



Monofilament Nylon for MICROSUTURES (Sutron)

PRODUCT

Sutron Monofilament Nylon (Polyamide) has the advantage of surface smoothness and completely uniform diameter throughout the length of the suture thread. It is non-capillary and has excellent knot holding ability and is most compatible with body tissue.

PHYSICAL PROPERTIES

EP Metric Size	USP Size	Standard Diameter (mm)	Tensile Strength		Extension at Break (Note 3) %	Sales Unit (m/ reel)
			Standard Knot Pull (Note 1) (Kg) OR Knot Pull	Pearsalls Average Straight Pull (Note 2) (Kg)		
0.7	6/0	.070-.099	0.25	.33	20	10,000
1.0	5/0	.100-.149	0.5	.58	20	3,000
1.5	4/0	.150-.199	0.75	.95	25	3,000
2.0	3/0	.200-.249	1.20	1.55	30	3,000
2.5	-	.250-.299	1.40	2.60	30	2,000
3.0	2/0	.300-.349	1.80	3.00	30	2,000
3.5	1/0	.350-.399	2.70	4.30	30	1,000
4.0	1	.400-.499	3.40	5.00	30	1,000
5.0	2	.500-.599	4.40	7.00	30	500
6.0	3 + 4	.600-.699	6.10	10.00	30	500

NOTES

1. Standard knot pull tensile strength is as stated in the latest editions of the European Pharmacopoeia US Pharmacopoeia for non-absorbable sutures Class 1 – plus 25% for non-sterile sutures.
2. Pearsalls knot pull test is made with a simple knot.
3. Extension is the elongation of the material at break or rupture in a straight pull test expressed as a percentage of the original length.

MATERIALS

Monofilament Polyamide Nylon 6 (Polycaprolactum)

Pigment CI 74160 C1 Pigment Blue 15 Irgalite Blue BLP (Ciba Geigy).
Formula – Phthalocyanine Blue.

SUPPLY PACKAGES

On large reels containing up to 3,000 metres (see Physical Properties).

COATINGS

There is no finish. Sutron is non-capillary.

BATCH NUMBERING

All reels are marked with a batch number which identifies the date of production, materials used and details of Quality Control tests. Records of dispatches of each batch are maintained so that recall of individual batches can be effected in accordance with Good Manufacturing Practice.

QUALITY

Pearsalls Ltd quality system conforms to ISO 9001 2000. We are audited twice a year to



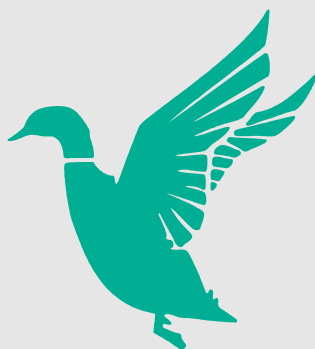
ensure that we continue to meet the highest standards that can be achieved. Our notified body is SGS Yarsley. Certificates of conformity which show the test results obtained by Quality our Control Department are supplied with every batch or lot in a shipment.

GOOD MANUFACTURING PRACTISE

Pearsalls Sutures have introduced FDA Good Manufacturing Practice into all aspects of production and quality control. These procedures include the maintenance of detailed batch records, control of processes and procedure, staff training and a controlled production environment.

INTERNATIONAL STANDARDS

The products of Pearsalls sutures are designed and inspected to comply with the latest editions of both the European Pharmacopoeia and United States Pharmacopoeia.



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