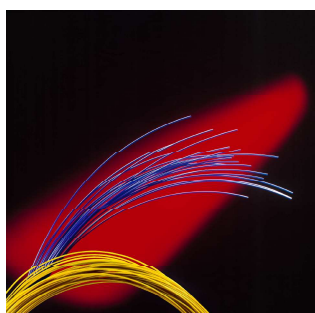
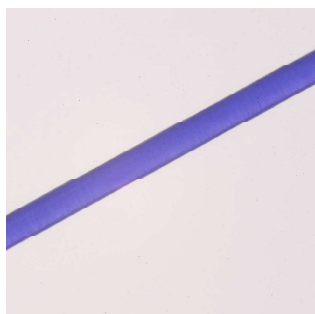
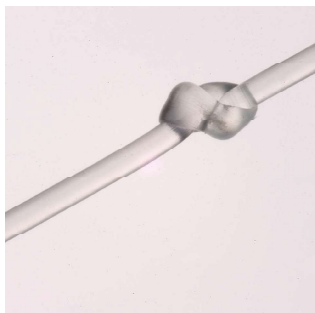
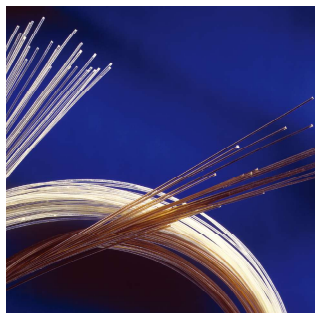


DYNEK
MANUFACTURING
Surgical Excellence
Since 1974



PRODUCT OVERVIEW

Dynek is committed, through ongoing research and development, to be a world leader in the supply of superior quality products that deliver long-term benefits to its most critical customers – the surgeons and their patients.



Dynek

Australian-owned Dynek is a world leader in the manufacture of premium quality surgical sutures. Produced at our state-of-the-art manufacturing facility in Adelaide since 1974, our sutures are exported to over 50 countries.

Dynek's close relationship with medical professionals, coupled with a meticulous research and development program, has ensured that Dynek enjoys an exceptional reputation for innovative products and that the Dynek name remains synonymous with some of the world's most technologically advanced surgical products.

The company's current range comprises some 2500 single use absorbable and non-absorbable sutures.

Dynek's Accreditation

Dynek's use of the CE Mark on its products symbolises that Dynek products satisfy the requirements of the European Union Directive 93/42/EEC "Concerning medical devices".

Dynek products meet the Conformity Assessment requirements for listing on the Australian Register of Therapeutic Goods (ARTG).

The company has attained accreditation to ISO 13485:2003 "Medical devices – Quality management systems – Requirements for regulatory purposes."

Dynek is a Department of Agriculture & Water Resources (DAWR)-audited Approved Arrangement for the purposes of manufacture of surgical catgut sutures.

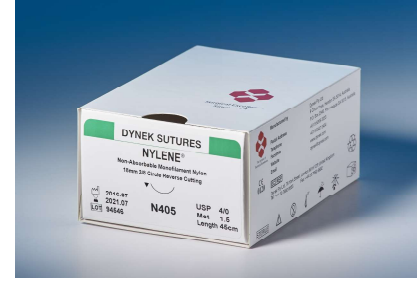
Customers can be confident that all biological materials used by Dynek are free from contamination. Regular audits by all accreditation agencies ensure that there is no compromise on quality for you and your patients.

Important

Dynek sutures are single use only devices and should not be re-sterilised. The information contained in this literature is intended as a guide only.

The final decision on suture selection and subsequent use remains the responsibility of the trained Medical Professionals. Dynek research and development leads to continuous improvement and therefore, Dynek reserves the right to make changes to product specifications without notice.

Under the International Standards ALL SUTURES ARE CLASSIFIED according to use: Please read the instructions for use contained in all boxes of sutures to ensure you are using the correct classification for your procedures.



