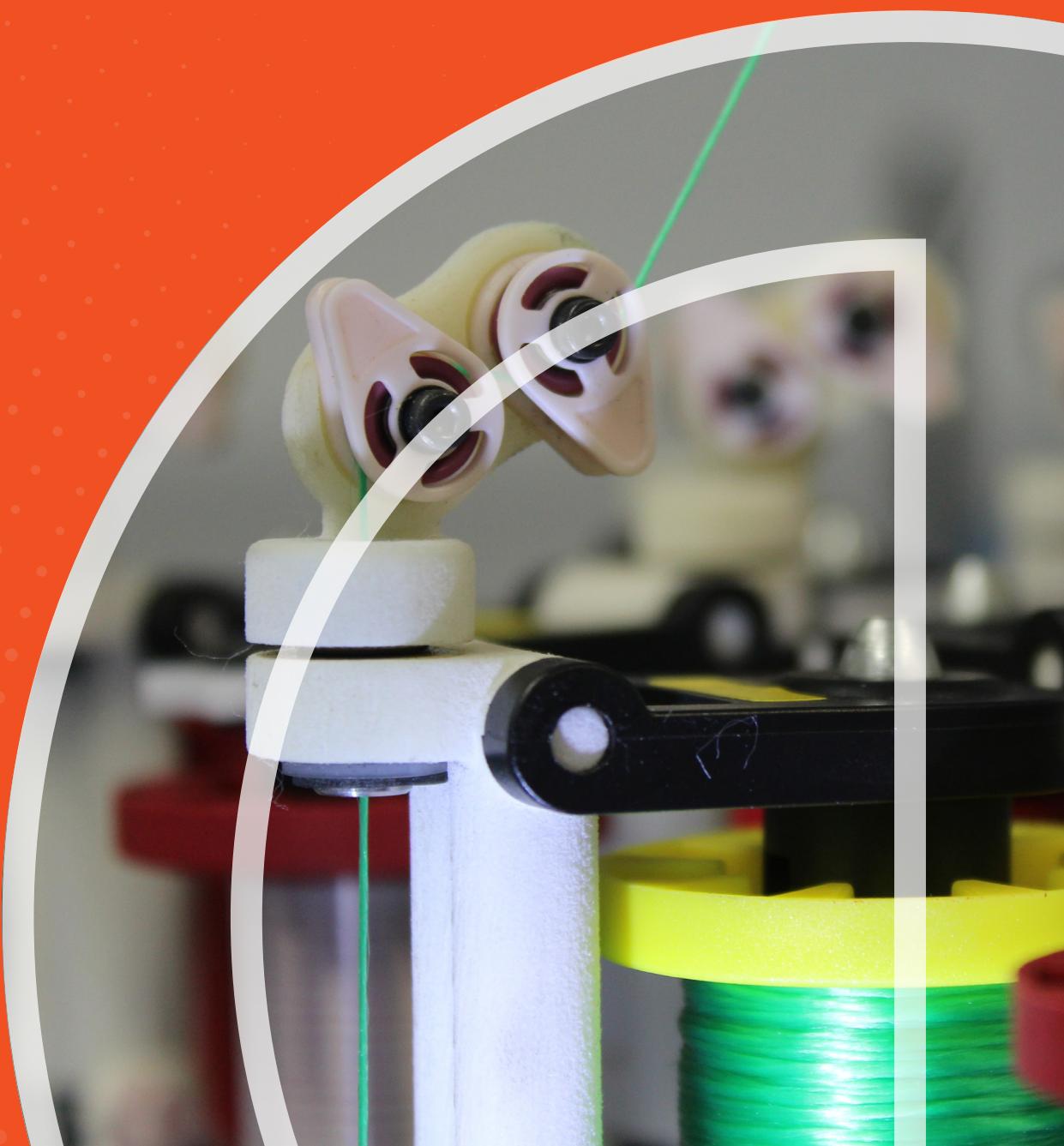




Product Catalog

CONSISTENCY | QUALITY | VALUE

Pearsalls®





Welcome

Pearsalls, Ltd.

In 1795 Pearsalls Ltd was founded by James Pearsall in London. The Taunton facility was established in 1816 and originally processed silk for the lace trade. During the 1970's production moved into the medical device field to manufacture suture material. Whilst the company has changed ownership several times in the past, it is now known as Corza Medical Taunton, but trades as Pearsalls Ltd. The transition to manufacture medical devices was based on the company's original set of core competencies of twisting, braiding, dyeing and coating. The intricate bespoke (custom) assembly and manufacturing combined with the core competencies were ideal for producing suture material. The site covers 65,000 sq ft with 30,000 sq ft of manufacturing area and employs approx. 200 people.



Corza Medical

Corza Medical is a new medical device company that unites Surgical Specialties Corporation and the TachoSil fibrin sealant matrix from Takeda Pharmaceuticals, creating a leading provider of advanced surgical products and technologies. The company brings together brands with decades of trust and clinical relevance, and has a global team of over 1,700 employees supporting clinicians, distributors and medical device companies. Corza Medical's mission is to aid and champion the surgical community with outstanding products and exceptional service that save time, money and effort.

