



National Veterinary Services



# Product Catalogue

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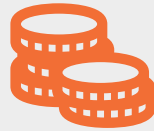
# Why choose **Q-close**<sup>®</sup>

A **simple** approach for sustainable change



## 1st for quality and cost effectiveness

Positioned ahead of the current market leaders on the largest NHS framework. Q-close meets all requirements set out by USP standards.



## Significant savings

Providing customers with a significant saving on current suture spend with no hidden costs. Generating instant sustainable savings. No price increases since 2016.



## Clinically proven

1000s of successful evaluations with average clinical acceptability rating of 93%. 90% of feedback rates Q-close as good or very good compared to current product.



## Recognisable product

Our familiar suture polymers, product codes and packaging makes it easier for customers to manage the change.



## Portfolio management

From digital code matching tools to inventory streamlining. Q-close take the difficulty out of making sutures savings.



## Expert team

Our highly trained wound closure specialist team support at every step and provide ongoing training to staff.

# Hello, we are **Q-close**<sup>®</sup>

And we like to keep it **simple**

We are here to ensure that you have reliable access to quality sutures that support you in theatre while also supporting your requirements to make sustainable savings.



## **We will support you**

Making it easy for you from evaluation, into implementation, and beyond



## **We will help facilitate sustainable change**

An expert team delivering you a sustainable reduction on wound closure product spend



## **We will deliver quality products**

Uncompromising product quality for reliable clinical outcomes

# We will make it **simple** for you

There is a common misconception that swapping suture supplier to make savings is both complex and non-sustainable. However, at Q-close, we make it easy for you.

### **Stakeholder management and involvement**

We ensure that all key clinical and non-clinical stakeholders are involved from the very beginning. This provides them the opportunity to contribute expert opinion and build performance metrics for the evaluation process that are meaningful to, and achievable for, your organisation.

### **Digital tools for easy data management**

We have a unique suite of digital tools designed to make an evaluation process as easy as possible. From comprehensive one-click code matching using our unique Expert database, to extrapolation of evaluation data into meaningful information for you using our online evaluation database.

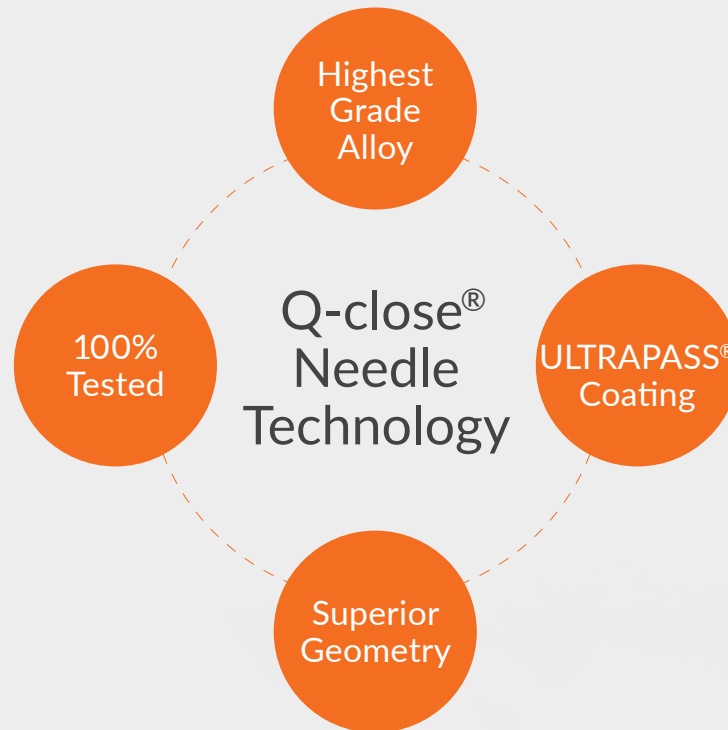
### **Everything we do is designed to be simple**

From the way we name, code and package our products, to our approach to building an evaluation process that suits you, everything about Q-close is designed to be simple and take the pain out of making savings.

# Q-close Needles

## We are part of the Healthium Group

Healthium are a global manufacturer that specialises in the manufacturing and marketing of medical devices and healthcare solutions. Healthium offer an impressive portfolio of quality wound closure products and produces 1 in 6 of the needles used in operations worldwide. The Q-close needles are therefore built on a strong history and expertise within the wound closure market.



### Highest Grade Alloy

All of our needles are manufactured with bend-resistant 300 Series stainless steel making them the strongest needles possible, and offering greater control and precision during surgery.