Packaging

Understanding the importance of suture labelling, Dynek has developed an easy-to-use system that adheres to the internationally accepted colour coding and allows for easy transition to Dynek sutures. The Dynek primary foil pack is presented inside a peel package to allow for placement onto the sterile field, the foil pack is quick and efficient to open. Dynek sutures are supplied in a box of 36 (and box of 12 for Export) and are manufactured with a 5 year expiry with the exception of the synthetic absorbable range which has a 3 year expiry. The expiry date is clearly marked on the individual foil pack and the outer box. Lot numbers are clearly visible on the individual foil pack and outer box ensuring full traceability of the product throughout your organisation.

Interpreting Code Numbering

Thread Size: USP 5/0

Needle Type: Metric 1

Length of Thread: Length 45cm

Lot No: LOT 90947

Single use only: [Symbol]

Expiry Date: 2017.06

Code: N504

Material: Nylene® Monofilament Nylon 16mm 3/8 Circle Reverse Cutting

Manufacturer: Dynek Pty Ltd, Australia

Other symbols: [STERILE R], [CE 0120], [STERILE EO]

Annotations:

- A. Refers to the Suture Material
- B. Suture Size USP
- C. Needle Number in Catalogue
- Lift and tear across arrow
- Expiry Date

With many different types of sutures to choose from, code numbering is an increasingly important requirement for stock control. The Dynek policy is to ensure that all codes are kept simple, and all are easy to understand.

As such, Dynek codes convey three pieces of information:

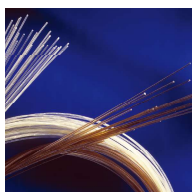
- A The first letter(s) refer to the material
- B The next number(s) refer to the USP thread size
- C The final number(s) refer to the needle number

Interpreting Symbols

- [LOT] - refers to the batch number and allows traceability
- [M] - date of manufacture
- [H] - expiry date
- [STERILE R] - product is sterilised by Gamma irradiation
- [STERILE EO] - product is sterilised by Ethylene Oxide
- [A] - instructions for use enclosed/Warnings
- [S] - single use only
- [T] - storage temperature
- [U] - do not get wet
- [SUN] - keep out of direct sunlight
- [36] - box quantity
- [12] - box quantity

Important: All Dynek sutures are single use only devices and should not be re-sterilised.

Absorbable Suture Materials



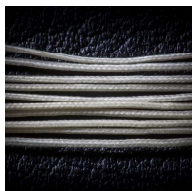
Surgical Catgut

Dyneke's surgical catgut is classified as BSE negligible risk as per the classification of the World Organisation for Animal Health (OIE) and made from the intestinal serosa of cattle. The specialised spinning and grinding process creates a strand of uniform diameter that is further polished to achieve maximum smoothness and deliver reliability and strength. It is available in Plain and Chromic so that surgeons can choose the absorption rate they require. The chromic catgut is chromicised before it is spun thus ensuring an even absorption rate.

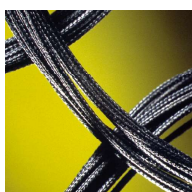


Biovek®

Biovek® is a braided coated polyglycolide synthetic absorbable suture providing the surgeon with an easy-to-use material and a choice of dyed (violet) or undyed (beige) thread to suit the procedure. Biovek® provides the wound with optimum support during the healing process retaining 70% of tensile strength during the critical 14 day period reducing to 10% tensile strength at 28 days.

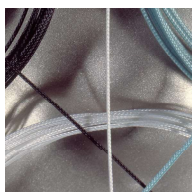


Non-Absorbable – Braided



Dysilk®

The individual filaments of the highest quality silk are specially treated and braided to give good handling properties to this product. This advanced braiding technology allows for special knotting techniques. It never becomes hard or difficult to handle but ties down with a high degree of knot security.



Dyflex®, Polyflex®, Teflex®

Available in a choice of green, black or white the braided polyester sutures are silicone treated to minimize tissue reaction. Minimal stretch and maintaining tensile strength in situ makes braided polyester sutures a popular choice.

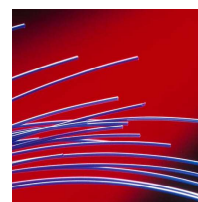
©Trademark of Dyneke Pty Ltd.

