

Description

Premisut PGA suture (Polyglycolic acid), is a sterile synthetic multifilament braided absorbable surgical suture prepared from homopolymers of 100% Glycolide. Premisut PGA suture is dyed with D&C Violet No 2 (conforming to U.S. Code of Federal regulations). Premisut PGA suture is available in undyed form also. For added lubrications, smooth passage through tissue and easy knot tie down, Premisut PGA suture is coated with a mixture of polycaprolactone and calcium stearate.

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 PGA suture after implantation elicits a mild initial inflammatory reaction in tissues and is eventually replaced with an ingrowth of fibrous connective tissue. Premisut PGA suture being absorbable in nature gets absorbed in the tissues by means of hydrolysis, during which the Polyglycolic acid polymer is degraded into Glycolic 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

14 days
21 days
28 days

Tensile strength

82%
56%
20%

Total Absorption

~60~90 days

Color

Violet & Undyed



Sizes

8/0 to 2 USP

Usage Areas

General surgery, gynecology, ophthalmic surgery, urology, gastrointestinal, ligation, oral, plastic surgery, pediatric, skin closure, obstetrics.

Sterilization

Ethylene Oxide

Shelf Life

5 years

Packaging

Box of 12pcs / 36pcs



Premisut PGA

● ½ Circle Round bodied TAPERPOINT 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HR 6.5 PRIME NEEDLE		8/0	0.4	Violet	30	AMP114HR6.580	12
		7/0	0.5	Violet	30	AMP114HR6.570	12
HR 10 PRIME NEEDLE		5/0	1	Violet	70	AMP118HR1050	36
HR 13		6/0	0.7	Violet	75	AM112HR1360	12
		5/0	1	Violet	75	AM112HR1350	36
		4/0	1.5	Violet	70	AM118HR1340	36
		3/0	2	Violet	70	AM118HR1330	36
		2/0	3	Violet	70	AM118HR1320	36
		0	3.5	Violet	70	AM118HR1310	36
HR 13 PRIME NEEDLE		6/0	0.7	Violet	75	AMP112HR1360	12
		5/0	1	Violet	75	AMP112HR1350	36
		4/0	1.5	Violet	70	AMP118HR1340	36
		3/0	2	Violet	70	AMP118HR1330	36
		2/0	3	Violet	70	AMP118HR1320	36
		0	3.5	Violet	70	AMP118HR1310	36
HR 17		6/0	0.7	Violet	70	AM118HR1760	12
		5/0	1	Violet	75	AM112HR1750	36
		5/0	1	Undyed	70	AM128HR1750	36
		4/0	1.5	Violet	75	AM112HR1740	36
		4/0	1.5	Undyed	70	AM128HR1740	36
		3/0	2	Violet	75	AM112HR1730	36
		3/0	2	Undyed	70	AM128HR1730	36
		2/0	3	Violet	75	AM112HR1720	36

Premisut PGA

● ½ Circle Round bodied TAPERPOINT 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HR 17 PRIME NEEDLE		6/0	0.7	Violet	70	AMP118HR1760	12
		5/0	1	Violet	75	AMP112HR1750	36
		5/0	1	Undyed	70	AMP128HR1750	36
		4/0	1.5	Violet	75	AMP112HR1740	36
		4/0	1.5	Undyed	70	AMP128HR1740	36
		3/0	2	Violet	75	AMP112HR1730	36
		3/0	2	Undyed	70	AMP128HR1730	36
		2/0	3	Violet	75	AMP112HR1720	36
2xHR 17		3/0	2	Violet	70	AM118HR1730-2	36
2xHR 17 PRIME NEEDLE		3/0	2	Violet	70	AMP118HR1730-2	36
HR 20		4/0	1.5	Violet	75	AM112HR2040	36
		3/0	2	Violet	75	AM112HR2030	36
		2/0	3	Violet	75	AM112HR2020	36

- RIBBED
- RTT

Premisut PGA

● ½ Circle Round bodied TAPERPOINT 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HR 20 PRIME NEEDLE		4/0	1.5	Violet	75	AMP112HR2040	36
		3/0	2	Violet	75	AMP112HR2030	36
		2/0	3	Violet	75	AMP112HR2020	36
HR 22		4/0	1.5	Violet	75	AM112HR2240	36
		4/0	1.5	Undyed	70	AM128HR2240	36
		3/0	2	Violet	75	AM112HR2230	36
		3/0	2	Undyed	70	AM128HR2230	36
		2/0	3	Violet	75	AM112HR2220	36
		2/0	3	Undyed	70	AM128HR2220	36
HR 22 PRIME NEEDLE		4/0	1.5	Violet	75	AMP112HR2240	36
		4/0	1.5	Undyed	70	AMP128HR2240	36
		3/0	2	Violet	75	AMP112HR2230	36
		3/0	2	Undyed	70	AMP128HR2230	36
		2/0	3	Violet	75	AMP112HR2220	36
		2/0	3	Undyed	70	AMP128HR2220	36
HR 22 VisiBlack PRIME NEEDLE BLACK NEEDLE		4/0	1.5	Violet	70	AMP118HR2240VB	12
		3/0	2	Violet	70	AMP118HR2230VB	12
		2/0	3	Violet	70	AMP118HR2220VB	12