### ULTRAPASS® Coating

Every needle in the Q-close suture range is coated with ULTRAPASS, a unique formulation of medical grade silicone. ULTRAPASS needles are designed so that the needle penetrates easily and consistently during repeated passage through tissue, thereby reducing force required and minimising tissue trauma.

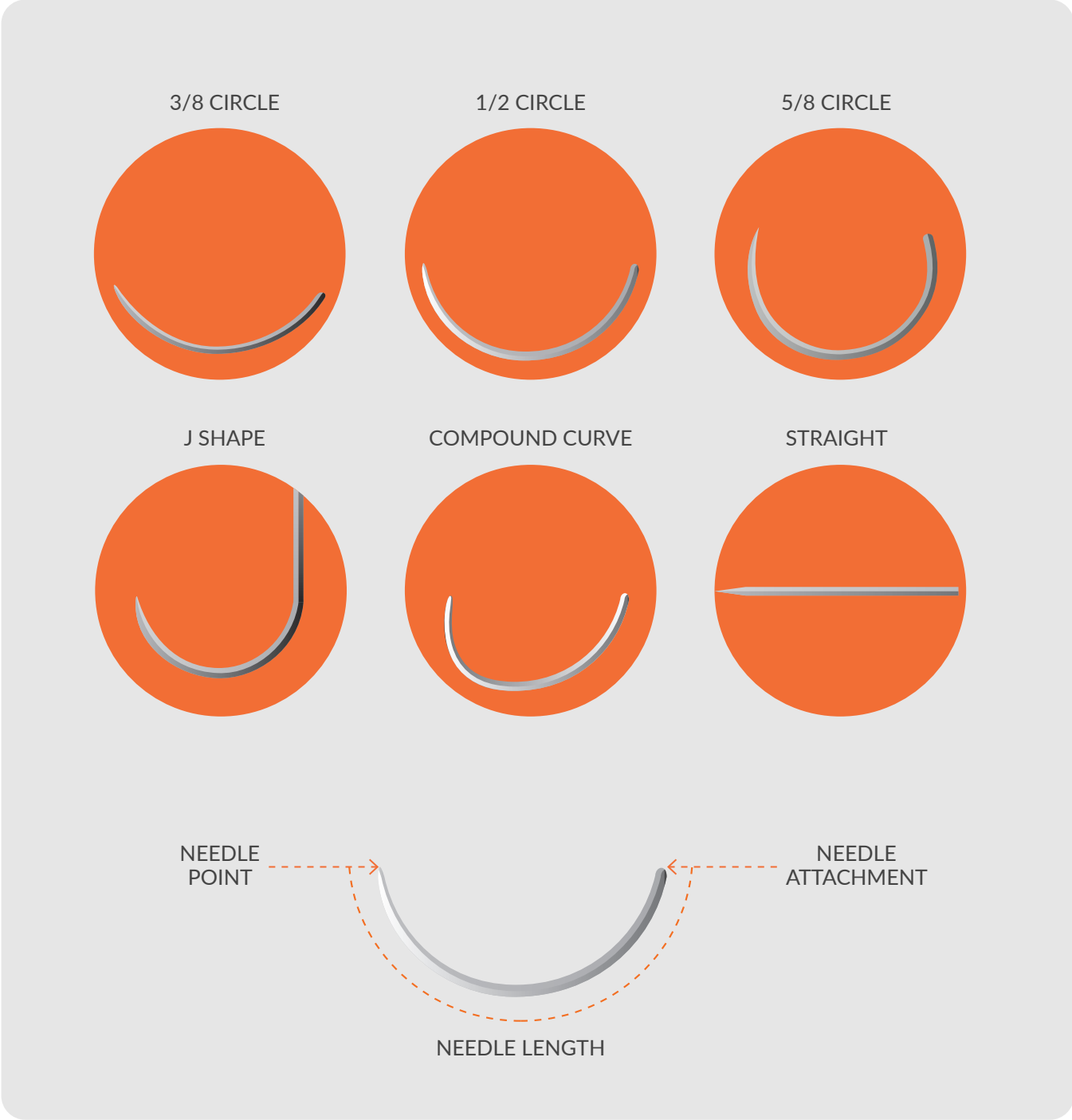


### Superior Geometry

Q-close needles are manufactured with square-body geometry wherever possible in order to provide additional strength, and increased stability in the needle holder.

# Needle Curvature

Needle curvature is important in relation to how easy it is to reach the tissue being sutured. For example, tissue in deep and confined spaces will require a greater curvature to assist the clinician in getting the required access. Q-close needles come in a range of shapes to support clinical need.