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Our Products

Pearsalls Ltd 'Design and manufacture textile implants for use in orthopaedic, general and vascular surgery; non absorbable, non-sterile materials in straight (monofilament), twisted and braided configurations in silk and synthetic (PA66, Polypropylene PET, UHMWPE) for use as surgical sutures, suture assemblies and dental floss.' We have been exporting our products around the world for over 30 years for manufacturers to use within the medical device industry.

Product Conformity

Pearsalls Ltd products are designed to conform to either the United States Pharmacopeia or the European Pharmacopoeia; the product index identifies which specification the sutures conform to.

Quality

Pearsalls Ltd is accredited to ISO 13485. Our notified body is SGS. Copies of our accreditation certification are available on request. Certificates of Conformity, which show test results obtained by our Quality Control Department, are supplied with every batch or lot in a shipment.

Dyed Product Conformity

21 CFR 70.5(c) can be met by the following dye stuffs: Logwood Black 21CFR 73.1410; Green No.6 21CFR 74.3206; DandC Blue No.2 21CFR 74.3102; Blue dye: [Phthalocyaninato (2-)] copper 21CFR 74.3045.



Biological Testing

Whilst the suture we provide is manufactured for use within the medical device industry, it is for the OEM manufacturer to determine the best suture that will perform to the required characteristics of the finished device. 'ISO 10993 addresses the determination of the effects of medical devices on tissues, mostly in a general way, rather than in a specific device-type situation. Thus for a complete biological safety evaluation, it classifies medical devices according to their nature and duration of their anticipated contact with human tissues when in use and indicates, in matrices, the biological data sets that are thought to be relevant in the consideration of each device category.' As we supply our products to OEM customers, it is understood that the biological evaluation will be undertaken by them, as the end use determines the effect of the suture upon the tissue.

Batch Numbering

All reels are marked with a batch number, which identifies the date of production, materials used and details of Quality Control tests. In accordance with Good Manufacturing Practice, dispatch records of individual batches are retained should a recall be required.

Supply Packages

Supplied on large reels containing up to 3,000 metres dependent upon the metric size. Uninspected silk can be measured on reels up to 10,000mtrs. Each reel is supplied double bagged and the number of knots per reel is limited to 12 per 1000m and is recorded on a sticker on the bottom of the reel. Each knot will be identified with a tie so it can be removed during further processing.

Storage

No storage advice or expiration dates are given for Pearsalls products; the environment of further manufacture and the intended purpose of the finished device affects these aspects, and therefore is the responsibility of the OEM manufacturer. Pearsalls does retest stored stock after 5 years for compliance.

EP and USP Packaging Reference Chart		
EP	USP	Sales Unit (M/Reel)
0.2	10-0	50
0.3	9-0	50
0.4	8-0	50
0.5	7-0	1000
0.7	6-0	1000
1.0	5-0	3000
1.5	4-0	3000
2.0	3-0	3000
2.5	2.5-0	200
3.0	2-0	200
3.5	1/0 or 0	1000
4.0	1	1000
5.0	2	500
6.0	3 and 4	500
7.0	5	250
8.0	6	250
9.0	7	250
10	8	250

Customer Testing Information

Standard knot pull tensile strength is as stated in the latest editions of either the European Pharmacopoeia or US Pharmacopeia for non-absorbable sutures Class I—plus 25% for non-sterile sutures. Virgin silk sutures are classified as Class II non-absorbable suture as they are composed of coated natural fibres where the coating significantly affects the thickness but does not contribute to the strength.

Pearsalls knot pull test is made with a simple knot.

The tensile strength of sizes smaller than USP 8-0 (metric 0.4) are measured by straight pull.

The tolerances for our products are based on either European Pharmacopoeia or US Pharmacopeia standards and are shown in the tables on pages 7 through to 8.



United States Pharmacopoeia Tensile Strength Requirements

Size		USP SIMPLE KNOT PULL*			
EP	USP	Class I with 25% Added for Unsterilized Product (> Equal to or greater than)		Class II Virgin Silk Only (< No value is less than)	
		(N)	(KG/F)	(N)	(KG/F)
0.01	12-0	0.012	0.00125*	N/A	N/A
0.1	11-0	0.735	0.0075*	0.058	0.006a
0.2	10-0	0.235	0.025*	0.166	0.017a
0.3	9-0	0.529	0.054*	.0353	0.036a
0.4	8-0	0.735	0.075	0.490	0.05
0.5	7-0	1.372	0.14	0.784	0.08
0.7	6-0	2.451	0.25	1.372	0.14
1	5-0	4.903	0.50	2.843	0.29
1.5	4-0	7.354	0.75	5.687	0.58
2	3-0	11.767	1.20	8.041	0.82
2.5	2.5-0	16.966	1.73	9.120	0.93
3	2-0	17.651	1.80	12.454	1.27
3.5	0	26.477	2.70	17.750	1.81
4	1	33.34	3.40	22.163	2.26
5	2	43.149	4.40	31.087	3.17
6	3 and 4	59.820	6.10	45.110	4.60
7	5	75.511	7.70	N/A	N/A
8	6	89.240	9.10	N/A	N/A
9	7	110.815	11.30	N/A	N/A
10	8	N/A	N/A	N/A	N/A

*The tensile strength of sizes smaller than USP 8-0 (metric 0.4) are measured by straight pull.