PLEASE NOTE: We do not recommend that these sutures are dipped, soaked or run through any solutions. Once it is removed from the packet it should be used or discarded. For further information please contact us by phone or fax.

Non-Absorbable – Synthetic – Monofilament

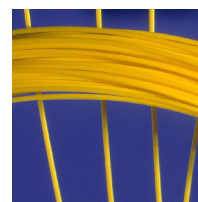
Vilene®

A blue monofilament of Polyvinylidene Fluoride (PVDF), Vilene® is non-absorbable and physiologically inert. Its high tensile strength and low elongation ensure excellent handling and knotting properties. Sterilised by gamma irradiation, this smooth, fray-free and supple product is suitable for all procedures where polypropylene monofilaments are used, in particular in cardiovascular surgery.



Radene®

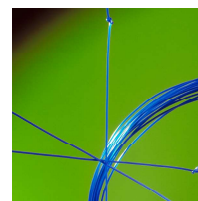
A yellow monofilament of PVDF, Radene® provides the surgeons with the same performance characteristics as Vilene® and the benefits of a yellow colour where a greater contrast is required.



Dyloc®

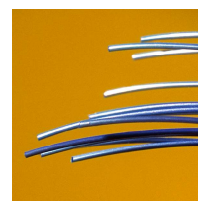
Dyloc® is a monofilament of a thermoplastic Polyether-ester elastomer. With qualities such as softness, pliability, excellent tying and elastic properties and good tensile strength, it is the ideal suture for the discerning surgeon. It ties very much like silk as the stretch in the suture gives excellent knot security.

Care should be taken when using Dyloc® as a subcuticular suture due to the elasticity of the material.



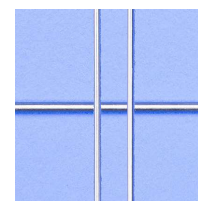
Nylene®

Nylene® is a monofilament of Nylon (polyamide) and is a pliable, smooth and easy-to-handle material. Nylene® offers the advantage of surface smoothness and completely uniform diameter throughout the length of the suture thread, while its excellent knot holding ability effects minimal tissue reaction. Furthermore, having been extruded through a diamond die into a single monofilament strand, it boasts high tensile strength.



Dycrom®

Dycrom® is a monofilament of stainless steel and provides the most tensile strength of all Dynek's sutures for its equivalent size. It is ductile and pliable and resistant to breakage during tightening and twisting. Due to compatibility with tissue there is minimal acute inflammatory reaction.



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PLEASE NOTE: We do not recommend that these sutures are dipped, soaked or run through any solutions. Once it is removed from the packet it should be used or discarded. For further information please contact us by phone or fax.

Needle Specifications – Types and Suggested Uses

A-CUTE® TAPER

Flat-shanked round-bodied needle constructed from a new series stainless steel, with an especially sharp cutting tip that allows for easier penetration through hardened or calcified tissue. The needle is frequently used in cardiovascular and dental surgery.

FINELINE®

A flat-shanked plastic surgery needle designed for increased stability in the needle holder to permit accurate placement through the tissue. The conventional cutting point produces an excellent result in cosmetic surgery.

PREMIUM REVERSE CUTTING POINT

A special hand-finished extremely sharp reverse cutting needle designed for delicate tissue and ideal for plastic surgery.

BLUNT POINT

A range of blunt point needles are available for intestinal (liver) surgery.

REVERSE CUTTING

A triangular reverse cutting needle, it is strong, retains its sharpness and is considerably more resistant to bending than the standard conventional needle.

CONVENTIONAL

A triangular cutting needle with the third cutting edge on its inside apex.

LANCET-SPATULA

This square shanked, side cutting needle offers extra sharpness and penetration, and is commonly used in ophthalmic surgery.

SPECIAL CUTTING POINT (K-TANA®)

A superior flat cutting edge profile with super sharp, super strong and superior penetration, and ideal for plastic and dermatology procedure. Specifically designed to minimise scarring for a superior clinical result.