# Needle Points

## Blunt Tip

Q-close Blunt Tip needles are designed for safety. Their design enables penetration of tough tissue but not skin, and as such our Blunt Tip needles reduce the risk of glove puncture and needlestick injury. The Blunt Tip of these needles dissect rather than cut tissue, also making them ideal for suturing friable tissue, such as the liver or kidneys.

## Taper Point

Q-close Taper Point needles gradually taper from the body of the needle to form a sharp point. This profile allows for gentle and easy separation of fibrous tissues, and minimises tissue trauma. Q-close Taper Point needles are also available as Black needles where enhanced visibility is required against tissue or blood.

## Taper Cutting

Q-close Taper Cutting needles taper from the body and end with a short cutting tip. This design gives greater initial penetration through tougher tissues, whilst minimising tissue trauma in the same manner as a Taper Point needle.

## Trocar Point

Q-close Trocar Point needles have a strong cutting head which allows for powerful penetration in tough tissues. The edges of the needle tip are sharpened to enable a cutting action, with the smallest hole possible in order to minimise tissue trauma.

## Reverse Cutting

Q-close Reverse Cutting needles have a triangular cross section with the cutting edge on the outside edge of the needle curve, which gives the needle greater strength and resistance to bending.

Q-close PRECISION Reverse Cutting needles have a thinner, sharper tip giving greater penetration and precise control in surgery.

## Conventional Cutting

Q-close Conventional Cutting needles have a triangular cross section with the cutting edge on the inside edge of the needle curve.

Q-close PRECISION Conventional Cutting needles have a thinner, sharper tip giving greater penetration and precise control in surgery.







# Q-close Suture Materials



## MULTIFILAMENT

For easy handling and secure knot tying



## COATED

For smooth passage through tissue and easy knot tie



## MONOFILAMENT

For smooth passage through tissue



## ABSORBABLE

**Q-close®  
Synth  
Fast**



**Q-close®  
Synth**



## ABSORBABLE

**Q-close®  
Mono**

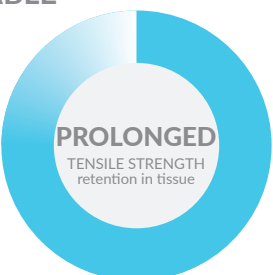


**Q-close®  
PDsynth**



## NON-ABSORBABLE

**Q-close®  
Silk**

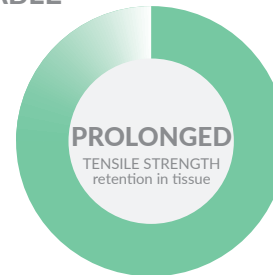


**Q-close®  
Bond**



## NON-ABSORBABLE

**Q-close®  
Nylon**



**Q-close®  
PolyP**



# Q-close<sup>®</sup> Synth Fast

ABSORBABLE SURGICAL  
SUTURE BRAIDED AND  
COATED POLYGLACTIN 910



<b>Material polymer</b>	<b>Polyglactin 910 (90% glycolide and 10% lactide)</b>	
<b>Structure</b>	Multifilament, braided	
<b>Suture type</b>	Synthetic, Absorbable	
<b>Coating</b>	Polyglactin 370 (30% glycolide and 70% lactide) and calcium stearate	
<b>Colour</b>	Undyed	
<b>Gauge sizes available</b>	U.S.P. 6/0 to 0 (Metric 0.7 to 3.5)	
<b>Tensile strength retention</b>	Days post implantation: - 7 days - 14 days - 21 days	Approximate % of tensile strength retained: - 53% - 14% - All strength lost with 21 days
<b>Mass absorption</b>	By hydrolysis. Absorption is essentially complete approximately between 28 to 42 days.	
<b>Sterilisation method</b>	Ethylene oxide	
<b>Indications</b>	Q-close Synth Fast is indicated for use in general soft tissue approximation where only short term wound support is required and where rapid absorption of the suture would be beneficial. Due to the rapid absorption profile, Q-close Synth Fast is useful for skin closure, particularly in paediatric surgery, episiotomies, circumcision and closure of oral mucosa.	

**ABSORBABLE**

**MULTIFILAMENT**  
For easy handling and secure knot tying

**COATED**  
For smooth passage through tissue and easy knot tie



## Q-close SynthFast

Rapid loss of strength is achieved with a lower molecular weight than regular Polyglactin 910.