European Pharmacopoeia Tensile Strength Requirements

Size		EP SIMPLE KNOT PULL*			
EP	USP	Non Absorbable Average (> Equal to or greater than)		Non Absorbable Absolute Minimum <th data-kind="ghost"></th>	
		(N)	(KG/F)	(N)	(KG/F)
0.01	12-0	0.01	0.001	N/A	N/A
0.1	11-0	0.03	0.003	N/A	N/A
0.2	10-0	0.1	0.01	N/A	N/A
0.3	9-0	0.35	0.035	0.06	0.006
0.4	8-0	0.6	0.061	0.15	0.015
0.5	7-0	1	0.101	0.35	0.035
0.7	6-0	1.5	0.152	0.6	0.061
1	5-0	3	0.305	1	0.101
1.5	4-0	5	0.509	1.5	0.152
2	3-0	9	0.917	3	0.305
2.5	2.5-0	13	1.325	5	0.509
3	2-0	15	1.529	9	0.917
3.5	0	22	2.243	13	1.325
4	1	27	2.753	15	1.529
5	2	35	3.569	22	2.243
6	3 and 4	50	5.098	27	2.753
7	5	62	6.322	35	3.569
8	6	73	7.443	50	5.098
9	7	N/A	N/A	N/A	N/A
10	8	N/A	N/A	N/A	N/A

*The tensile strength of sizes smaller than USP 8-0 (metric 0.4) are measured by straight pull.

Diameter Requirements

United States Pharmacopoeia Diameter					
Size		USP Diameter			
EP	USP	Average min. (mm)	Average max. (mm)	Absolute min. (mm)	Absolute max. (mm)
0.1	11-0	0.010	0.019	0.005	0.025
0.2	10-0	0.020	0.029	0.015	0.035
0.3	9-0	0.030	0.039	0.025	0.045
0.4	8-0	0.040	0.049	0.035	0.060
0.5	7-0	0.050	0.069	0.045	0.085
0.7	6-0	0.070	0.099	0.060	0.125
1	5-0	0.10	0.149	0.085	0.175
1.5	4-0	0.15	0.199	0.125	0.25
2	3-0	0.20	0.249	0.175	0.275
2.5	2.5-0	0.25	0.299	0.225	0.325
3	2-0	0.30	0.349	0.250	0.375
3.5	0	0.35	0.399	0.325	0.450
4	1	0.40	0.499	0.375	0.550
5	2	0.50	0.599	0.450	0.650
6	3 and 4	0.60	0.699	0.550	0.750
7	5	0.70	0.799	0.650	0.850
8	6	0.80	0.899	0.750	0.950
9	7	0.90	0.999	0.850	1.050
10	8	1.00	1.099	0.950	1.150

European Pharmacopoeia Diameter					
Size		USP Diameter			
EP	USP	Average min. (mm)	Average max. (mm)	Absolute min. (mm)	Absolute max. (mm)
0.01	12-0	0.001	0.009	0.003	0.012
0.1	11-0	0.010	0.019	0.005	0.025
0.2	10-0	0.020	0.029	0.015	0.035
0.3	9-0	0.030	0.039	0.025	0.045
0.4	8-0	0.040	0.049	0.035	0.060
0.5	7-0	0.050	0.069	0.045	0.085
0.7	6-0	0.070	0.099	0.060	0.125
1	5-0	0.100	0.149	0.085	0.175
1.5	4-0	0.150	0.199	0.125	0.25
2	3-0	0.200	0.249	0.175	0.275
2.5	2.5-0	0.250	0.299	0.225	0.325
3	2-0	0.300	0.349	0.250	0.375
3.5	0	0.350	0.399	0.325	0.450
4	1	0.400	0.499	0.375	0.550
5	2	0.500	0.599	0.450	0.650
6	3 and 4	0.600	0.699	0.550	0.750
7	5	0.700	0.799	0.650	0.850
8	6	0.800	0.899	0.750	0.950
9	7	0.900	0.999	0.850	1.050
10	8	1.000	1.099	0.950	1.150

Sutures

- Silk Braided Sutures
- Virgin Silk for Microsutures
- Pre-Stabilised Braided Polyester Sutures
- Soft Polyester (Cardiovascular) Suture
- Monofilament Nylon Sutures
- Monofilament Polypropylene

Silk Braided Sutures

Product

Non-capillary silk has excellent handling and tying characteristics. Modern braiding techniques provide a uniform smooth surface, greater tensile strength whilst maintaining a consistent diameter within the limits of the European Pharmacopoeia or US Pharmacopoeia. The suture is available in either black or natural (white). US Pharmacopoeia Standard Black Silk is dyed with Logwood Black.

Construction

Individual filaments of the highest quality silk are treated to improve handling properties. The filaments are twisted and braided. The braid consists of a core of twisted silk around which a cover is plaited from 8, 12 or 16 silk threads. Sizes 7/0, 6/0, 5/0 and 4/0 have no core. Product range US7/0 (EP0.5) to US7(EP9) for black and US8 (EP10) for natural.

