

Description

Premisut PGCL suture (Poliglecaprone-25), is a sterile synthetic monofilament absorbable surgical suture prepared from a copolymer of glycolide and ε-caprolactone. Premisut PGCL sutures are available both in undyed and dyed variants. Undyed suture is beige in colour. Dyed variant of suture is violet in colour, which is dyed with D&C violet No 2.

Indications

Indicated in surgical procedures where a combination of an absorbable suture and short term wound support is required for wound closure, soft tissue approximation and/or ligation.

Performance

Premisut PGCL suture after implantation elicits a minimal initial inflammatory reaction in tissues and is eventually replaced with an ingrowth of fibrous connective tissue. Premisut PGCL suture being absorbable in nature gets absorbed in the tissues by means of hydrolysis, during which the Poliglecaprone-25 polymer is degraded into monomers of adipic acid which is eventually absorbed and metabolized in the body. This process of absorption initially leads to progressive loss of tensile strength, followed by a loss of mass.

Days post implantation

7 days
14 days

Tensile strength

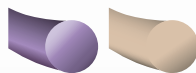
68-79%
39-41%

Total Absorption

~90 days

Color

Undyed



Sizes

6/0 to 1 USP

Usage Areas

General surgery, soft tissue approximation and/or ligation, plastic, skin closure, gastrointestinal, gynecology, urology

Sterilization

Ethylene Oxide

Shelf Life

3 years

Packaging

Box of 12pcs / 36pcs



Premisut PGCL

● ½ Circle Round bodied TAPERPOINT 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HR 13		6/0	0.7	Violet	45	AM311HR1360	12
		6/0	0.7	Violet	70	AM318HR1360	12
		5/0	1	Violet	70	AM318HR1350	36
HR 13 PRIME NEEDLE		6/0	0.7	Violet	45	AMP311HR1360	12
		6/0	0.7	Violet	70	AMP318HR1360	12
		5/0	1	Violet	70	AMP318HR1350	36
HR 17		6/0	0.7	Violet	70	AM318HR1760	12
		5/0	1	Violet	45	AM311HR1750	36
		5/0	1	Violet	70	AM318HR1750	36
		4/0	1.5	Violet	70	AM318HR1740	36
		3/0	2	Undyed	70	AM328HR1730	36
		3/0	2	Violet	70	AM318HR1730	36
HR 17 PRIME NEEDLE		6/0	0.7	Violet	70	AMP318HR1760	36
		5/0	1	Violet	45	AMP311HR1750	36
		5/0	1	Violet	70	AMP318HR1750	36
		4/0	1.5	Violet	70	AMP318HR1740	36
		3/0	2	Undyed	70	AMP328HR1730	36
		3/0	2	Violet	70	AMP318HR1730	36
HR 17 VisiBlack PRIME NEEDLE		4/0	1.5	Violet	70	AMP318HR1740VB	36
		5/0	1	Violet	70	AMP318HR1750VB	36
		4/0	1.5	Violet	70	AMP318HR1740VB	36

Premisut PGCL

● ½ Circle Round bodied TAPERPOINT 

NEEDLE LENGTH MM			USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HR 22			4/0	1.5	Violet	75	AM312HR2240	36
			3/0	2	Violet	75	AM312HR2230	36
• RIBBED • RTT								
HR 22 PRIME NEEDLE			4/0	1.5	Violet	75	AMP312HR2240	36
			3/0	2	Violet	75	AMP312HR2230	36
• RIBBED • RTT								
HR 22 VisiBlack PRIME NEEDLE			4/0	1.5	Violet	70	AMP318HR2240VB	36
			3/0	2	Violet	70	AMP318HR2230VB	36
			2/0	3	Violet	70	AMP318HR2220VB	36
• RIBBED • RTT								
2xHR 22 VisiBlack PRIME NEEDLE			4/0	1.5	Violet	70	AMP318HR2240-2VB	36
			4/0	1.5	Violet	90	AMP313HR2240-2VB	36
			3/0	2	Violet	70	AMP318HR2230-2VB	36
• RIBBED								
HR 26			4/0	1.5	Violet	70	AM318HR2640	36
			3/0	2	Undyed	70	AM328HR2630	36
			3/0	2	Violet	75	AM312HR2630	36
			2/0	3	Violet	75	AM312HR2620	36
			2/0	3	Violet	90	AM313HR2620	36
			0	3.5	Violet	70	AM318HR2610	36
• RIBBED • RTT								