Indicated for use in general soft tissue approximation where only short-term support is required.

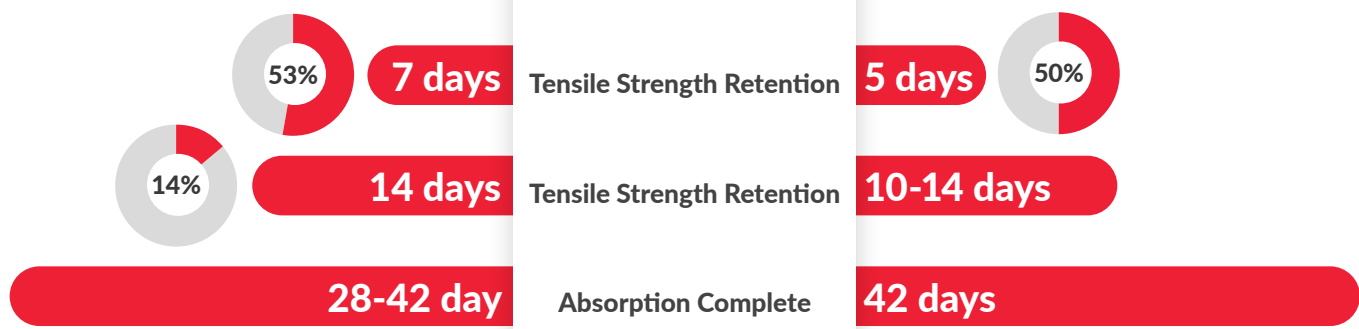
Copolymer  
**Polyglactin 910**  
(90% glycolide and 10% lactide)






### COMPARED TO




## Supplier A



Rapid loss of strength is achieved by the use of a polymer material with a lower molecular weight than regular Polyglactin 910 suture.

Intended for use in soft tissue approximation where only short term wound support is required and where the rapid absorption of the suture would be beneficial.











 1/2 Circle Taper Point	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)
	17mm	75cm	Undyed		QSF969U*				
	22mm	75cm	Undyed				QSF974U		
	31mm	75cm	Undyed					QSF975U	
	40mm	90cm	Undyed						QSF977U


 1/2 Circle Taper Cutting	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)
	35mm	90cm	Undyed					QSF962U	QSF963U
		120cm	Undyed					QSF948U	
	40mm	90cm	Undyed					QSF946U	
		45mm	90cm	Undyed				QSF945U	


 5/8 Circle Taper Cutting	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)
	17mm	75cm	Undyed			QSF928U			


\*These product may have a longer lead time


▼ 3/8 Circle Reverse Cutting PRECISION	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)
	11mm	45cm	Undyed	<b>931895</b> QSF913U	<b>931901</b> QSF915U				
	13mm	45cm	Undyed		QSF430U				
	19mm	75cm	Undyed			<b>932012</b> QSF922U	<b>931925</b> QSF923U		
	26mm	75cm	Undyed				<b>931962</b> QSF932U	<b>931974</b> QSF933U	
	36mm	75cm	Undyed					QSF938U	




▼ 3/8 Circle Reverse Cutting	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)
	16mm	75cm	Undyed		QSF296U				
	19mm	45cm	Undyed			QSF930U			
		75cm	Undyed				<b>931950</b> QSF931U		
	26mm	75cm	Undyed				QSF940U	<b>931998</b> QSF941U	

▲ 3/8 Circle Conventional Cutting PRECISION	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)
	16mm	75cm	Undyed			<b>931913</b> QSF918U	QSF919U		

▲ 3/8 Circle Conventional Cutting	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)
	16mm	75cm	Undyed				<b>931937</b> QSF924U	<b>931949</b> QSF925U	

▲ 1/2 Circle Conventional Cutting	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)
	22mm	45cm	Undyed				<b>931986</b> QSF935U		

▲ 5/8 Circle Conventional Cutting	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)
	26mm	75cm	Undyed				QSF929U		

▲ Straight Cutting	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)
	13mm	45cm	Undyed			QSF909U			
	45mm	45cm	Undyed			QSF939U			
	60mm	75cm	Undyed				QSF943U	QSF944U	

Non-Needled	
150cm Undyed lengths	
2-0 (Metric 3.0)	QSF025U

\*These product may have a longer lead time

# Q-close<sup>®</sup> Mono

ABSORBABLE SURGICAL  
SUTURE MONOFILAMENT  
POLIGLECAPRONE 25



Material polymer	Poliglecaprone 25 (copolymer of glycolide and caprolactone)	
Structure	Monofilament	
Suture type	Synthetic, Absorbable	
Colour	Violet or Undyed	
Gauge sizes available	U.S.P. 5/0 to 2 (Metric 1.0 to 5.0)	
Tensile strength retention	Days post implantation: - 7 days - 14 days	Approximate % of tensile strength retained: - 68-79% - 39-41%
Mass absorption	By hydrolysis. Absorption is essentially complete approximately in 90 days.	
Sterilisation method	Ethylene oxide	
Indications	Q-close Mono sutures are indicated for use in general soft tissue approximation.	