Materials

Fiber	Protein fiber from filaments spun by the silkworm – <i>Bombyx Mori</i> L.
Color	Logwood black
	Natural (White)
Dyestuffs	Logwood Black: CI75290. Natural Tinctorial Wood Extract obtained from <i>Haematoxylon Campechianum</i> . Conforms to US 21 CFR 73.1410 - US Pharmacopoeia standard.
	The quantity of colour additive does not exceed 1.0 percent by weight of the suture.
	Natural - No dye
Finishes	Wax – 100% pure Beeswax BP (white) from species <i>Apis Mellifera</i> conforming to EP
	Silicone – Nusil Med 2174 Silicone Elastomer

Code	Metric Size	Material	Testing Compliance
I5A051000	0.5	Silk Braided Logwood Black Uncoated	USP
I5A071000	0.7	Silk Braided Logwood Black Uncoated	USP
I5A103000	1	Silk Braided Logwood Black Uncoated	USP
I5A153000	1.5	Silk Braided Logwood Black Uncoated	USP
I5A203000	2	Silk Braided Logwood Black Uncoated	USP
I5A252000	2.5	Silk Braided Logwood Black Uncoated	USP
I5A302000	3	Silk Braided Logwood Black Uncoated	USP
I5A351000	3.5	Silk Braided Logwood Black Uncoated	USP
I5A401000	4	Silk Braided Logwood Black Uncoated	USP
I5A500500	5	Silk Braided Logwood Black Uncoated	USP
I5A600500	6	Silk Braided Logwood Black Uncoated	USP
I5A700250	7	Silk Braided Logwood Black Uncoated	USP
I5A800250	8	Silk Braided Logwood Black Uncoated	USP
I5A900250	9	Silk Braided Logwood Black Uncoated	USP

Code	Metric Size	Material	Testing Compliance
I5B051000	0.5	Silk Braided Logwood Black Wax	USP
I5B071000	0.7	Silk Braided Logwood Black Wax	USP
I5B103000	1	Silk Braided Logwood Black Wax	USP
I5B153000	1.5	Silk Braided Logwood Black Wax	USP
I5B203000	2	Silk Braided Logwood Black Wax	USP
I5B252000	2.5	Silk Braided Logwood Black Wax	USP
I5B302000	3	Silk Braided Logwood Black Wax	USP
I5B351000	3.5	Silk Braided Logwood Black Wax	USP
I5B401000	4	Silk Braided Logwood Black Wax	USP
I5B500500	5	Silk Braided Logwood Black Wax	USP
I5B600500	6	Silk Braided Logwood Black Wax	USP
I5B700250	7	Silk Braided Logwood Black Wax	USP
I5B800250	8	Silk Braided Logwood Black Wax	USP
I5B900250	9	Silk Braided Logwood Black Wax	USP

Silk Braided Sutures (cont.)

Code	Metric Size	Material	Testing Compliance
I5C05I000	0.5	Silk Braided Logwood Black Silicone	USP
I5C07I000	0.7	Silk Braided Logwood Black Silicone	USP
I5C103000	1	Silk Braided Logwood Black Silicone	USP
I5C153000	1.5	Silk Braided Logwood Black Silicone	USP
I5C203000	2	Silk Braided Logwood Black Silicone	USP
I5C252000	2.5	Silk Braided Logwood Black Silicone	USP
I5C302000	3	Silk Braided Logwood Black Silicone	USP
I5C35I000	3.5	Silk Braided Logwood Black Silicone	USP
I5C40I000	4	Silk Braided Logwood Black Silicone	USP
I5C500500	5	Silk Braided Logwood Black Silicone	USP
I5C600500	6	Silk Braided Logwood Black Silicone	USP
I5C700250	7	Silk Braided Logwood Black Silicone	USP
I5C800250	8	Silk Braided Logwood Black Silicone	USP
I5C900250	9	Silk Braided Logwood Black Silicone	USP

Code	Metric Size	Material	Testing Compliance
25B05I000	0.5	Silk Braided White Wax	EP
25B07I000	0.7	Silk Braided White Wax	EP
25B103000	1	Silk Braided White Wax	EP
25B153000	4	Silk Braided White Wax	EP
25B203000	5	Silk Braided White Wax	EP
25B252000	6	Silk Braided White Wax	EP
25B302000	7	Silk Braided White Wax	EP
25B35I000	8	Silk Braided White Wax	EP
25B40I000	9	Silk Braided White Wax	EP
25B500500	0.5	Silk Braided White Wax	EP
25B600500	0.7	Silk Braided White Wax	EP
25B700250	1	Silk Braided White Wax	EP
25B800250	1.5	Silk Braided White Wax	EP
25B900250	2	Silk Braided White Wax	EP
25BTN0250	2.5	Silk Braided White Wax	EP
25C05I000	3	Silk Braided White Silicone	EP
25C07I000	3.5	Silk Braided White Silicone	EP
25C103000	4	Silk Braided White Silicone	EP
25C153000	5	Silk Braided White Silicone	EP
25C203000	6	Silk Braided White Silicone	EP
25C302000	7	Silk Braided White Silicone	EP
25C35I000	8	Silk Braided White Silicone	EP
25C40I000	9	Silk Braided White Silicone	EP
25C500500	0.5	Silk Braided White Silicone	EP
25C600500	0.7	Silk Braided White Silicone	EP
25C700250	1	Silk Braided White Silicone	EP
25C800250	1.5	Silk Braided White Silicone	EP
25C900250	2	Silk Braided White Silicone	EP
25CTN0250	10	Silk Braided White Silicone	EP