Premisut PGA

● ½ Circle Round bodied TAPERPOINT 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HR 26		4/0	1.5	Violet	70	AM118HR2640	36
		3/0	2	Violet	75	AM112HR2630	36
		3/0	2	Undyed	70	AM128HR2630	36
		3/0	2	Violet	90	AM113HR2630	36
		2/0	3	Violet	75	AM112HR2620	36
		2/0	3	Undyed	70	AM128HR2620	36
		2/0	3	Violet	90	AM113HR2620	36
		0	3.5	Violet	75	AM112HR2610	36
		0	3.5	Undyed	70	AM128HR2610	36
		1	4	Violet	75	AM112HR2601	36
		2	5	Violet	75	AM112HR2602	36
• RIBBED • RTT							
HR 26 PRIME NEEDLE		4/0	1.5	Violet	70	AMP118HR2640	36
		3/0	2	Violet	75	AMP112HR2630	36
		3/0	2	Undyed	70	AMP128HR2630	36
		3/0	2	Violet	90	AMP113HR2630	36
		2/0	3	Violet	75	AMP112HR2620	36
		2/0	3	Undyed	70	AMP128HR2620	36
		2/0	3	Violet	90	AMP113HR2620	36
		0	3.5	Violet	75	AMP112HR2610	36
		0	3.5	Undyed	70	AMP128HR2610	36
		1	4	Violet	75	AMP112HR2601	36
		2	5	Violet	75	AMP112HR2602	36
• RIBBED • RTT							
HR 26 VisiBlack PRIME NEEDLE BLACK NEEDLE		4/0	1.5	Violet	70	AMP118HR2640VB	12
		3/0	2	Violet	70	AMP118HR2630VB	12
		3/0	2	Undyed	70	AMP128HR2630VB	12
		2/0	3	Violet	70	AMP118HR2620VB	12
• RIBBED • RTT							
HR 30		3/0	2	Violet	75	AM112HR3030	36
		2/0	3	Violet	75	AM112HR3020	36
		0	3.5	Violet	75	AM112HR3010	36
		1	4	Violet	75	AM112HR3001	36
• RIBBED • RTT							

Premisut PGA

● ½ Circle Round bodied TAPERPOINT 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HR 30 PRIME NEEDLE		3/0	2	Violet	75	AMP112HR3030	36
		2/0	3	Violet	75	AMP112HR3020	36
		0	3.5	Violet	75	AMP112HR3010	36
		1	4	Violet	75	AMP112HR3001	36
HR 30 heavy		0	3.5	Violet	75	AM112HR3010H	36
		1	4	Violet	75	AM112HR3001H	36
HR 30 heavy PRIME NEEDLE		0	3.5	Violet	75	AMP112HR3010H	36
		1	4	Violet	75	AMP112HR3001H	36
HR 36		4/0	1.5	Violet	90	AM113HR3640	36
		3/0	2	Violet	75	AM112HR3630	36
		3/0	2	Undyed	70	AM128HR3630	36
		3/0	2	Violet	90	AM113HR3630	36
		2/0	3	Violet	75	AM112HR3620	36
		2/0	3	Undyed	70	AM128HR3620	36
		2/0	3	Violet	90	AM113HR3620	36
		2/0	3	Undyed	90	AM123HR3620	36
		0	3.5	Violet	70	AM118HR3610	36
		0	3.5	Violet	90	AM113HR3610	36
		0	3.5	Undyed	90	AM123HR3610	36
		1	4	Violet	70	AM118HR3601	36
		1	4	Violet	90	AM113HR3601	36
		1	4	Undyed	70	AM128HR3601	36
		2	5	Violet	90	AM113HR3602*	36
		2	5	Undyed	90	AM123HR3602*	36
• RIBBED • RTT *NO RTT							

Premisut PGA

● ½ Circle Round bodied TAPERPOINT 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HR 36 PRIME NEEDLE		4/0	1.5	Violet	90	AMP113HR3640	36
		3/0	2	Violet	75	AMP112HR3630	36
		3/0	2	Undyed	70	AMP128HR3630	36
		3/0	2	Violet	90	AMP113HR3630	36
		2/0	3	Violet	75	AMP112HR3620	36
		2/0	3	Undyed	70	AMP128HR3620	36
		2/0	3	Violet	90	AMP113HR3620	36
		2/0	3	Undyed	90	AMP123HR3620	36
		0	3.5	Violet	70	AMP118HR3610	36
		0	3.5	Violet	90	AMP113HR3610	36
		0	3.5	Undyed	90	AMP123HR3610	36
		1	4	Violet	70	AMP118HR3601	36
		1	4	Violet	90	AMP113HR3601	36
		1	4	Undyed	70	AMP128HR3601	36
		2	5	Violet	90	AMP113HR3602*	36
		2	5	Undyed	90	AMP123HR3602*	36
• RIBBED • RTT *NO RTT							
HR 40		3/0	2	Violet	70	AM118HR4030	36
		2/0	3	Violet	70	AM118HR4020	36
		2/0	3	Violet	75	AM112HR4020	36
		0	3.5	Violet	70	AM118HR4010	36
		0	3.5	Violet	90	AM113HR4010	36
		1	4	Violet	70	AM118HR4001	36
		1	4	Violet	75	AM112HR4001	36
		1	4	Violet	90	AM113HR4001	36
		2	5	Violet	70	AM118HR4002	36
		2	5	Violet	90	AM113HR4002*	36
		2	5	Undyed	90	AM123HR4002*	36
• RIBBED • RTT *NO RTT							
HR 40 PRIME NEEDLE		3/0	2	Violet	70	AMP118HR4030	36
		2/0	3	Violet	75	AMP112HR4020	36
		0	3.5	Violet	70	AMP118HR4010	36
		0	3.5	Violet	90	AMP113HR4010	36
		1	4	Violet	70	AMP118HR4001	36
		1	4	Violet	90	AMP113HR4001	36
		2	5	Violet	70	AMP118HR4002	36
		2	5	Violet	90	AMP113HR4002*	36
		2	5	Undyed	90	AMP123HR4002*	36
• RIBBED • RTT *NO RTT							