**ABSORBABLE**

**MONOFILAMENT**  
For smooth passage through tissue



## Q-close Mono

Indicated for use in general soft tissue approximation and/or ligation.

## Poliglecaprone 25



(copolymer of glycolide and caprolactone)





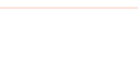




**COMPARED TO**



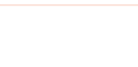
## Supplier A

Indicated for use in general soft tissue approximation and/or ligation.










 3/8 Circle Taper Point	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)
	17mm	75cm	Violet			<b>930891</b> QM548				


 1/2 Circle Taper Point	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)
	17mm	75cm	Violet			<b>930775</b> QM435	<b>930830</b> QM437			
	22mm	75cm	Violet			<b>930921</b> QM660	<b>930933</b> QM661	QM662*		
	26mm	75cm	Violet				<b>930842</b> QM447	<b>930854</b> QM448		
	26mm Black	75cm	Violet				<b>930945</b> QM664	QM665		
	30mm	75cm	Undyed					QM431U*		
		75cm	Violet				<b>930799</b> QM200	QM441	QM442	
	36mm	75cm	Violet					QM463*		
	40mm Heavy Wire	75cm	Violet						QM758*	QM759*
	45mm Heavy Wire	90cm	Violet							QM727*


 1/2 Circle Taper Cutting	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)
	26mm	75cm	Undyed				<b>930751</b> QM439U	<b>930714</b> QM432U		
	36mm	75cm	Violet					<b>930866</b> QM488	<b>930878</b> QM489*	

\*These product may have a longer lead time

▼ 3/8 Circle Reverse Cutting PRECISION	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)
	13mm	45cm	Undyed		<b>930647</b> QM203U					
	16mm	45cm	Undyed		QM204U	<b>930672</b> QM205U				
	19mm	45cm	Undyed			<b>932000</b> QM206U	<b>930660</b> QM207U			
	26mm	75cm	Undyed			QM212U	<b>930763</b> QM213U			

▼ 3/8 Circle Reverse Cutting	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)
	16mm	45cm	Undyed		<b>930829</b> QM221U					
	19mm	75cm	Undyed		<b>930817</b> QM209U	<b>930805</b> QM201U	<b>930611</b> QM202U			
	26mm	75cm	Undyed				<b>930659</b> QM326U	<b>930623</b> QM327U		

▼ 1/2 Circle Reverse Cutting	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)
	36mm	75cm	Violet					<b>930908</b> QM600	QM601*	

▲ Straight Cutting	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)
	60mm	75cm	Undyed				QM650U	QM651U		



Non-Needled	
150cm Violet lengths	
3-0 (Metric 2.0)	QM112*
2-0 (Metric 3.0)	<b>930787</b> QM113*
0 (Metric 3.5)	<b>589081</b> QM114
1 (Metric 4.0)	QM115*
2 (Metric 5.0)	QM116*

Non-Needled	
250cm Violet suture dispensing reel	
3-0 (Metric 2.0)	QM020*

\*These product may have a longer lead time

# Q-close<sup>®</sup> Synth

ABSORBABLE SURGICAL  
SUTURE BRAIDED AND  
COATED POLYGLACTIN 910



Material polymer	Polyglactin 910 (90% glycolide and 10% lactide)	
Structure	Multifilament, braided	
Suture type	Synthetic, Absorbable	
Coating	Polyglactin 370 (30% glycolide and 70% lactide) and calcium stearate	
Colour	Violet or Undyed	
Gauge sizes available	U.S.P. 6/0 to 2, and 6 (Metric 0.7 to 5.0, and 8.0)	
Tensile strength retention	Days post implantation - 14 days - 21 days - 28 days	Approximate % of tensile strength retained - 75% - 49% - 27%
Mass absorption	By hydrolysis. Absorption is essentially complete approximately in 60 to 70 days.	
Sterilisation method	Ethylene oxide	
Indications	Q-close Synth is indicated for use in general soft tissue approximation and or ligation.	