Virgin Silk for Microsutures

Product

Pearsalls Ltd Silk Sutures have been developed to achieve the greatest tensile strength whilst maintaining a consistent diameter within the limits of the European Pharmacopoeia or US Pharmacopoeia. Virgin Silk Sutures are classified as Class II Non-absorbable sutures as they are composed of coated natural fibres where the coating significantly affects the thickness, but does not contribute to the strength. The Suture is available in either black or natural (ivory).

Construction

An individual filature of silk is specially treated to facilitate processing. The filaments are delicately processed and dyed leaving, for the most part intact, the sericin or natural gum with which the silk worm coats the silk filament. This coating protects the delicate filament during processing and in use.

Product range sizes 8/0 (EP0.4) and 7/0 (EP0.5).

Materials

Fiber	Protein fiber from filaments spun by the silkworm – Bombyx Mori L.
Color	Logwood black
	Natural
Dyestuffs	Logwood Black: CI75290. Natural Tinctorial Wood Extract obtained from Haematoxylon Campechianum. Conforms to US 21 CFR 73.1410 - US Pharmacopeia standard.
	The quantity of colour additive does not exceed 1.0 percent by weight of the suture.
	Natural - No dye
Finishes	Natural gum of the silk worm Bombyx Mori L.

Code	Metric Size	Material	Testing Compliance
55A04200BLACK	0.4	Virgin Silk Logwood Black	USP
55A05200BLACK	0.5	Virgin Silk Logwood Black	USP
55A04200NAT	0.4	Virgin Silk Natural Ivory	USP
55A05200NAT	0.5	Virgin Silk Natural Ivory	USP

Pre-Stabilised Braided Polyester Sutures

Product

The fine braiding of polyester gives this material an excellent smoothness. Easy to handle, its uniform surface can minimise trauma; and good knot tying security can provide long-term wound support. The suture is available in either green or natural (white).

Construction

Braids are constructed to conform to the Pharmacopeia in 8, 12, and 16 carriers. Filaments are precision braided around a central core depending on the size. The following sizes have no central core; 6/0, 5/0, 4/0. The braid then undergoes a special process to ensure regularity of diameter is perfected. A coating is also available to improve the knot run down of the braid, enhance smoothness, and assist in giving a non-capillary effect.

Product range US6/0 (EP0.7) to US8 (EP10) for both colours but limited to US7 (EP9) on green silicone.

Materials	
Fiber	Polyester High tenacity filaments of Polyethylene Terephthalate. Pre-stabilized
Color	Green
	Natural
Dyestuffs	D&C Green No. 6. – (Colour Index Number – C.I. 61565) Conforms to US 21 CFR 74.3206.
The quantity of colour additive not to exceed 0.75 percent by weight of suture.	
Natural - No dye	
Finishes	Wax – 100% Pure Beeswax BP (white) from species Apis Mellifera conforming to EP
	Silicone – Nusil Med 2174 Silicone Elastomer
	Filodell – Dispersion of Ethyl Cellulose

Code	Metric Size	Material	Testing Compliance
35A07I000	0.7	Pre-Stabilised Braided Polyester White Uncoated	EP
35AI03000	1	Pre-Stabilised Braided Polyester White Uncoated	EP
35AI53000	1.5	Pre-Stabilised Braided Polyester White Uncoated	EP
35A203000	2	Pre-Stabilised Braided Polyester White Uncoated	EP
35A252000	2.5	Pre-Stabilised Braided Polyester White Uncoated	EP
35A302000	3	Pre-Stabilised Braided Polyester White Uncoated	EP
35A35I000	3.5	Pre-Stabilised Braided Polyester White Uncoated	EP
35A40I000	4	Pre-Stabilised Braided Polyester White Uncoated	EP
35A500500	5	Pre-Stabilised Braided Polyester White Uncoated	EP
35A600500	6	Pre-Stabilised Braided Polyester White Uncoated	EP
35A700250	7	Pre-Stabilised Braided Polyester White Uncoated	EP
35A800250	8	Pre-Stabilised Braided Polyester White Uncoated	EP
35A900250	9	Pre-Stabilised Braided Polyester White Uncoated	EP
35ATN0250	10	Pre-Stabilised Braided Polyester White Uncoated	EP