Premisut PGA

● ½ Circle Round bodied TAPERPOINT 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HR 40 heavy		0	3.5	Violet	75	AM112HR4010H	36
		1	4	Violet	75	AM112HR4001H	36
		2	5	Violet	75	AM112HR4002H	36
HR 40 heavy PRIME NEEDLE		0	3.5	Violet	75	AMP112HR4010H	36
		1	4	Violet	75	AMP112HR4001H	36
		2	5	Violet	75	AMP112HR4002H	36
HR 45		2/0	3	Violet	75	AM112HR4520	36
		0	3.5	Violet	75	AM112HR4510	36
		1	4	Violet	70	AM118HR4501	36
		1	4	Violet	90	AM113HR4501	36
		2	5	Violet	70	AM118HR4502	36
		2	5	Violet	90	AM113HR4502*	36
HR 45 PRIME NEEDLE		2/0	3	Violet	75	AMP112HR4520	36
		0	3.5	Violet	75	AMP112HR4510	36
		1	4	Violet	70	AMP118HR4501	36
		1	4	Violet	90	AMP113HR4501	36
		2	5	Violet	70	AMP118HR4502	36
		2	5	Violet	90	AMP113HR4502*	36
HR 45 Heavy		1	4	Violet	75	AM112HR4501H	36

- HEAVY NEEDLE
- RIBBED
- RTT

- HEAVY NEEDLE
- RIBBED
- RTT

- RIBBED
- RTT

*NO RTT

- RIBBED
- RTT

*NO RTT

- HEAVY NEEDLE
- RIBBED
- RTT

Premisut PGA

● ½ Circle Round bodied TAPERPOINT 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HR 45 Heavy PRIME NEEDLE		1	4	Violet	75	AMP112HR4501H	36
• HEAVY NEEDLE • RIBBED • RTT							
HR 48		3/0	2	Violet	70	AM118HR4830	36
		2/0	3	Violet	75	AM112HR4820	36
		0	3.5	Violet	75	AM112HR4810	36
		0	3.5	Violet	90	AM113HR4810	36
		1	4	Violet	70	AM118HR4801	36
		1	4	Violet	75	AM112HR4801	36
		1	4	Violet	90	AM113HR4801	36
		2	5	Violet	70	AM118HR4802	36
		2	5	Violet	90	AM113HR4802	36
		2	5	Undyed	90	AM123HR4802	36
• RIBBED							
HR 48 PRIME NEEDLE		3/0	2	Violet	70	AMP118HR4830	36
		2/0	3	Violet	75	AMP112HR4820	36
		0	3.5	Violet	75	AMP112HR4810	36
		0	3.5	Violet	90	AMP113HR4810	36
		1	4	Violet	70	AMP118HR4801	36
		1	4	Violet	75	AMP112HR4801	36
		1	4	Violet	90	AMP113HR4801	36
		2	5	Violet	70	AMP118HR4802	36
		2	5	Violet	90	AMP113HR4802	36
		2	5	Undyed	90	AMP123HR4802	36
• RIBBED							
HR 48 Heavy		1	4	Violet	75	AM112HR4801H	36
		2	5	Violet	75	AM112HR4802H	36
• RIBBED							
HR 48 Heavy PRIME NEEDLE		1	4	Violet	75	AMP112HR4801H	36
		2	5	Violet	75	AMP112HR4802H	36
• RIBBED							

Premisut PGA

○ 1/2 Circle Round bodied Blunt Point 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HRN 31		3/0	2	Violet	75	AM112HRN3130	36
		2/0	3	Violet	75	AM112HRN3120	36
• RIBBED • RTT							
HRN 31 PRIME NEEDLE		3/0	2	Violet	75	AMP112HRN3130	36
		2/0	3	Violet	75	AMP112HRN3120	36
• RIBBED • RTT							
HRN 36		2/0	3	Violet	75	AM112HRN3620	36
		0	3.5	Violet	75	AM112HRN3610	36
• RIBBED • RTT							
HRN 36 PRIME NEEDLE		2/0	3	Violet	75	AMP112HRN3620	36
		0	3.5	Violet	75	AMP112HRN3610	36
• RIBBED • RTT							
HRN 36 heavy		2/0	3	Violet	75	AM112HRN3620H	36
		0	3.5	Violet	90	AM113HRN3610H	36
		1	4	Violet	90	AM113HRN3601H	36
• HEAVY NEEDLE • RIBBED • RTT							

Premisut PGA

○ 1/2 Circle Round bodied Blunt Point 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HRN 36 heavy PRIME NEEDLE		2/0	3	Violet	75	AMP112HRN3620H	36
		0	3.5	Violet	90	AMP113HRN3610H	36
		1	4	Violet	90	AMP113HRN3601H	36
HRN 40		0	3.5	Violet	75	AM112HRN4010	36
		1	4	Violet	75	AM112HRN4001	36
HRN 40 PRIME NEEDLE		0	3.5	Violet	75	AMP112HRN4010	36
		1	4	Violet	75	AMP112HRN4001	36
HRN 40 heavy		0	3.5	Violet	90	AM113HRN4010H	36
		1	4	Violet	90	AM113HRN4001H	36
HRN 40 heavy PRIME NEEDLE		0	3.5	Violet	90	AMP113HRN4010H	36
		1	4	Violet	90	AMP113HRN4001H	36

Premisut PGA

 **1/2 Circle Round bodied Blunt Point** 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HRN 48		0	3.5	Violet	90	AM113HRN4810	36
		1	4	Violet	90	AM113HRN4801	36
• RIBBED							
HRN 48 PRIME NEEDLE		0	3.5	Violet	90	AMP113HRN4810	36
		1	4	Violet	90	AMP113HRN4801	36
• RIBBED							
HRN 65		1	4	Violet	100	AM117HRN6501	36
• RIBBED							
HRN 65 PRIME NEEDLE		1	4	Violet	100	AMP117HRN6501	36
• RIBBED							

