

# Pearsalls

## PRODUCT CATALOGUE

- 
- CONSISTENCY
  - QUALITY
  - VALUE



# 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.

## 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.

## 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.

## 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.

## 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; D&C 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.

## 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.

Uncontrolled



# EUROPEAN PHARMACOPOEIA

## DIAMETER REQUIREMENTS

SIZE		EP 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	0.225
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	0.275	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 & 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

For reference only.



# EUROPEAN PHARMACOPOEIA

## TENSILE STRENGTH REQUIREMENTS

SIZE		EP SIMPLE KNOT PULL <sup>a</sup>			
EP	USP	NON ABSORBABLE AVERAGE (> Equal to or greater than)		NON ABSORBABLE ABSOLUTE MINIMUM (< No value is less than)	
		(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	0.010	N/A	N/A
0.3	9-0	0.35	0.035	0.06	0.006
0.4	8-0	0.60	0.061	0.15	0.015
0.5	7-0	1.0	0.101	0.35	0.035
0.7	6-0	1.5	0.152	0.60	0.061
1	5-0	3.0	0.305	1.0	0.101
1.5	4-0	5.0	0.509	1.5	0.152
2	3-0	9.0	0.917	3.0	0.305
2.5	2.5-0	13.0	1.325	5.0	0.509
3	2-0	15.0	1.529	9.0	0.917
3.5	0	22.0	2.243	13.0	1.325
4	1	27.0	2.753	15.0	1.529
5	2	35.0	3.569	22.0	2.243
6	3 & 4	50.0	5.098	27.0	2.753
7	5	62.0	6.322	35.0	3.569
8	6	73.0	7.443	50.0	5.098
9	7	N/A	N/A	N/A	N/A
10	8	N/A	N/A	N/A	N/A

**For reference only.**

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





# UNITED STATES PHARMACOPEIA

## DIAMETER REQUIREMENTS

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	0.250
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 & 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

**For reference only.**





# UNITED STATES PHARMACOPEIA

## 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 (> Equal to or greater than)	
		(N)	(KG/F)	(N)	(KG/F)
0.01	12-0	0.012	0.00125 <sup>a</sup>	N/A	N/A
0.1	11-0	0.735	0.0075 <sup>a</sup>	0.058	0.006 <sup>a</sup>
0.2	10-0	0.235	0.024 <sup>a</sup>	0.166	0.017 <sup>a</sup>
0.3	9-0	0.529	0.054 <sup>a</sup>	0.353	0.036 <sup>a</sup>
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 & 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

**For reference only.**

**<sup>a</sup> - The tensile strength of sizes smaller than USP 8-0 (metric 0.4) are measured by straight pull**



## 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.

<sup>a</sup> 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 6 through to 9.



## EP & USP 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	2000
3.0	2-0	2000
3.5	1/0 or 0	1000
4.0	1	1000
5.0	2	500
6.0	3 & 4	500
7.0	5	250
8.0	6	250
9.0	7	250
10.0	8	250

**For reference only.**



# 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 – Bombyx Mori L.
Colour	Logwood black.
	Natural (white)
Dyestuffs	Logwood Black: CI75290. Natural Tinctorial Wood Extract obtained from Haematoxylon Campechianum. 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.
Finishes	Natural - No Dye
	Wax – 100% pure Beeswax BP (white) from species Apis Meliafera conforming to EP
	Silicone – Nusil Med 2174 Silicone Elastomer



# 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 Pharmacopeia. 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	Silk Protein fibre filaments spun by the silkworm Bombyx Mori L.
Colour	Natural
	Logwood Black
Dyestuffs	Natural – No Dye
	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.
Finishes	Natural gum of the silk worm Bombyx Mori L.



# 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-Stabilised
Colour	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 Meliafera conforming to EP
	Silicone – Nusil Med 2174 Silicone Elastomer
	Filodell – Dispersion of Ethyl Cellulose



# 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.

## MATERIALS

Fiber	Polyester High tenacity filaments of Polyethylene Terephthalate. Pre-Stabilised
Colour	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.
Finish	Silicone – Nusil Med 2174 Silicone Elastomer





# 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)

## MATERIALS

Fiber	Monofilament Polyamide Nylon 6.6 (co-polymer of hexamethylenediamine and adipic acid)
Colour	Logwood Black
	Blue
	Natural
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.
	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.
	Natural- No Dye
Finish	Uncoated



# 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.
Colour	Blue
	Clear (Natural)
Dyestuff	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.
Finish	Uncoated