**ABSORBABLE**

**MULTIFILAMENT**  
For easy handling and secure knot tying

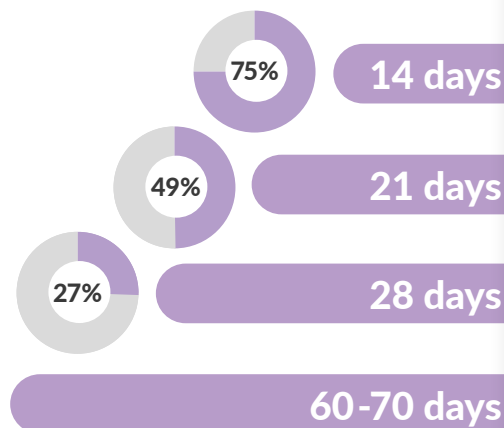


**COATED**  
For smooth passage through tissue and easy knot tie



## Q-close Synth

Intended for use in general soft tissue approximation and/or ligation.



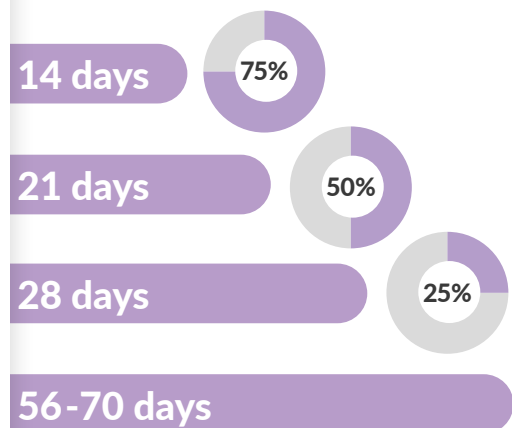
Copolymer  
**Polyglactin 910**  
(90% glycolide and 10% lactide)  
Polyglactin 370 and  
Calcium stearate coating







### COMPARED TO

**Tensile Strength Retention**  
**Tensile Strength Retention**  
**Tensile Strength Retention**  
**Absorption Complete**

## Supplier A

Intended for use in general soft tissue approximation and/or ligation.






1/2 Circle Blunt Tip	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	36mm	75cm	Violet					QS985			
	36mm Heavy Wire	90cm	Violet							QS995	
	40mm	75cm	Violet							QS989	
	40mm Heavy Wire	90cm	Violet							QS997	
	45mm Heavy Wire	90cm	Violet							QS998	QS999*
	48mm Heavy Wire	90cm	Violet							QS991	

3/8 Circle Taper Point	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	17mm	45cm	Violet			931408 QS074					













\*These product may have a longer lead time



 1/2 Circle Taper Point	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	13mm	45cm	Undyed	<b>931871</b> QS981U	<b>931883</b> QS982U						
	17mm	75cm	Violet		<b>931421</b> QS105	<b>931433</b> QS106					
	20mm	75cm	Violet			<b>931445</b> QS113	<b>931457</b> QS114				
	26mm	75cm	Violet				<b>930702</b> QS120	<b>930738</b> QS121			
	30mm	75cm	Violet				<b>931469</b> QS130	<b>931470</b> QS136	<b>931482</b> QS138	<b>931512</b> QS213	
	31mm Heavy Wire	75cm	Violet						QS215	QS216	
	36mm	75cm	Violet					<b>931494</b> QS140	<b>931500</b> QS141		
	40mm	75cm	Violet					QS150	QS154*		
	40mm Heavy Wire	75cm	Violet						QS230	QS231	
		90cm	Violet							QS431	
		150cm loop	Violet							QS237*	
	45mm Heavy Wire	75cm	Violet						QS245	QS246	
	48mm Heavy Wire	75cm	Violet							QS251	QS252
		90cm	Violet							QS451	

J Needle Taper Point	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	31mm	75cm	Violet						QS221		
	36mm Heavy Wire	75cm	Violet					<b>623507</b> QS220	QS226		






3/8 Circle Taper Cutting	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	17mm	75cm	Undyed		<b>931822</b> QS824U*	<b>931834</b> QS825U	<b>931846</b> QS826U				



