



DYNEEK

Premium Quality
AUSTRALIAN SUTURES





Premium quality sutures manufactured in Australia and exported around the world. Our skilled technicians hand make a broad range of absorbable and non-absorbable sutures for all medical and surgical customer bases.

Dynek is a leading, family owned manufacturer of sutures, committed to technical and surgical excellence.

Established in 1974, Dynek has a proud history of innovation and quality, as the only Australian manufacturer of sutures.

Working from our dedicated clean room facilities in Adelaide, South Australia, our team of highly skilled technicians hand-swage, wind and package a broad range of premium quality, absorbable and non-absorbable sutures that not only comply with, but often exceed the strict regulatory and legal standards relevant to each location where Dynek sutures are sold.

We export globally to over sixty countries, where our sutures are supplied to hospitals, day surgeries, dental clinics, skin cancer clinics, GPs, vets, government agencies and humanitarian agencies.

Our singular focus and understanding of the unique needs of the medical profession are the foundations of customer-centred and consultative relationships we foster with our customers in Australia and around the world. These relationships, along with the excellence of our products, are the key to our reputation as a world class manufacturer and supplier of surgical products.

When purchasing sutures, for excellent patient outcomes, insist on the technical quality and surgical excellence of Australian made Dynek sutures.



Head Office & Manufacturing
Adelaide, South Australia

Our product range

Biovek®

**Synthetic
Absorbable**

Dyed (violet) or undyed (beige) braided multifilament coated polyglycolide (PGA)

Features

- Coated for consistent and uniform absorption through hydrolysis
- Finer braid for smoother passage and minimal tissue trauma
- Optimum wound support, superior knotting

Tensile Strength	70%	35%
Days	14	21
Complete Absorption	60 - 90 days	



Dyed (violet)



Undyed (beige)

Monovek®

**Synthetic
Absorbable**

Dyed (violet) monofilament polydioxanone (PDO)

Features

- Consistent and uniform absorption through hydrolysis
- Smooth passage and minimal tissue trauma
- Optimum wound support, superior knotting

Tensile Strength	75%	65%	50%
Days	14	28	49
Complete Absorption	6 months		



Dyed (violet)

Surgical Catgut

**Natural
Absorbable**

Monofilament plain and chromic catgut

Features

- Perfectly smooth and uniform throughout for knot run-down and optimal tensile strength
- Manufactured from regulatory approved intestinal serosa of cattle
- Absorption through enzyme digestion:

Plain	7 to 10 days
Chromic	20 to 40 days



Plain (beige)



Chromic (brown)

Dyloc®

**Synthetic
Non-absorbable**

Blue monofilament polyether-ester elastomer (polyester)

Features

- Smooth, supple, soft, pliable, with low memory
- Exceptional tying, elastic, handling and knotting properties
- High tensile strength *in situ*
- Softens in the mouth
- Can be used as a subcuticular suture or interrupted suture
- Potential substitute for silk sutures



Blue

Nylene®

Synthetic
Non-absorbable

Blue monofilament
polyamide (Nylon)

Features

- Physiologically inert, minimal tissue reaction
- Soft and pliable, perfectly smooth and uniform throughout
- High tensile strength with excellent handling and knotting properties



Blue

Vilene®

Synthetic
Non-absorbable

Blue monofilament
polyvinylidene fluoride
(PVDF)

Features

- Suitable for all procedures where polypropylene monofilaments are used
- Physiologically inert, high tensile strength *in situ*
- Smooth, fray-free, supple with excellent handling and knotting properties
- Low elongation, low memory
- Analogue of PTFE and EPTFE



Blue

Radene®

Synthetic
Non-absorbable

Yellow monofilament
polyvinylidene fluoride
(PVDF)

Features

- Physiologically inert, high tensile strength *in situ*
- Smooth, fray-free, supple with excellent handling and knotting properties
- Low elongation, low memory
- Excellent colour contrast and visibility
- Analogue of PTFE and EPTFE



Yellow

Dysilk®

Natural
Non-absorbable

Black braided
multifilament silk

Features

- Excellent handling and tying properties
- High degree of knot security



Black

Dyflex® Polyflex® Teflex®

Synthetic
Non-absorbable

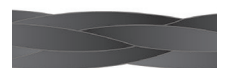
Green, black or white
braided multifilament
coated polyester

Features

- Silicone treated to minimise tissue reaction
- Minimal stretch maintaining tensile strength