 **1/2 circle round bodied TAPERCUT** 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HRT 17		4/0	1.5	Violet	70	AM118HRT1740	36
		4/0	1.5	Undyed	70	AM128HRT1740	36
		3/0	2	Violet	70	AM118HRT1730	36

Premisut PGA

 1/2 circle round bodied TAPERCUT 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HRT 17 PRIME NEEDLE		4/0	1.5	Violet	70	AMP118HRT1740	36
		4/0	1.5	Undyed	70	AMP128HRT1740	36
		3/0	2	Violet	70	AMP118HRT1730	36
• RTT							
HRT 26		3/0	2	Violet	75	AM112HRT2630	36
		2/0	3	Violet	75	AM112HRT2620	36
• RIBBED • RTT							
HRT 26 PRIME NEEDLE		3/0	2	Violet	75	AMP112HRT2630	36
		2/0	3	Violet	75	AMP112HRT2620	36
• RIBBED • RTT							
HRT 36		3/0	2	Violet	90	AM113HRT3630	36
		2/0	3	Violet	90	AM113HRT3620	36
		0	3.5	Violet	90	AM113HRT3610	36
		1	4	Violet	90	AM113HRT3601	36
		1	4	Undyed	90	AM123HRT3601	36
• RIBBED • RTT							
HRT 36 PRIME NEEDLE		3/0	2	Violet	90	AMP113HRT3630	36
		2/0	3	Violet	90	AMP113HRT3620	36
		0	3.5	Violet	90	AMP113HRT3610	36
		1	4	Violet	90	AMP113HRT3601	36
		1	4	Undyed	90	AMP123HRT3601	36
• RIBBED • RTT							

Premisut PGA

 1/2 circle round bodied TAPERCUT 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HRT 40		2/0	3	Violet	90	AM113HRT4020	36
		0	3.5	Violet	90	AM113HRT4010	36
		1	4	Violet	75	AM112HRT4001	36
		• RIBBED • RTT					
HRT 40 PRIME NEEDLE		2/0	3	Violet	90	AMP113HRT4020	36
		0	3.5	Violet	90	AMP113HRT4010	36
		1	4	Violet	75	AMP112HRT4001	36
		• RIBBED • RTT					
2xHRT 40		1	4	Violet	70	AM118HRT4001-2	36
• RIBBED							
2xHRT 40 PRIME NEEDLE		1	4	Violet	70	AMP118HRT4001-2	36
• RIBBED							
HRT 48		2/0	3	Violet	90	AM113HRT4820	36
		0	3.5	Violet	70	AM118HRT4810	36
		2	5	Violet	90	AM113HRT4802	36
		• RIBBED					

Premisut PGA

1/2 circle round bodied TAPERCUT

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HRT 48 PRIME NEEDLE		2/0	3	Violet	90	AMP113HRT4820	36
		0	3.5	Violet	70	AMP118HRT4810	36
		2	5	Violet	90	AMP113HRT4802	36
		• RIBBED					

1/2 circle Reverse Cutting

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HS 22		3/0	2	Violet	70	AM118HS2230	36
		3/0	2	Undyed	70	AM128HS2230	36
		2/0	3	Violet	70	AM118HS2220	36
		2/0	3	Undyed	75	AM122HS2220	36
• RIBBED • RTT							
HS 22 PRIME NEEDLE		3/0	2	Violet	70	AMP118HS2230	36
		3/0	2	Undyed	70	AMP128HS2230	36
		2/0	3	Violet	70	AMP118HS2220	36
		2/0	3	Undyed	75	AMP122HS2220	36
• RIBBED • RTT							
HS 22 heavy		0	3.5	Undyed	70	AM128HS2210H	36
		2	5	Violet	75	AM112HS2202H	36
• HEAVY NEEDLE • RIBBED • RTT							

Premisut PGA

▼ 1/2 circle Reverse Cutting 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HS 22 heavy PRIME NEEDLE		0	3.5	Undyed	70	AMP128HS2210H	36
		2	5	Violet	75	AMP112HS2202H	36
HS 26		3/0	2	Violet	75	AM112HS2630	36
		2/0	3	Violet	75	AM112HS2620	36
		0	3.5	Violet	75	AM112HS2610	36
		1	4	Violet	75	AM112HS2601	36
HS 26 PRIME NEEDLE		3/0	2	Violet	75	AMP112HS2630	36
		2/0	3	Violet	75	AMP112HS2620	36
		0	3.5	Violet	75	AMP112HS2610	36
		1	4	Violet	75	AMP112HS2601	36
HS 36		3/0	2	Violet	70	AM118HS3630	36
		2/0	3	Violet	75	AM112HS3620	36
		2/0	3	Violet	90	AM113HS3620	36
		2/0	3	Undyed	90	AM123HS3620	36
		0	3.5	Violet	70	AM118HS3610	36
		0	3.5	Violet	90	AM113HS3610	36
		1	4	Violet	70	AM118HS3601	36
		1	4	Violet	90	AM113HS3601	36
		2	5	Violet	90	AM113HS3602*	36