Premisut PGCL

● ½ Circle Round bodied TAPERPOINT 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HR 26 PRIME NEEDLE		4/0	1.5	Violet	70	AMP318HR2640	36
		3/0	2	Undyed	70	AMP328HR2630	36
		3/0	2	Violet	75	AMP312HR2630	36
		2/0	3	Violet	75	AMP312HR2620	36
		2/0	3	Violet	90	AMP313HR2620	36
		0	3.5	Violet	70	AMP318HR2610	36
• RIBBED • RTT							
2 x HR 26		3/0	2	Violet	70	AM318HR2630-2	36
• RIBBED							
2 x HR 26 PRIME NEEDLE		3/0	2	Violet	70	AMP318HR2630-2	36
• RIBBED							
HR 26 VisiBlack PRIME NEEDLE		4/0	1.5	Violet	70	AMP318HR2640VB	36
		3/0	2	Violet	70	AMP318HR2630VB	36
		2/0	3	Violet	70	AMP318HR2620VB	36
• RIBBED • RTT							
2xHR 26 VisiBlack PRIME NEEDLE		3/0	2	Violet	70	AMP318HR2630-2VB	36
		3/0	2	Violet	90	AMP313HR2630-2VB	36
		2/0	3	Violet	70	AMP318HR2620-2VB	36
• RIBBED							

Premisut PGCL

● ½ Circle Round bodied TAPERPOINT 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HR 30 • RIBBED • RTT		3/0	2	Violet	75	AM312HR3030	36
		2/0	3	Violet	75	AM312HR3020	36
		0	3.5	Violet	75	AM312HR3010	36
		1	4	Violet	75	AM312HR3001	36
HR 30 PRIME NEEDLE • RIBBED • RTT		3/0	2	Violet	75	AMP312HR3030	36
		2/0	3	Violet	75	AMP312HR3020	36
		0	3.5	Violet	75	AMP312HR3010	36
		1	4	Violet	75	AMP312HR3001	36
HR 36 • RIBBED • RTT		2/0	3	Violet	75	AM312HR3620	36
		0	3.5	Violet	75	AM312HR3610	36
		0	3.5	Violet	90	AM313HR3610	36
		1	4	Violet	90	AM313HR3601	36
HR 36 PRIME NEEDLE • RIBBED • RTT		2/0	3	Violet	75	AMP312HR3620	36
		0	3.5	Violet	75	AMP312HR3610	36
		0	3.5	Violet	90	AMP313HR3610	36
		1	4	Violet	90	AMP313HR3601	36
HR 40 • RIBBED • RTT		2/0	3	Violet	75	AM312HR4020	36
		0	3.5	Violet	75	AM312HR4010	36
		0	3.5	Violet	90	AM313HR4010	36
		1	4	Violet	75	AM312HR4001	36
		1	4	Violet	90	AM313HR4001	36

Premisut PGCL

● ½ Circle Round bodied TAPERPOINT

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HR 40 PRIME NEEDLE		2/0	3	Violet	75	AMP312HR4020	36
		0	3.5	Violet	90	AMP313HR4010	36
		1	4	Violet	75	AMP312HR4001	36
		1	4	Violet	90	AMP313HR4001	36
• RIBBED • RTT							
HR 48		2/0	3	Violet	90	AM313HR4820	36
		0	3.5	Violet	90	AM313HR4810	36
		1	4	Violet	90	AM313HR4801	36
HR 48 PRIME NEEDLE		2/0	3	Violet	90	AMP313HR4820	36
		0	3.5	Violet	90	AMP313HR4810	36
		1	4	Violet	90	AMP313HR4801	36
• RIBBED							

● ½ Circle Round bodied TAPERPOINT Ultra Plus

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HRP 13 prime PRIME NEEDLE		6/0	0.7	Violet	70	AMP318HRP1360	12
		5/0	1	Violet	70	AMP318HRP1350	36