ROUND BODIED

This flat-shanked round-bodied taper needle is ideal for soft, easily penetrated tissues.

SILICONISED

The majority of cutting needles are silicone treated to increase penetration.

CV300

Dynek's world leading CV300 needles for cardiovascular surgery have been developed to achieve extra penetration and a high bending resistance yet flexible when bent.

Important: As the range of needles is continually expanding, if the needle you require is not listed, please ask a Dynek suture consultant.

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Popular Codes and Needle Selection Chart

NEEDLE No. LENGTH CURVATURE PROFILE	REVERSE CUTTING NEEDLES (3/8 Circle Reverse Cutting)				FINELINE® CUTTING NEEDLES (3/8 Circle Conventional Cutting)		PREMIUM CUTTING POINT NEEDLES (PCP) 3/8 Circle Reverse Cutting PCP			A-CUTE® TAPER NEEDLES (1/2 Circle)
	2 12mm 	4 16mm 	5 18mm 	6 24mm 	25 16mm 	27 25mm 	2D 11mm 	49 13mm 	24 16mm 	32 25mm 
Dysilk® - Black Braided Treated Silk (Non-absorbable)										
6/0 45cm	S602	S604	S605				S602D			
5/0 45cm	S502	S504	S505			S5027		S5024		
	76cm	S1504								
4/0 45cm	S402	S404	S405	S406		S4027				
	76cm	S1404	S1405							
3/0 45cm		S304	S305	S306						S3032Z
	76cm	S1304	S1305	S1306						
2/0 45cm		S204		S206						
Nylene® - Monofilament Nylon (Non-absorbable)										
6/0 45cm	N602	N604	N605				N602D	N6049	N6024	
5/0 45cm	N502	N504	N505		N5025			N5049	N5024	
	76cm	N1504	N1505							
4/0 45cm		N404	N405	N406	N4025				N4024	
	76cm	N1404	N1405	N1406						
3/0 45cm		N304	N305	N306						
	76cm	N1304	N1305	N1306						
2/0 45cm				N206						
Dyloc® - Monofilament Polyether-ester (Non-absorbable)										
6/0 45cm	D602	D604	D605				D602D			
5/0 45cm	D502	D504	D505		D5025					
4/0 45cm	D402	D404	D405							
3/0 45cm		D304	D305	D306						
2/0 45cm				D206						
Vilene® - Monofilament Polyvinylidene Fluoride (PVDF) (Non-absorbable)										
6/0 45cm		V604					V602D	V6049	V6024	
5/0 45cm	V502	V504	V505		V5025			V5049	V5024	
4/0 45cm			V405	V406						
3/0 45cm			V305	V306						
Chromic Surgical Gut (Absorbable)										
6/0 50cm	CG602						CG602D			
5/0 50cm							CG502D		CG5024	
4/0 50cm		CG404	CG405							
3/0 50cm			CG305	CG306						
	76cm		CG1305	CG1306						
2/0 50cm				CG206						
Plain Surgical Gut (Absorbable)										
6/0 50cm							PG602D			
5/0 50cm	PG502	PG504					PG502D			
4/0 50cm		PG404	PG405						PG4024	
	76cm	PG1404								
3/0 50cm		PG304	PG305	PG306						PG3032Z
	76cm		PG1305							
2/0 50cm				PG206						
	76cm			PG1206						
Biovek® - Coated Braided Polyglycolide (Absorbable)										
6/0 45cm							NAB602DC			
5/0 45cm								NAB5049C		
	76cm		NAB1505C							
4/0 76cm			NAB1405C	NAB1406C						
3/0 45cm			NAB305							
	76cm		NAB1305C	NAB1306C						
2/0 76cm				NAB1206C						

** All needle dimensions are on actual sizes. For full product range, refer to Dynek's catalogue and available on Dynek website, **



DYNEK
MANUFACTURING
Surgical Excellence
Since 1974

At Your Service

The Dynek team of suture consultants is on hand to assist with your every need, from quotes, order placement and special product requests, to product questions and regulatory information.

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EMAIL: sales@dynek.com

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