- HEAVY NEEDLE
- RIBBED
- RTT

- RIBBED
- RTT

- RIBBED
- RTT

- RIBBED
- RTT
- *NO RTT

Premisut PGA

▼ 1/2 circle Reverse Cutting 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HS 36 PRIME NEEDLE		3/0	2	Violet	70	AMP118HS3630	36
		2/0	3	Violet	75	AMP112HS3620	36
		2/0	3	Violet	90	AMP113HS3620	36
		2/0	3	Undyed	90	AMP123HS3620	36
		0	3.5	Violet	70	AMP118HS3610	36
		0	3.5	Violet	90	AMP113HS3610	36
		1	4	Violet	70	AMP118HS3601	36
		1	4	Violet	90	AMP113HS3601	36
HS 40		2	5	Violet	90	AMP113HS3602*	36
		2/0	3	Violet	70	AM118HS4020	36
		0	3.5	Violet	70	AM118HS4010	36
		0	3.5	Violet	90	AM113HS4010	36
		1	4	Violet	70	AM118HS4001	36
		1	4	Violet	90	AM113HS4001	36
		2	5	Violet	90	AM113HS4002*	36
HS 40 PRIME NEEDLE		2/0	3	Violet	70	AMP118HS4020	36
		0	3.5	Violet	70	AMP118HS4010	36
		0	3.5	Violet	90	AMP113HS4010	36
		1	4	Violet	70	AMP118HS4001	36
		1	4	Violet	90	AMP113HS4001	36
		2	5	Violet	90	AMP113HS4002*	36
HS 48		0	3.5	Violet	90	AM113HS4810	36
		1	4	Violet	75	AM112HS4801	36
		1	4	Violet	90	AM113HS4801	36
		2	5	Violet	90	AM113HS4802	36
HS 48 PRIME NEEDLE		0	3.5	Violet	90	AMP113HS4810	36
		1	4	Violet	90	AMP113HS4801	36
		2	5	Violet	90	AMP113HS4802	36
		2	5	Violet	90	AMP113HS4802	36

• RIBBED
• RTT
*NO RTT

• RIBBED
• RTT
*NO RTT

• RIBBED
• RTT
*NO RTT

• RIBBED

• RIBBED

Premisut PGA

▼ 1/2 circle Reverse Cutting

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HS 60		1	4	Violet	90	AM113HS6001	36
		2	5	Violet	90	AM113HS6002	36
• RIBBED							
HS 70		1	4	Violet	90	AM113HS7001	36
		2	5	Violet	90	AM113HS7002	36
• RIBBED							
HS 90		1	4	Violet	90	AM113HS9001	36
		2	5	Violet	90	AM113HS9002	36
• RIBBED							

▼ 1/2 Circle Cutting

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HNS 19		4/0	1.5	Undyed	75	AM122HNS1940	36
• RTT							
HNS 22		3/0	2	Undyed	75	AM122HNS2230	36
• RTT							

Premisut PGA

▼ 1/2 Circle Cutting

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HNS 40		1	4	Violet	75	AM112HNS4001	36
• RTT							
HNS 45		1	4	Violet	75	AM112HNS4501	36
• RTT							

▼ 1/2 Circle Reverse Extra Cutting – Long cutting edge (plastic/cosmetic)

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
XHS 16 PRIME NEEDLE		5/0	1	Undyed	45	AMP121XHS1650	36
		4/0	1.5	Undyed	45	AMP121XHS1640	36

▼ 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	Violet	45	AMP111DS1260	12
		6/0	0.7	Undyed	45	AMP121DS1260	12
		5/0	1	Violet	45	AMP111DS1250	36
		4/0	1.5	Violet	45	AMP111DS1240	36

Premisut PGA

▼ 3/8 Circle Reverse Cutting 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
DS 14 PRIME NEEDLE		6/0	0.7	Violet	45	AMP111DS1460	12
DS 16		6/0	0.7	Violet	45	AM111DS1660	12
		5/0	1	Violet	45	AM111DS1650	36
		5/0	1	Violet	75	AM112DS1650	36
		5/0	1	Undyed	75	AM122DS1650	36
		4/0	1.5	Violet	75	AM112DS1640	36
		4/0	1.5	Undyed	45	AM121DS1640	36
		4/0	1.5	Undyed	75	AM122DS1640	36
		3/0	2	Violet	75	AM112DS1630	36
DS 16 PRIME NEEDLE		6/0	0.7	Violet	45	AMP111DS1660	12
		5/0	1	Violet	45	AMP111DS1650	36
		5/0	1	Violet	75	AMP112DS1650	36
		5/0	1	Undyed	75	AMP122DS1650	36
		4/0	1.5	Violet	75	AMP112DS1640	36
		4/0	1.5	Undyed	45	AMP121DS1640	36
		4/0	1.5	Undyed	75	AMP122DS1640	36
		3/0	2	Violet	75	AMP112DS1630	36
DS 19		5/0	1	Undyed	45	AM121DS1950	36
		5/0	1	Violet	45	AM111DS1950	36
		5/0	1	Violet	75	AM112DS1950	36
		4/0	1.5	Violet	45	AM111DS1940	36
		4/0	1.5	Violet	75	AM112DS1940	36
		4/0	1.5	Undyed	75	AM122DS1940	36
		3/0	2	Violet	75	AM112DS1930	36
		3/0	2	Undyed	75	AM122DS1930	36