## PRODUCT INDEX

Code	Metric Size	Material	Testing Compliance	Page Number
15A051000	0.5	Silk Braided Logwood Black Uncoated	USP	12
15A071000	0.7	Silk Braided Logwood Black Uncoated	USP	12
15A103000	1	Silk Braided Logwood Black Uncoated	USP	12
15A153000	1.5	Silk Braided Logwood Black Uncoated	USP	12
15A203000	2	Silk Braided Logwood Black Uncoated	USP	12
15A252000	2.5	Silk Braided Logwood Black Uncoated	USP	12
15A302000	3	Silk Braided Logwood Black Uncoated	USP	12
15A351000	3.5	Silk Braided Logwood Black Uncoated	USP	12
15A401000	4	Silk Braided Logwood Black Uncoated	USP	12
15A500500	5	Silk Braided Logwood Black Uncoated	USP	12
15A600500	6	Silk Braided Logwood Black Uncoated	USP	12
15A700250	7	Silk Braided Logwood Black Uncoated	USP	12
15A800250	8	Silk Braided Logwood Black Uncoated	USP	12
15A900250	9	Silk Braided Logwood Black Uncoated	USP	12
15B051000	0.5	Silk Braided Logwood Black Wax	USP	12
15B071000	0.7	Silk Braided Logwood Black Wax	USP	12
15B103000	1	Silk Braided Logwood Black Wax	USP	12
15B153000	1.5	Silk Braided Logwood Black Wax	USP	12
15B203000	2	Silk Braided Logwood Black Wax	USP	12
15B252000	2.5	Silk Braided Logwood Black Wax	USP	12
15B302000	3	Silk Braided Logwood Black Wax	USP	12
15B351000	3.5	Silk Braided Logwood Black Wax	USP	12
15B401000	4	Silk Braided Logwood Black Wax	USP	12
15B500500	5	Silk Braided Logwood Black Wax	USP	12



## PRODUCT INDEX

Code	Metric Size	Material	Testing Compliance	Page Number
15B600500	6	Silk Braided Logwood Black Wax	USP	12
15B700250	7	Silk Braided Logwood Black Wax	USP	12
15B800250	8	Silk Braided Logwood Black Wax	USP	12
15B900250	9	Silk Braided Logwood Black Wax	USP	12
15C051000	0.5	Silk Braided Logwood Black Silicone	USP	12
15C071000	0.7	Silk Braided Logwood Black Silicone	USP	12
15C103000	1	Silk Braided Logwood Black Silicone	USP	12
15C153000	1.5	Silk Braided Logwood Black Silicone	USP	12
15C203000	2	Silk Braided Logwood Black Silicone	USP	12
15C252000	2.5	Silk Braided Logwood Black Silicone	USP	12
15C302000	3	Silk Braided Logwood Black Silicone	USP	12
15C351000	3.5	Silk Braided Logwood Black Silicone	USP	12
15C401000	4	Silk Braided Logwood Black Silicone	USP	12
15C500500	5	Silk Braided Logwood Black Silicone	USP	12
15C600500	6	Silk Braided Logwood Black Silicone	USP	12
15C700250	7	Silk Braided Logwood Black Silicone	USP	12
15C800250	8	Silk Braided Logwood Black Silicone	USP	12
15C900250	9	Silk Braided Logwood Black Silicone	USP	12
23C103000	1	Soft Polyester White Med2174	USP	15
23C153000	1.5	Soft Polyester White Med2174	USP	15
23C203000	2	Soft Polyester White Med2174	USP	15
23C302000	3	Soft Polyester White Med2174	USP	15
23C351000	3.5	Soft Polyester White Med2174	USP	15
25B051000	0.5	Silk Braided White Wax	EP	12
25B071000	0.7	Silk Braided White Wax	EP	12
25B103000	1	Silk Braided White Wax	EP	12



## PRODUCT INDEX

Code	Metric Size	Material	Testing Compliance	Page Number
25B153000	1.5	Silk Braided White Wax	EP	12
25B203000	2	Silk Braided White Wax	EP	12
25B252000	2.5	Silk Braided White Wax	EP	12
25B302000	3	Silk Braided White Wax	EP	12
25B351000	3.5	Silk Braided White Wax	EP	12
25B401000	4	Silk Braided White Wax	EP	12
25B500500	5	Silk Braided White Wax	EP	12
25B600500	6	Silk Braided White Wax	EP	12
25B700250	7	Silk Braided White Wax	EP	12
25B800250	8	Silk Braided White Wax	EP	12
25B900250	9	Silk Braided White Wax	EP	12
25BTN0250	10	Silk Braided White Wax	EP	12
25C051000	0.5	Silk Braided White Silicone	EP	12
25C071000	0.7	Silk Braided White Silicone	EP	12
25C103000	1	Silk Braided White Silicone	EP	12
25C153000	1.5	Silk Braided White Silicone	EP	12
25C203000	2	Silk Braided White Silicone	EP	12
25C302000	3	Silk Braided White Silicone	EP	12
25C351000	3.5	Silk Braided White Silicone	EP	12
25C401000	4	Silk Braided White Silicone	EP	12
25C500500	5	Silk Braided White Silicone	EP	12
25C600500	6	Silk Braided White Silicone	EP	12
25C700250	7	Silk Braided White Silicone	EP	12
25C800250	8	Silk Braided White Silicone	EP	12
25C900250	9	Silk Braided White Silicone	EP	12