\*These product may have a longer lead time







 1/2 Circle Taper Cutting	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)	6 (Metric 8.0)
	22mm	75cm	Violet				QS828*				
	26mm	75cm	Violet			<b>930581</b> QS180	<b>930593</b> QS181				
	26mm Heavy Wire	75cm	Violet				<b>931561</b> QS350				
	30mm	75cm	Violet				<b>931573</b> QS360	<b>931585</b> QS361	<b>931597</b> QS362		
	36mm	75cm	Violet				<b>931603</b> QS363	<b>931615</b> QS364			
		90cm	Violet			QS462*	<b>931676</b> QS463	QS464			
	36mm Heavy Wire	75cm	Violet						<b>931627</b> QS365	QS357	
		90cm	Violet						QS465		
	40mm	75cm	Undyed				QS900U	QS901U			
		75cm	Violet						QS368		
		90cm	Violet				QS466	QS467	QS468		
	40mm Heavy Wire	75cm	Undyed				QS904U	QS905U	QS906U		
		75cm	Violet					QS372	QS373		
	45mm	75cm	Violet						QS377	QS378	
	45mm Heavy Wire	75cm	Violet				QS375	QS376			
	48mm	75cm	Violet								QS40G*

 5/8 Circle Taper Cutting	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)	6 (Metric 8.0)
	17mm	75cm	Undyed		QS820U						




 J Needle Taper Cutting	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	31mm	75cm	Violet							QS335	





 3/8 Circle Reverse Cutting PRECISION	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	11mm	45cm	Undyed	<b>931718</b> QS500U	<b>931731</b> QS501U						
	13mm	45cm	Undyed			QS494U*					
	19mm	45cm	Undyed		QS514U	<b>931755</b> QS515U	<b>931767</b> QS516U				
	26mm	45cm	Undyed				QS525U	<b>943824</b> QS522U			
		75cm	Undyed				QS526U	<b>931779</b> QS527U			


 Compound Curve Reverse Cutting PRECISION	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	16mm	45cm	Undyed		QS436U	QS437U					


 3/8 Circle Reverse Cutting	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	13mm	45cm	Violet			QS59*					
	19mm	45cm	Undyed			<b>931858</b> QS951U					
		45cm	Violet			<b>931639</b> QS386					
	26mm	45cm	Violet				<b>930696</b> QS388				
		75cm	Undyed				<b>930635</b> QS890U				
	36mm	75cm	Violet					<b>931640</b> QS390			
	45mm	75cm	Violet					<b>931524</b> QS282			

\*These product may have a longer lead time


▼ 1/2 Circle Reverse Cutting	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)	6 (Metric 8.0)
	22mm Heavy Wire	75cm	Violet							QS287	
	40mm	75cm	Violet					<b>931548</b> QS320	QS321		
		90cm	Violet					QS420	QS421		
	48mm	75cm	Violet					<b>377211</b> QS295	<b>931536</b> QS296		
		90cm	Violet						QS496	<b>931706</b> QS497	

▲ 3/8 Circle Conventional Cutting PRECISION	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)	6 (Metric 8.0)
	16mm	45cm	Undyed	QS505U	QS506U	QS507U					
	19mm	45cm	Undyed		QS510U	<b>931743</b> QS511U					
		75cm	Undyed		QS570U	<b>931780</b> QS571U					
	26mm	45cm	Undyed			QS521U	QS523U				
		75cm	Undyed		<b>931792</b> QS580U	<b>931809</b> QS581U	<b>931810</b> QS582U				
	36mm	75cm	Undyed				QS532U				

▲ 3/8 Circle Conventional Cutting	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)	6 (Metric 8.0)
	16mm	75cm	Violet	<b>931652</b> QS442	<b>931664</b> QS443	<b>930726</b> QS444					

▲ 1/2 Circle Conventional Cutting	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)	6 (Metric 8.0)
	22mm	45cm	Undyed			QS741U					
		45cm	Violet		QS471*	<b>931688</b> QS472					



▲ Straight Cutting	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)	6 (Metric 8.0)
	60mm	75cm	Undyed			QS717U	QS718U				
		75cm	Violet			QS415					

Non-Needled	
150cm Violet lengths	
4-0 (Metric 1.5)	QS023
3-0 (Metric 2.0)	<b>931342</b> QS024
2-0 (Metric 3.0)	<b>931354</b> QS025
0 (Metric 3.5)	<b>931366</b> QS026
1 (Metric 4.0)	<b>931378</b> QS027
2 (Metric 5.0)	<b>931391</b> QS028

Non-Needled		
Pre-cut Violet suture lengths		
	6 x 50cm lengths	10 x 50cm lengths
4-0 (Metric 1.5)		QS043
3-0 (Metric 2.0)	QS034	QS044
2-0 (Metric 3.0)	<b>385153</b> QS035	QS045
0 (Metric 3.5)	QS036	QS046
1 (Metric 4.0)	QS037	QS047