- RIBBED
- RTT

Premisut PGA

▼ 3/8 Circle Reverse Cutting 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
DS 19 PRIME NEEDLE		5/0	1	Undyed	45	AMP121DS1950	36
		5/0	1	Violet	45	AMP111DS1950	36
		5/0	1	Violet	75	AMP112DS1950	36
		4/0	1.5	Violet	45	AMP111DS1940	36
		4/0	1.5	Violet	75	AMP112DS1940	36
		4/0	1.5	Undyed	75	AMP122DS1940	36
		3/0	2	Violet	75	AMP112DS1930	36
		3/0	2	Undyed	75	AMP122DS1930	36
DS 19 FINE PRIME NEEDLE		4/0	1.5	Violet	45	AMP111DS1940FN	36
		4/0	1.5	Undyed	45	AMP121DS1940FN	36
		4/0	1.5	Violet	70	AMP118DS1940FN	36
		4/0	1.5	Undyed	70	AMP128DS1940FN	36
DS 24		4/0	1.5	Violet	70	AM118DS2440	36
		4/0	1.5	Undyed	70	AM128DS2440	36
		3/0	2	Violet	75	AM112DS2430	36
		3/0	2	Undyed	75	AM122DS2430	36
		2/0	3	Violet	75	AM112DS2420	36
		2/0	3	Undyed	75	AM122DS2420	36
		0	3.5	Violet	75	AM112DS2410	36
DS 24 PRIME NEEDLE		4/0	1.5	Violet	70	AMP118DS2440	36
		4/0	1.5	Undyed	70	AMP128DS2440	36
		3/0	2	Violet	75	AMP112DS2430	36
		3/0	2	Undyed	75	AMP122DS2430	36
		2/0	3	Violet	75	AMP112DS2420	36
		2/0	3	Undyed	75	AMP122DS2420	36
		0	3.5	Violet	75	AMP112DS2410	36
DS 26		3/0	2	Violet	75	AM112DS2630	36
		2/0	3	Violet	75	AM112DS2620	36

Premisut PGA

▼ 3/8 Circle Reverse Cutting

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
DS 26 PRIME NEEDLE		3/0	2	Violet	75	AMP112DS2630	36
		2/0	3	Violet	75	AMP112DS2620	36
DS 30		3/0	2	Violet	75	AM112DS3030	36
		3/0	2	Undyed	75	AM122DS3030	36
		2/0	3	Violet	75	AM112DS3020	36
		2/0	3	Undyed	75	AM122DS3020	36
		0	3.5	Violet	75	AM112DS3010	36
		0	3.5	Undyed	70	AM128DS3010	36
DS 30 PRIME NEEDLE		3/0	2	Violet	75	AMP112DS3030	36
		3/0	2	Undyed	75	AMP122DS3030	36
		2/0	3	Violet	75	AMP112DS3020	36
		2/0	3	Undyed	75	AMP122DS3020	36
		0	3.5	Violet	75	AMP112DS3010	36
		0	3.5	Undyed	70	AMP128DS3010	36
DS 36		2/0	3	Violet	75	AM112DS3620	36
		0	3.5	Violet	75	AM112DS3610	36
		1	4	Violet	75	AM112DS3601	36
		2	5	Violet	75	AM112DS3602	36
DS 36 PRIME NEEDLE		2/0	3	Violet	75	AMP112DS3620	36
		0	3.5	Violet	75	AMP112DS3610	36
		1	4	Violet	75	AMP112DS3601	36
		2	5	Violet	75	AMP112DS3602	36

Premisut PGA

▼ 3/8 Circle Reverse Cutting 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
DS 40		0	3.5	Violet	75	AM112DS4010	36
		1	4	Violet	75	AM112DS4001	36
• RIBBED • RTT							
DS 40 PRIME NEEDLE		0	3.5	Violet	75	AMP112DS4010	36
		1	4	Violet	75	AMP112DS4001	36
• RIBBED • RTT							
DS 60		1	4	Violet	90	AM113DS6001	36
		2	5	Violet	90	AM113DS6002	36
• RIBBED							
DS 70		1	4	Violet	90	AM113DS7001	36
		2	5	Violet	90	AM113DS7002	36
• RIBBED							
DS 90		1	4	Violet	90	AM113DS9001	36
		2	5	Violet	90	AM113DS9002	36
• RIBBED							

Premisut PGA

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

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
2 x XDS 8 PRIME NEEDLE		6/0	0.7	Violet	45	AMP111XDS860-2	12
XDS 11 PRIME NEEDLE		6/0	0.7	Undyed	45	AMP121XDS1160	12
		5/0	1	Undyed	45	AMP121XDS1150	36
2 x XDS 11 PRIME NEEDLE		6/0	0.7	Violet	45	AMP111XDS1160-2	
XDS 13 PRIME NEEDLE		6/0	0.7	Undyed	45	AMP121XDS1360	12
		5/0	1	Undyed	45	AMP121XDS1350	36
		4/0	1.5	Undyed	45	AMP121XDS1340	36
2 x XDS 13 PRIME NEEDLE		5/0	1	Violet	45	AMP111XDS1350-2	36
XDS 16 PRIME NEEDLE		5/0	1	Undyed	45	AMP121XDS1650	36
		4/0	1.5	Undyed	45	AMP121XDS1640	36

Premisut PGA

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

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
XDS 19 PRIME NEEDLE		5/0	1	Undyed	45	AMP121XDS1950	36
		4/0	1.5	Undyed	45	AMP121XDS1940	36
		3/0	2	Undyed	45	AMP121XDS1930	36
• RTT							
XDS 24 PRIME NEEDLE		3/0	2	Undyed	45	AMP121XDS2430	36
		2/0	3	Undyed	45	AMP121XDS2420	36
• RTT							
XDS 26 PRIME NEEDLE		3/0	2	Undyed	70	AMP128XDS2630	36
• RTT							
XDS 30 PRIME NEEDLE		2/0	3	Violet	70	AMP118XDS3020	36
• RTT							

Premisut PGA

3/8 circle round bodied TAPERCUT

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
DRT 13 PRIME NEEDLE		6/0	0.7	Violet	70	AMP118DRT1360	12
		5/0	1	Violet	70	AMP118DRT1350	36
DRT 17 PRIME NEEDLE		4/0	1.5	Undyed	70	AMP128DRT1740	36