Code	Metric Size	Material	Testing Compliance
15B07I000	0.7	Pre-Stabilised Braided Polyester White Wax	EP
15BI03000	1	Pre-Stabilised Braided Polyester White Wax	EP
15BI53000	1.5	Pre-Stabilised Braided Polyester White Wax	EP
15B203000	2	Pre-Stabilised Braided Polyester White Wax	EP
15B252000	2.5	Pre-Stabilised Braided Polyester White Wax	EP
15B302000	3	Pre-Stabilised Braided Polyester White Wax	EP
15B35I000	3.5	Pre-Stabilised Braided Polyester White Wax	EP
15B40I000	4	Pre-Stabilised Braided Polyester White Wax	EP
15B500500	5	Pre-Stabilised Braided Polyester White Wax	EP
15B600500	6	Pre-Stabilised Braided Polyester White Wax	EP
35B700250	7	Pre-Stabilised Braided Polyester White Wax	EP
35B800250	8	Pre-Stabilised Braided Polyester White Wax	EP
35B900250	9	Pre-Stabilised Braided Polyester White Wax	EP
35BTN0250	10	Pre-Stabilised Braided Polyester White Wax	EP

Pre-Stabilised Braided Polyester Sutures (cont.)

Code	Metric Size	Material	Testing Compliance
35C07I000	0.7	Pre-Stabilised Braided Polyester White Silicone	USP
35CI03000	1	Pre-Stabilised Braided Polyester White Silicone	USP
35CI53000	1.5	Pre-Stabilised Braided Polyester White Silicone	USP
35C203000	2	Pre-Stabilised Braided Polyester White Silicone	USP
35C252000	2.5	Pre-Stabilised Braided Polyester White Silicone	USP
35C302000	3	Pre-Stabilised Braided Polyester White Silicone	USP
35C35I000	3.5	Pre-Stabilised Braided Polyester White Silicone	USP
35C40I000	4	Pre-Stabilised Braided Polyester White Silicone	USP
35C500500	5	Pre-Stabilised Braided Polyester White Silicone	USP
35C600500	6	Pre-Stabilised Braided Polyester White Silicone	USP
35C700250	7	Pre-Stabilised Braided Polyester White Silicone	USP
35C800250	8	Pre-Stabilised Braided Polyester White Silicone	USP
35C900250	9	Pre-Stabilised Braided Polyester White Silicone	USP
35CTN0250	10	Pre-Stabilised Braided Polyester White Silicone	USP
35F07I000	0.7	Pre-Stabilised Braided Polyester White Filodell	EP
35FI03000	1	Pre-Stabilised Braided Polyester White Filodell	EP
35FI53000	1.5	Pre-Stabilised Braided Polyester White Filodell	EP
35F203000	2	Pre-Stabilised Braided Polyester White Filodell	EP
35F302000	3	Pre-Stabilised Braided Polyester White Filodell	EP
35F35I000	3.5	Pre-Stabilised Braided Polyester White Filodell	EP
35F40I000	4	Pre-Stabilised Braided Polyester White Filodell	EP
35F500500	5	Pre-Stabilised Braided Polyester White Filodell	EP
35F600500	6	Pre-Stabilised Braided Polyester White Filodell	EP

Code	Metric Size	Material	Testing Compliance
40A07I000	0.7	Pre-Stabilised Braided Polyester Green Uncoated	EP
40AI03000	1	Pre-Stabilised Braided Polyester Green Uncoated	EP
40AI53000	1.5	Pre-Stabilised Braided Polyester Green Uncoated	EP
40A203000	2	Pre-Stabilised Braided Polyester Green Uncoated	EP
40A252000	2.5	Pre-Stabilised Braided Polyester Green Uncoated	EP
40A302000	3	Pre-Stabilised Braided Polyester Green Uncoated	EP
40A35I000	3.5	Pre-Stabilised Braided Polyester Green Uncoated	EP
40A40I000	4	Pre-Stabilised Braided Polyester Green Uncoated	EP
40A500500	5	Pre-Stabilised Braided Polyester Green Uncoated	EP
40A600500	6	Pre-Stabilised Braided Polyester Green Uncoated	EP
40A700250	7	Pre-Stabilised Braided Polyester Green Uncoated	EP
40A800250	8	Pre-Stabilised Braided Polyester Green Uncoated	EP
40A900250	9	Pre-Stabilised Braided Polyester Green Uncoated	EP
40ATN0250	10	Pre-Stabilised Braided Polyester Green Uncoated	EP
40B07I000	0.7	Pre-Stabilised Braided Polyester Green Wax	EP
40BI03000	1	Pre-Stabilised Braided Polyester Green Wax	EP
40BI53000	1.5	Pre-Stabilised Braided Polyester Green Wax	EP
40B203000	2	Pre-Stabilised Braided Polyester Green Wax	EP
40B252000	2.5	Pre-Stabilised Braided Polyester Green Wax	EP
40B302000	3	Pre-Stabilised Braided Polyester Green Wax	EP
40B35I000	3.5	Pre-Stabilised Braided Polyester Green Wax	EP
40B40I000	4	Pre-Stabilised Braided Polyester Green Wax	EP

Pre-Stabilised Braided Polyester Sutures (cont.)