Premisut PGCL

 ½ Circle Round bodied TAPERPOINT Ultra Plus 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HRP 17 PRIME NEEDLE		6/0	0.7	Violet	70	AMP318HRP1760	12
		5/0	1	Violet	70	AMP318HRP1750	36
		4/0	1.5	Violet	70	AMP318HRP1740	36
		3/0	2	Undyed	70	AMP328HRP1730	36
		3/0	2	Violet	70	AMP318HRP1730	36
HRP 22 PRIME NEEDLE		4/0	1.5	Violet	70	AMP318HRP2240	36
		3/0	2	Violet	70	AMP318HRP2230	36
• RIBBED • RTT							
HRP 26 PRIME NEEDLE		4/0	1.5	Violet	70	AMP318HRP2640	36
		3/0	2	Undyed	70	AMP328HRP2630	36
		3/0	2	Violet	70	AMP318HRP2630	36
		2/0	3	Violet	70	AMP318HRP2620	36
		2/0	3	Violet	90	AMP313HRP2620	36
		0	3.5	Violet	70	AMP318HRP2610	36
• RIBBED • RTT							
HRP 30 PRIME NEEDLE		3/0	2	Violet	70	AMP318HRP3030	36
		2/0	3	Violet	70	AMP318HRP3020	36
• RIBBED • RTT							
HRP 36 PRIME NEEDLE		2/0	3	Violet	70	AMP318HRP3620	36
		0	3.5	Violet	70	AMP318HRP3610	36
		0	3.5	Violet	90	AMP313HRP3610	36
		1	4	Violet	90	AMP313HRP3601	36
• RIBBED • RTT							
HRP 48 PRIME NEEDLE		2/0	3	Violet	90	AMP313HRP4820	36
		1	4	Violet	90	AMP313HRP4801	36
• RIBBED							

Premisut PGCL

1/2 Circle Round bodied TAPERCUT



NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HRT 26		2/0	3	Violet	70	AM318HRT2620	36
• RIBBED • RTT							
HRT 26 PRIME NEEDLE		2/0	3	Violet	70	AMP318HRT2620	36
• RIBBED • RTT							
HRT 36		2/0	3	Violet	70	AM318HRT3620	36
		0	3.5	Violet	70	AM318HRT3610	36
		1	4	Violet	90	AM313HRT3601	36
• RIBBED • RTT							
HRT 36 PRIME NEEDLE		2/0	3	Violet	70	AMP318HRT3620	36
		0	3.5	Violet	70	AMP318HRT3610	36
		1	4	Violet	90	AMP313HRT3601	36
• RIBBED • RTT							

3/8 Circle Reverse Cutting



NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
DS 12 PRIME NEEDLE		6/0	0.7	Undyed	45	AMP321DS1260	12
		5/0	1	Undyed	45	AMP321DS1250	36

Premisut PGCL

▼ 3/8 Circle Reverse Cutting

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
DS 16		4/0	1.5	Undyed	45	AM321DS1640	36
DS 16 PRIME NEEDLE		4/0	1.5	Undyed	45	AMP321DS1640	36
DS 19		5/0	1	Undyed	45	AM321DS1950	36
		4/0	1.5	Undyed	45	AM321DS1940	36
		4/0	1.5	Undyed	75	AM322DS1940	36
		3/0	2	Undyed	45	AM321DS1930	36
		3/0	2	Undyed	75	AM322DS1930	36
• RIBBED • RTT							
DS 19 PRIME NEEDLE		5/0	1	Undyed	45	AMP321DS1950	36
		4/0	1.5	Undyed	45	AMP321DS1940	36
		4/0	1.5	Undyed	75	AMP322DS1940	36
		3/0	2	Undyed	45	AMP321DS1930	36
		3/0	2	Undyed	75	AMP322DS1930	36
• RIBBED • RTT							
DS 24		5/0	1	Undyed	75	AM322DS2450	36
		4/0	1.5	Undyed	75	AM322DS2440	36
		3/0	2	Undyed	75	AM322DS2430	36
		2/0	3	Undyed	75	AM322DS2420	36
• RIBBED • RTT							

Premisut PGCL

▼ 3/8 Circle Reverse Cutting

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
DS 24 PRIME NEEDLE		5/0	1	Undyed	75	AMP322DS2450	36
		4/0	1.5	Undyed	75	AMP322DS2440	36
		3/0	2	Undyed	75	AMP322DS2430	36
		2/0	3	Undyed	75	AMP322DS2420	36
DS 26		4/0	1.5	Undyed	75	AM322DS2640	36
		3/0	2	Undyed	75	AM322DS2630	36
		2/0	3	Undyed	75	AM322DS2620	36
DS 26 PRIME NEEDLE		4/0	1.5	Undyed	75	AMP322DS2640	36
		3/0	2	Undyed	75	AMP322DS2630	36
		2/0	3	Undyed	75	AMP322DS2620	36
DS 30		3/0	2	Undyed	75	AM322DS3030	36
		2/0	3	Undyed	75	AM322DS3020	36
DS 30 PRIME NEEDLE		3/0	2	Undyed	75	AMP322DS3030	36
		2/0	3	Undyed	75	AMP322DS3020	36