Premisut PGA

● 3/8 Circle Round bodied TAPERPOINT 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
DR 6.5 PRIME NEEDLE		8/0	0.4	Violet	30	AMP114DR6.580	12
DR 9.3 PRIME NEEDLE		6/0	0.7	Violet	45	AMP111DR9.360	12
DR 19 • RIBBED • RTT		5/0	1	Violet	75	AM112DR1950	36
DR 26 PRIME NEEDLE • RIBBED • RTT		3/0	2	Violet	75	AMP112DR2630	36
		2/0	3	Violet	75	AMP112DR2620	36

Premisut PGA

○ 3/8 Circle Round bodied Blunt Point 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
DRN 64		1	4	Violet	75	AM112DRN6401	36
		1	4	Violet	90	AM113DRN6401	36
		1	4	Violet	100	AM117DRN6401	36
• RIBBED							
DRN 64 PRIME NEEDLE		1	4	Violet	75	AMP112DRN6401	36
		1	4	Violet	90	AMP113DRN6401	36
		1	4	Violet	100	AMP117DRN6401	36
• RIBBED							

▲ Straight Cutting 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
2xGS 13 PRIME NEEDLE		4/0	1.5	Violet	45	AMP111GS1340-2	36
GS 25 PRIME NEEDLE		3/0	2	Violet	70	AMP118GS2530	36
• RIBBED							
GS 48 PRIME NEEDLE		3/0	2	Violet	70	AMP118GS4830	36
• RIBBED							

Premisut PGA

▲ Straight Cutting

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
GS 60		4/0	1.5	Undyed	70	AM128GS6040	36
		3/0	2	Violet	75	AM112GS6030	36
		3/0	2	Undyed	70	AM128GS6030	36
		2/0	3	Violet	75	AM112GS6020	36
		2/0	3	Undyed	70	AM128GS6020	36
• RIBBED							
GS 60 PRIME NEEDLE		4/0	1.5	Undyed	70	AMP128GS6040	36
		3/0	2	Violet	75	AMP112GS6030	36
		3/0	2	Undyed	70	AMP128GS6030	36
		2/0	3	Violet	75	AMP112GS6020	36
		2/0	3	Undyed	70	AMP128GS6020	36
• RIBBED							

● Straight needle Round bodied TAPERPOINT

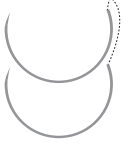
NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
GR 19 PRIME NEEDLE		4/0	1.5	Violet	70	AMP118GR1940	36
		3/0	2	Violet	70	AMP118GR1930	36
• RIBBED							
2xGR 19 PRIME NEEDLE		4/0	1.5	Violet	45	AMP111GR1940-2	36
• RIBBED							

Premisut PGA

● Straight needle Round bodied TAPERPOINT

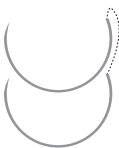
NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
GR 48 PRIME NEEDLE		3/0	2	Violet	70	AMP118GR4830	36
• RIBBED							

● 5/8 Circle Round bodied TAPERPOINT

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
FR 27		3/0	2	Violet	75	AM112FR2730	36
		2/0	3	Violet	75	AM112FR2720	36
		0	3.5	Violet	70	AM118FR2710	36
		1	4	Violet	70	AM118FR2701	36
• RIBBED • RTT							
FR 27 PRIME NEEDLE		3/0	2	Violet	75	AMP112FR2730	36
		2/0	3	Violet	75	AMP112FR2720	36
		0	3.5	Violet	70	AMP118FR2710	36
		1	4	Violet	70	AMP118FR2701	36
• RIBBED • RTT							
2xFR 27		2/0	3	Violet	70	AM118FR2720-2	36
• RIBBED							

Premisut PGA

● 5/8 Circle Round bodied TAPERPOINT 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
2xFR 27 PRIME NEEDLE		2/0	3	Violet	70	AMP118FR2720-2	36
• RIBBED							
FR 36		2/0	3	Violet	70	AM118FR3620	36
		0	3.5	Violet	70	AM118FR3610	36
		1	4	Violet	70	AM118FR3601	36
• RIBBED • RTT							
FR 36 PRIME NEEDLE		2/0	3	Violet	70	AMP118FR3620	36
		0	3.5	Violet	70	AMP118FR3610	36
		1	4	Violet	70	AMP118FR3601	36
• RIBBED • RTT							
FR 40		2/0	3	Violet	70	AM118FR4020	36
		0	3.5	Violet	70	AM118FR4010	36
• RIBBED • RTT							
FR 40 PRIME NEEDLE		2/0	3	Violet	70	AMP118FR4020	36
		0	3.5	Violet	70	AMP118FR4010	36
• RIBBED • RTT							

Premisut PGA

● J-Hook Round bodied TAPERPOINT

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
JR 30		2/0	3	Violet	70	AM118JR3020	36
		1	4	Violet	70	AM118JR3001	36
• RIBBED • RTT							
JR 30 PRIME NEEDLE		2/0	3	Violet	70	AMP118JR3020	36
		1	4	Violet	70	AMP118JR3001	36
• RIBBED • RTT							
JR 36		2/0	3	Violet	75	AM112JR3620	36
		0	3.5	Violet	75	AM112JR3610	36
		1	4	Violet	75	AM112JR3601	36
• RIBBED • RTT							
JR 36 PRIME NEEDLE		2/0	3	Violet	75	AMP112JR3620	36
		0	3.5	Violet	75	AMP112JR3610	36
		1	4	Violet	75	AMP112JR3601	36
• RIBBED • RTT							