Code	Metric Size	Material	Testing Compliance
15B500500	5	Pre-Stabilised Braided Polyester White Wax	EP
15B600500	6	Pre-Stabilised Braided Polyester White Wax	EP
35B700250	7	Pre-Stabilised Braided Polyester White Wax	EP
35B800250	8	Pre-Stabilised Braided Polyester White Wax	EP
35B900250	9	Pre-Stabilised Braided Polyester White Wax	EP
35BTN0250	10	Pre-Stabilised Braided Polyester White Wax	EP
40B500500	5	Pre-Stabilised Braided Polyester Green Wax	EP
40B600500	6	Pre-Stabilised Braided Polyester Green Wax	EP
40B700250	7	Pre-Stabilised Braided Polyester Green Wax	EP
40B800250	8	Pre-Stabilised Braided Polyester Green Wax	EP
40B900250	9	Pre-Stabilised Braided Polyester Green Wax	EP
40BTN0250	10	Pre-Stabilised Braided Polyester Green Wax	EP
40C07I000	0.7	Pre-Stabilised Braided Polyester Green Med2174	USP
40CI03000	1	Pre-Stabilised Braided Polyester Green Med2174	USP
40CI53000	1.5	Pre-Stabilised Braided Polyester Green Med2174	USP
40C203000	2	Pre-Stabilised Braided Polyester Green Med2174	USP
40C252000	2.5	Pre-Stabilised Braided Polyester Green Med2174	USP
40C302000	3	Pre-Stabilised Braided Polyester Green Med2174	USP
40C35I000	3.5	Pre-Stabilised Braided Polyester Green Med2174	USP
40C40I000	4	Pre-Stabilised Braided Polyester Green Med2174	USP
40C500500	5	Pre-Stabilised Braided Polyester Green Med2174	USP
40C600500	6	Pre-Stabilised Braided Polyester Green Med2174	USP
40C700250	7	Pre-Stabilised Braided Polyester Green Med2174	USP

Code	Metric Size	Material	Testing Compliance
40C800250	8	Pre-Stabilised Braided Polyester Green Med2174	USP
40C900250	9	Pre-Stabilised Braided Polyester Green Med2174	USP
40F07I000	0.7	Pre-Stabilised Braided Polyester Green Filodell	USP
40FI03000	1	Pre-Stabilised Braided Polyester Green Filodell	EP
40FI53000	1.5	Pre-Stabilised Braided Polyester Green Filodell	EP
40F203000	2	Pre-Stabilised Braided Polyester Green Filodell	EP
40F252000	2.5	Pre-Stabilised Braided Polyester Green Filodell	EP
40F302000	3	Pre-Stabilised Braided Polyester Green Filodell	EP
40F35I000	3.5	Pre-Stabilised Braided Polyester Green Filodell	EP
40F40I000	4	Pre-Stabilised Braided Polyester Green Filodell	EP
40F500500	5	Pre-Stabilised Braided Polyester Green Filodell	EP
40F600500	6	Pre-Stabilised Braided Polyester Green Filodell	EP
40F700250	7	Pre-Stabilised Braided Polyester Green Filodell	EP
40F800250	8	Pre-Stabilised Braided Polyester Green Filodell	EP

Soft Polyester (Cardiovascular) Suture

Product

This is a range of polyester sutures designed for cardiovascular use and as such the handling of this range is at the forefront of its attributes. The enhanced softness and flexibility of these braids are what define the products.

Construction

Braids are constructed to conform to the US Pharmacopeia using 8 carriers to achieve the following sizes: US0, US2/0, US3/0, US4/0 US5/0 and US6/0. No central core is used in any of the produced sizes to ensure that the required flexibility is achieved. The braid then undergoes a special process to ensure regularity of diameter is perfected. A coating is applied to improve the knot run down of the braid, enhance smoothness and lubricity, and assist in giving a non-capillary effect.

Code	Metric Size	Material	Testing Compliance
23CI03000	1	Soft Polyester White Med2174	USP
23CI53000	1.5	Soft Polyester White Med2174	USP
23C203000	2	Soft Polyester White Med2174	USP
23C302000	3	Soft Polyester White Med2174	USP
23C351000	3.5	Soft Polyester White Med2174	USP

Materials	
Fiber	Polyester High tenacity filaments of Polyethylene Terephthalate. Pre-stabilized
Color	Green
	Natural
	Blue (Under development)
Dyestuffs	D&C Green No. 6. – (Colour Index Number – C.I. 61565) Conforms to US 21 CFR 74.3206. The quantity of colour additive not to exceed 0.75 percent by weight of suture.
	Natural - No dye
	D & C Blue No. 6. – (Colour Index Number – C.I. 73000) Conforms to US 21 CFR 74.3106. The quantity of colour additive not to exceed 0.2 percent by weight of suture.
Finishes	Silicone – Nusil Med 2174 Silicone Elastomer

Code	Metric Size	Material	Testing Compliance
43CI03000	1	Soft Polyester Green Med2174	USP
43CI53000	1.5	Soft Polyester Green Med2174	USP
43C203000	2	Soft Polyester Green Med2174	USP
43C302000	3	Soft Polyester Green Med2174	USP
43C351000	3.5	Soft Polyester Green Med2174	USP

Monofilament Nylon Sutures

Product

Monofilament Nylon is a polyamide suture with characteristic high tensile strength. The uniform smooth surface permits easy passage through tissue. It is non-capillary and has excellent knot holding ability. Available in black, blue and natural (clear).