Premisut PGCL

▼ 3/8 Circle Reverse Cutting

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
DS 40		0	3.5	Undyed	75	AM322DS4010	36
		1	4	Undyed	75	AM322DS4001	36
• RIBBED • RTT							
DS 40 PRIME NEEDLE		0	3.5	Undyed	75	AMP322DS4010	36
		1	4	Undyed	75	AMP322DS4001	36
• RIBBED • RTT							

▼ 3/8 Circle Reverse Extra Cutting – Long cutting edge (plastic/cosmetic)

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
XDS 11 PRIME NEEDLE		6/0	0.7	Undyed	45	AMP321XDS1160	12
		5/0	1	Undyed	45	AMP321XDS1150	36
XDS 13 PRIME NEEDLE		6/0	0.7	Undyed	45	AMP321XDS1360	12
		5/0	1	Undyed	45	AMP321XDS1350	36
		4/0	1.5	Undyed	45	AMP321XDS1340	36

Premisut PGCL

3/8 Circle Reverse Extra Cutting – Long cutting edge (plastic/cosmetic)

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
XDS 16 PRIME NEEDLE		5/0	1	Undyed	45	AMP321XDS1650	36
		4/0	1.5	Undyed	45	AMP321XDS1640	36
XDS 19 PRIME NEEDLE		5/0	1	Undyed	45	AMP321XDS1950	36
		4/0	1.5	Undyed	45	AMP321XDS1940	36
		3/0	2	Undyed	45	AMP321XDS1930	36
		3/0	2	Undyed	70	AMP328XDS1930	36
• RTT							
XDS 24 PRIME NEEDLE		4/0	1.5	Undyed	45	AMP321XDS2440	36
		4/0	1.5	Undyed	70	AMP328XDS2440	36
		3/0	2	Undyed	45	AMP321XDS2430	36
		3/0	2	Undyed	70	AMP328XDS2430	36
		2/0	3	Undyed	70	AMP328XDS2420	36
• RTT							
XDS 26 PRIME NEEDLE		4/0	1.5	Undyed	70	AMP328XDS2640	
		3/0	2	Undyed	70	AMP328XDS2630	
		2/0	3	Undyed	70	AMP328XDS2620	
• RTT							

Straight Cutting

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
GS 48 PRIME NEEDLE		4/0	1.5	Undyed	70	AMP328GS4840	
• RIBBED							

Premisut PGCL

▲ Straight Cutting

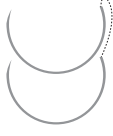
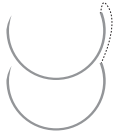
NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
GS 60		4/0	1.5	Undyed	70	AM328GS6040	36
		3/0	2	Undyed	70	AM328GS6030	36
• RIBBED							
GS 60 PRIME NEEDLE		4/0	1.5	Undyed	70	AMP328GS6040	36
		3/0	2	Undyed	70	AMP328GS6030	36
• RIBBED							

● 5/8 Circle Round bodied TAPERPOINT

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
FR 26		3/0	2	Violet	70	AM318FR2630	36
		2/0	3	Violet	70	AM318FR2620	36
• RIBBED • RTT							
FR 26 PRIME NEEDLE		3/0	2	Violet	70	AMP318FR2630	36
		2/0	3	Violet	70	AMP318FR2620	36
• RIBBED • RTT							

Premisut PGCL

● 5/8 Circle Round bodied TAPERPOINT 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
2xFR 26		3/0	2	Violet	70	AM318FR2630-2	36
		2/0	3	Violet	70	AM318FR2620-2	36
• RIBBED							
2xFR 26 PRIME NEEDLE		3/0	2	Violet	70	AMP318FR2630-2	36
		2/0	3	Violet	70	AMP318FR2620-2	36
• RIBBED							
FR 36		2/0	3	Violet	70	AM318FR3620	36
• RIBBED • RTT							
FR 36 PRIME NEEDLE		2/0	3	Violet	70	AMP318FR3620	36
• RIBBED • RTT							

Premisut PGCL

Without needle

NEEDLE LENGTH MM	PRE-CUT SUTURES	USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
	150cm	2/0	3	Violet	150	AM31-15020	36
		0	3.5	Violet	150	AM31-15010	36
		1	4	Violet	150	AM31-15001	36
		2	5	Violet	150	AM31-15002	36
	2 x 70cm	2/0	3	Violet	2 x 70	AM31-2.7020	36
	3 x 45cm	3/0	2	Undyed	3 x 45	AM32-3.4530	36