Dyflex® (green)



Polyflex® (black)



Teflex® (white)

Our sutures in detail

Available Suture Material and USP Sizes

✓ Available

☐ Contact us

	Material	Construct	Brand	Colour	8/0	7/0	6/0	5/0	4/0	3/0	2/0	0	1	2	3+4	5	
Absorbable	PGA	Braided	Biovek®	Violet	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		Braided	Biovek®	Beige			✓	✓	✓	✓	✓	✓	✓	✓			
	PDO	Monofilament	Monovek®	Violet			✓	✓	✓	✓	✓	✓	✓	✓			
	Catgut	Monofilament	Plain Gut	Beige			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Catgut	Monofilament	Chromic Gut	Brown			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Non-absorbable	Polyester	Monofilament	Dyloc®	Blue			✓	✓	✓	✓	✓	✓	✓				
	Nylon	Monofilament	Nylene®	Blue			✓	✓	✓	✓	✓	✓	✓				
	PVDF	Monofilament	Vilene®	Blue		✓	✓	✓	✓	✓	✓	✓	✓	✓			
	PVDF	Monofilament	Radene®	Yellow		✓	✓	✓	✓	✓	✓						
	Silk	Braided	Dysilk®	Black			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Polyester	Braided	Dyflex®	Green			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Braided	Polyflex®	Black			✓	✓	✓	✓	✓	✓	✓	✓	✓		
Braided		Teflex®	White				✓	✓	✓	✓	✓	✓	✓	✓	✓		

Example standard lengths (depending on material): 45cm, 50cm, 76cm, 90cm, 100cm, sterile pre-cut lengths

Available Cutting Needles

✓ Available in most USP sizes

☐ Contact us

Length (mm)	Reverse Cutting		Reverse Premium Cutting		Conventional Cutting		Fineline® Cutting	Straight Cutting	K-TANA® Special
	▼		▣		▲		▣	▼	▣
	3/8	1/2	3/8	1/2	3/8	1/2	3/8	N/A	3/8
10	✓								
11			✓		✓				
12	✓				✓		✓		
13	✓	✓	✓		✓	✓		✓	✓
16		✓	✓		✓	✓	✓		✓
18		✓		✓					✓
19			✓		✓				
20	✓	✓	✓	✓			✓		
22	✓	✓				✓			
24			✓		✓				
25		✓				✓	✓		
26			✓		✓	✓			
28	✓								
30		✓	✓						
35	✓	✓							
40	✓	✓			✓	✓			
45	✓					✓			
48		✓				✓			
55		✓							
60	✓	✓			✓			✓	
90					✓				

If material or needle is not shown, please contact us.



All Dynek sutures have an up to five-year shelf life.

Available Round Bodied Needles

✓ Available in most USP sizes Contact us

Length (mm)	Taper		Cutting Tip A-CUTE®		Blunt Point
	●		▼		⌋
	3/8	1/2	3/8	1/2	1/2
10	✓	✓	✓		
13	✓	✓	✓	✓	
16	✓	✓	✓	✓	
18	✓	✓	✓	✓	
20	✓	✓	✓	✓	
22	✓	✓			
25	✓	✓	✓	✓	
30	✓	✓		✓	✓
35	✓	✓		✓	✓
40	✓	✓		✓	✓
45	✓	✓		✓	✓
48	✓	✓		✓	✓
50	✓			✓	
55	✓	✓	✓	✓	
65	✓	✓			✓
70		✓			✓



Micro Needles*

✓ Available Contact us

Length (mm)	Cutting Needles					Round Bodied Needles	
	Reverse Cutting		Lancet Spatula			Taper	
	▼		◀▶			●	
	3/8	1/2	1/4	3/8	1/2	3/8	1/2
6				✓	✓	✓	
6.4	✓			✓	✓	✓	
8	✓		✓	✓	✓	✓	✓
8.5			✓				
9.5						✓	

* Currently only available as a Biovek® (PGA) suture.

Other Available Needles

For fish hook (J-shaped), non-reflective (black needle), loop sutures, or heavy needles, please contact us.

Ready to order?

Ordering is easy:

- Tell us what you need:
 - Material, USP size, and thread length.
 - Needle type and size.

OR

- Tell us what you're currently using (e.g. product code).

Available through:



1800 025 300
dentalsales@gunz.com.au

QA: BE079-GZD/1 06/2022



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1800 025 300

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www.gunz.com.au