Premisut PGA

J-Hook Round bodied TAPERCUT

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
JRT 31		1	4	Violet	75	AM112JRT3101	36
• RIBBED • RTT							
JRT 31 PRIME NEEDLE		1	4	Violet	75	AMP112JRT3101	36
• RIBBED • RTT							

1/2 Circle MICROPOINT SPATULA

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
2xHSP 7 PRIME NEEDLE		8/0	0.4	Violet	30	AMP114HSP780-2	12
		7/0	0.5	Violet	45	AMP111HSP770-2	12
2xHSP 8 PRIME NEEDLE		6/0	0.7	Violet	45	AMP111HSP860-2	12
		6/0	0.7	Undyed	45	AMP121HSP860-2	12

Premisut PGA

3/8 Circle MICROPOINT SPATULA

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
DSP 6.5 PRIME NEEDLE		8/0	0.4	Violet	30	AMP114DSP6.580	12
		7/0	0.5	Violet	30	AMP114DSP6.570	12
2 x DSP 6.5 PRIME NEEDLE		8/0	0.4	Violet	30	AMP114DSP6.580-2	12
		7/0	0.5	Violet	45	AMP111DSP6.570-2	12
2xDSP 11 PRIME NEEDLE		5/0	1	Undyed	45	AMP121DSP1150-2	12

1/4 Circle MICROPOINT SPATULA

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
2xVSP 6.5 PRIME NEEDLE		6/0	0.7	Violet	45	AMP111VSP6.560-2	12
2xVSP 8 PRIME NEEDLE		6/0	0.7	Violet	45	AMP111VSP860-2	12
		5/0	1	Violet	45	AMP111VSP850-2	36
		4/0	1.5	Violet	45	AMP111VSP840-2	36

Premisut PGA

Without needle

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
	250cm	3/0	2	Violet	250	AM11-25030	36
		2/0	3	Violet	250	AM11-25020	36
		0	3.5	Violet	250	AM11-25010	36
		1	4	Violet	250	AM11-25001	36
	180cm	4/0	1.5	Violet	180	AM11-18040	36
		3/0	2	Violet	180	AM11-18030	36
		2/0	3	Violet	180	AM11-18020	36
		0	3.5	Violet	180	AM11-18010	36
		1	4	Violet	180	AM11-18001	36
		2	5	Violet	180	AM11-18002	36
	150cm	4/0	1.5	Violet	150	AM11-15040	36
		3/0	2	Violet	150	AM11-15030	36
		2/0	3	Violet	150	AM11-15020	36
		0	3.5	Violet	150	AM11-15010	36
		1	4	Violet	150	AM11-15001	36
		2	5	Violet	150	AM11-15002	36
	3 x 50cm	3/0	2	Violet	3 x 50	AM11-3.5030	36
		2/0	3	Violet	3 x 50	AM11-3.5020	36
		0	3.5	Violet	3 x 50	AM11-3.5010	36
		1	4	Violet	3 x 50	AM11-3.5001	36
		2	5	Violet	3 x 50	AM11-3.5002	36
	10 x 60cm	4/0	1.5	Violet	10 x 60	AM11-10.6040	36
		3/0	2	Violet	10 x 60	AM11-10.6030	36
		2/0	3	Violet	10 x 60	AM11-10.6020	36
		0	3.5	Violet	10 x 60	AM11-10.6010	36
		1	4	Violet	10 x 60	AM11-10.6001	36
		2	5	Violet	10 x 60	AM11-10.6002	36
	2 x 70cm	4/0	1.5	Violet	2 x 70	AM11-2.7040	36
		3/0	2	Violet	2 x 70	AM11-2.7030	36
		2/0	3	Violet	2 x 70	AM11-2.7020	36
		0	3.5	Violet	2 x 70	AM11-2.7010	36
		1	4	Violet	2 x 70	AM11-2.7001	36
		2	5	Violet	2 x 70	AM11-2.7002	36
	3 x 45cm	5/0	1	Violet	3 x 45	AM11-3.4550	36
		4/0	1.5	Violet	3 x 45	AM11-3.4540	36
		3/0	2	Violet	3 x 45	AM11-3.4530	36
		2/0	3	Violet	3 x 45	AM11-3.4520	36
		0	3.5	Violet	3 x 45	AM11-3.4510	36
		1	4	Violet	3 x 45	AM11-3.4501	36
		2	5	Violet	3 x 45	AM11-3.4502	36

Premisut PGA

Without needle

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
	5 x 70cm	3/0	2	Violet	5 x 70	AM11-5.7030	36
		2/0	3	Violet	5 x 70	AM11-5.7020	36
		0	3.5	Violet	5 x 70	AM11-5.7010	36
		1	4	Violet	5 x 70	AM11-5.7001	36
		2	5	Violet	5 x 70	AM11-5.7002	36
	6 x 45cm	5/0	1	Violet	6 x 45	AM11-6.4550	36
		4/0	1.5	Violet	6 x 45	AM11-6.4540	36
		3/0	2	Violet	6 x 45	AM11-6.4530	36
		2/0	3	Violet	6 x 45	AM11-6.4520	36
		0	3.5	Violet	6 x 45	AM11-6.4510	36
		1	4	Violet	6 x 45	AM11-6.4501	36
		2	5	Violet	6 x 45	AM11-6.4502	36
	12 x 45cm	4/0	1.5	Violet	12 x 45	AM11-12.4540	36
		3/0	2	Violet	12 x 45	AM11-12.4530	36
		2/0	3	Violet	12 x 45	AM11-12.4520	36
		0	3.5	Violet	12 x 45	AM11-12.4510	36
		1	4	Violet	12 x 45	AM11-12.4501	36
		2	5	Violet	12 x 45	AM11-12.4502	36