Construction

The Product is now only extruded at Pearsalls Ltd in sizes 6/0 (EP0.7) to US2 (EP5) for black and blue. Clear up to US1 (EP4).

Code	Metric Size	Material	Testing Compliance
66A071000	0.7	Monofilament Nylon 6.6 Blue	USP
66A103000	1	Monofilament Nylon 6.6 Blue	USP
66A153000	1.5	Monofilament Nylon 6.6 Blue	USP
66A203000	2	Monofilament Nylon 6.6 Blue	USP
66A351000	3.5	Monofilament Nylon 6.6 Blue	USP
66A401000	4	Monofilament Nylon 6.6 Blue	USP
66A500500	5	Monofilament Nylon 6.6 Blue	USP
70A071000	0.7	Monofilament Nylon 6.6 Logwood Black	USP
70A103000	1	Monofilament Nylon 6.6 Logwood Black	USP
70A153000	1.5	Monofilament Nylon 6.6 Logwood Black	USP
70A203000	2	Monofilament Nylon 6.6 Logwood Black	USP
70A302000	3	Monofilament Nylon 6.6 Logwood Black	USP
70A351000	3.5	Monofilament Nylon 6.6 Logwood Black	USP
70A401000	4	Monofilament Nylon 6.6 Logwood Black	USP
70A500500	5	Monofilament Nylon 6.6 Logwood Black	USP

Materials			
Fiber	Monofilament Polyamide Nylon 6.6 (co-polymer of hexamethylenediamine and adipic acid)		
Color	Logwood Black		
	Natural		
	Blue		
Dyestuffs	Logwood Black: CI75290. Natural Tinctorial Wood Extract obtained from Haematoxylon Campechianum. Conforms to US code of Federal Regulations 21CFR 73.1410 - US Pharmacopeia standard.		
	The quantity of colour additive does not exceed 1.0 percent by weight of the suture.		
	Natural - No dye		
	FD&C Blue No2 CI 73015 conforms to US 21 CFR 74.3102.		
	The quantity of colour additive does not exceed 1.0 percent by weight of the suture.		
Finishes	Uncoated		

Code	Metric Size	Material	Testing Compliance
71A071000	0.7	Monofilament Nylon 6.6 Natural	USP
71A103000	1	Monofilament Nylon 6.6 Natural	USP
71A153000	1.5	Monofilament Nylon 6.6 Natural	USP
71A203000	2	Monofilament Nylon 6.6 Natural	USP
71A302000	3	Monofilament Nylon 6.6 Natural	USP
71A351000	3.5	Monofilament Nylon 6.6 Natural	USP
71A401000	4	Monofilament Nylon 6.6 Natural	USP

Monofilament Polypropylene

Product

Polypropylene is a versatile monofilament suture. It is non-capillary and its tensile strength is often greater than other true monofilaments. In addition, polypropylene is known to pass through tissue with good knot security. The suture is available in blue or clear (natural).

Construction

The Product is extruded at Pearsalls Ltd. Product range blue 7/0 (EP0.5) to US2 (EP5). Size 7/0 is under validation. Sizes 8/0, 9/0 and 10/0 are under development. Clear 3/0 (EP2) to US2 (EP5).

Cut lengths of polypropylene can be supplied from 50mm (2 inches) to 1300mm (52 inches) on application to Pearsalls' R&D team.

Materials

Fiber	Non-absorbable polypropylene surgical suture is a monofilament, flexible thread prepared from long chain polyolefin polymer. US 21 CFR, Part 878, section 5010
Color	Clear (Natural)
	Blue
Dyestuffs	Blue: [Phthalocyaninato (2-)] copper conforms to US 21 CFR 74.3045.
	The quantity of colour additive does not exceed 0.5 percent by weight of the suture.
Finishes	Uncoated

Code	Metric Size	Material	Testing Compliance
61A203000	2	Clear Polypropylene Monofilament	USP
61A302000	3	Clear Polypropylene Monofilament	USP
61A351000	3.5	Clear Polypropylene Monofilament	USP
61A401000	4	Clear Polypropylene Monofilament	USP
61A500500	5	Clear Polypropylene Monofilament	USP
62A051000	0.5	Blue Polypropylene Monofilament	USP
62A071000	0.7	Blue Polypropylene Monofilament	USP
62A103000	1	Blue Polypropylene Monofilament	USP
62A153000	1.5	Blue Polypropylene Monofilament	USP
62A203000	2	Blue Polypropylene Monofilament	USP
62A302000	3	Blue Polypropylene Monofilament	USP
62A351000	3.5	Blue Polypropylene Monofilament	USP
62A401000	4	Blue Polypropylene Monofilament	USP
62A500500	5	Blue Polypropylene Monofilament	USP

Notes

Contact us!

Customer ordering is by product code. Please contact our customer service team at PearsallsCustomerServices@corza.com.

Custom products such as cut lengths, variants of the range detailed in our catalogue or bespoke assemblies can be requested from our R&D department at innovation.lab@corza.com.

You can also call us:

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