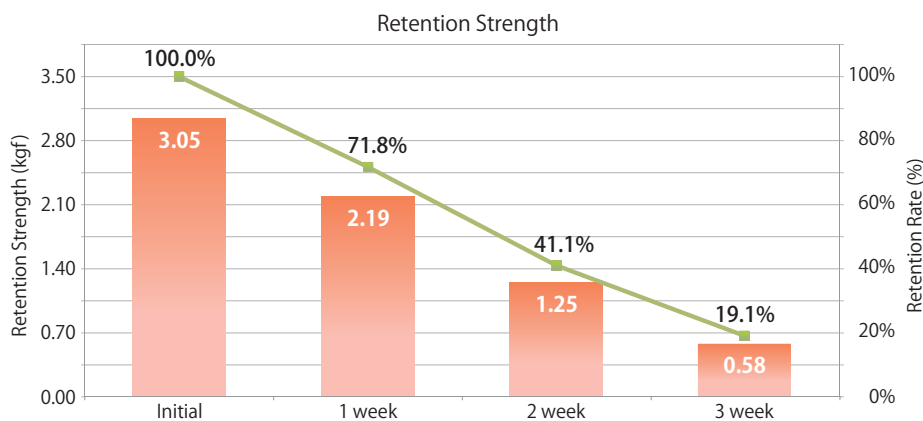
Product Details:

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:








MONOLUS™ - 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
16 mm 	3/8 Circle	70 cm			LNW 1648				
25 mm 	1/2 Circle	70 cm				LNW 1664	LNW 1665		
30 mm 	1/2 Circle	70 cm					LNW 1641	LNW 1642	
36 mm 	1/2 Circle	70 cm					LNW 1666		

CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
12 mm 	3/8 Circle Premium	45 cm	LNW 833						
16 mm 	3/8 Circle Premium	45 cm		LNW 3204	LNW 3205				
25 mm 	3/8 Circle Premium	70 cm				LNW 1326			
25 mm 	5/8 Circle	70 cm					LNW 1602		
60 mm 	Straight	70 cm				LNW 1650			

REVERSE CUTTING

Needle Length	Needle Profile	Suture Length	Suture Size						
			6-0	5-0	4-0	3-0	2-0	0	1
16 mm 	3/8 Circle	70 cm			LNW 1205				
25 mm 	3/8 Circle	45 cm				LNW 3326 (M)-S			
		70 cm				LNW 3326 (M)			