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Code	Metric Size	Material	Testing Compliance	Page Number
25CTN0250	10	Silk Braided White Silicone	EP	12
35A071000	0.7	Pre-Stabilised Braided Polyester White Uncoated	EP	14
35A103000	1	Pre-Stabilised Braided Polyester White Uncoated	EP	14
35A153000	1.5	Pre-Stabilised Braided Polyester White Uncoated	EP	14
35A203000	2	Pre-Stabilised Braided Polyester White Uncoated	EP	14
35A252000	2.5	Pre-Stabilised Braided Polyester White Uncoated	EP	14
35A302000	3	Pre-Stabilised Braided Polyester White Uncoated	EP	14
35A351000	3.5	Pre-Stabilised Braided Polyester White Uncoated	EP	14
35A401000	4	Pre-Stabilised Braided Polyester White Uncoated	EP	14
35A500500	5	Pre-Stabilised Braided Polyester White Uncoated	EP	14
35A600500	6	Pre-Stabilised Braided Polyester White Uncoated	EP	14
35A700250	7	Pre-Stabilised Braided Polyester White Uncoated	EP	14
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35C153000	1.5	Pre-Stabilised Braided Polyester White Silicone	USP	14
35C203000	2	Pre-Stabilised Braided Polyester White Silicone	USP	14
35C252000	2.5	Pre-Stabilised Braided Polyester White Silicone	USP	14
35C302000	3	Pre-Stabilised Braided Polyester White Silicone	USP	14
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40C103000	1	Pre-Stabilised Braided Polyester Green Med2174	USP	14
40C153000	1.5	Pre-Stabilised Braided Polyester Green Med2174	USP	14
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43C203000	2	Soft Polyester Green Med2174	USP	15
43C302000	3	Soft Polyester Green Med2174	USP	15
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62A103000	1	Blue Polypropylene Monofilament	USP	17
62A153000	1.5	Blue Polypropylene Monofilament	USP	17
62A203000	2	Blue Polypropylene Monofilament	USP	17
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62A500500	5	Blue Polypropylene Monofilament	USP	17
66A071000	0.7	Monofilament Nylon 6.6 Blue	USP	16
66A103000	1	Monofilament Nylon 6.6 Blue	USP	16
66A153000	1.5	Monofilament Nylon 6.6 Blue	USP	16
66A203000	2	Monofilament Nylon 6.6 Blue	USP	16
66A351000	3.5	Monofilament Nylon 6.6 Blue	USP	16
66A401000	4	Monofilament Nylon 6.6 Blue	USP	16
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70A103000	1	Monofilament Nylon 6.6 Logwood Black	USP	16
70A153000	1.5	Monofilament Nylon 6.6 Logwood Black	USP	16
70A203000	2	Monofilament Nylon 6.6 Logwood Black	USP	16
70A302000	3	Monofilament Nylon 6.6 Logwood Black	USP	16
70A351000	3.5	Monofilament Nylon 6.6 Logwood Black	USP	16
70A401000	4	Monofilament Nylon 6.6 Logwood Black	USP	16
70A500500	5	Monofilament Nylon 6.6 Logwood Black	USP	16
71A071000	0.7	Monofilament Nylon 6.6 Natural	USP	16
71A103000	1	Monofilament Nylon 6.6 Natural	USP	16
71A153000	1.5	Monofilament Nylon 6.6 Natural	USP	16
71A203000	2	Monofilament Nylon 6.6 Natural	USP	16
71A302000	3	Monofilament Nylon 6.6 Natural	USP	16
71A351000	3.5	Monofilament Nylon 6.6 Natural	USP	16
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## CONTACT US

Customer ordering is by product code, please contact our Supply Chain Supervisor, Sharon Brammall, [Sharon.brammall@corza.com](mailto:Sharon.brammall@corza.com) or the customer service team on [PearsallsCustomerServices@corza.com](mailto: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 ([Shawn.tuff@corza.com](mailto:Shawn.tuff@corza.com) or [Alan.bagwell-slack@corza.com](mailto:Alan.bagwell-slack@corza.com))

You can also write to us or call us:

Pearsalls Ltd.

Tancred Street

Taunton

Somerset

TA1 1RY

United Kingdom

T: +44 (0)1823 253198

F: +44 (0)1823 336824



## Document Approvals for VV-QUAL-05472v11.0

Task: Approvers Approval Verdict: Approve changes & release Approval to be made Effective	Sharon Brammall, (sharon.brammall@corza.com) Approval 18-Dec-2023 07:48:06 GMT+0000
Task: Approvers Approval Verdict: Approve changes & release Approval to be made Effective	Yvonne Yeo, (yvonne.yeo@corza.com) Approval 18-Dec-2023 09:20:22 GMT+0000
Task: Approvers Approval Verdict: Approve changes & release Approval to be made Effective	Paul Thomas, (paul.thomas@corza.com) Approval 19-Dec-2023 06:18:59 GMT+0000
Task: QA Approval Verdict: Approve changes & release QA Approval to be made Effective	Chris Jonas, (Chris.Jonas@corza.com) Quality Assurance Approval 19-Dec-2023 13:22:56 GMT+0000