Non-Needled	
250cm Violet suture dispensing reel	
3-0 (Metric 2.0)	QS030
2-0 (Metric 3.0)	QS020
0 (Metric 3.5)	QS000
1 (Metric 4.0)	QS001

\*These product may have a longer lead time

# Q-close<sup>®</sup> PD Synth

ABSORBABLE SURGICAL  
SUTURE MONOFILAMENT  
POLYDIOXANONE



Material polymer	Polydioxanone	
Structure	Monofilament	
Suture type	Synthetic, Absorbable	
Colour	Violet	
Gauge sizes available	U.S.P. 5/0 to 1 (Metric 1.0 to 4.0)	
Tensile strength retention	Days post implantation: - 14 days - 28 days - 42 days	Approximate % of tensile strength retained: - 74-79% - 65-70% - 50-60%
Mass absorption	By hydrolysis. Absorption is essentially complete between 180 to 220 days.	
Sterilisation method	Ethylene oxide	
Indications	Q-close PD Synth monofilament synthetic absorbable sutures are indicated for use in all types of soft tissue approximation. These sutures are particularly useful where the combination of an absorbable suture and extended wound support (up to six weeks) is desirable.	

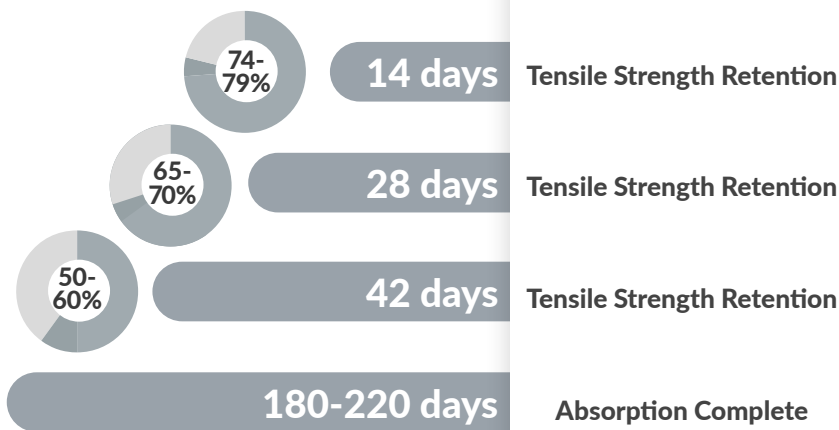
**ABSORBABLE**

**MONOFILAMENT**  
For smooth passage through tissue



## Q-close PD Synth

Intended for use in soft tissue approximation, including use in paediatric cardiovascular tissue. Useful where the extended wound combination of an absorbable suture and support (up to six weeks) is desirable.



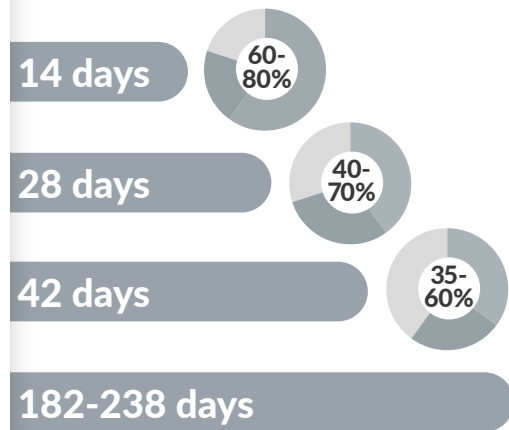
## Polydioxanone




Prepared from the polyester, poly(p-dioxanone)

### COMPARED TO

## Supplier A












Intended for use in soft tissue approximation, including use in paediatric cardiovascular tissue in microsurgery and in ophthalmic surgery. Useful where the extended wound combination of an absorbable suture and support (up to six weeks) is desirable.











1/2 Circle Blunt Tip	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)
	31mm	75cm	Violet				QPD959*		
	45mm Heavy Wire	90cm	Violet						QPD965*
	48mm Heavy Wire	150cm loop	Violet					QPD966	QPD967



3/8 Circle Taper Point	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)
	17mm	75cm	Violet		<b>931159</b> QPD077				

\*These product may have a longer lead time

 1/2 Circle Taper Point	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)
	13mm	45cm	Violet		QPD102*				
	13mm	75cm	Violet	QPD201*					
	17mm	90cm	Violet		QPD109				
	20mm	75cm	Violet		<b>931160</b> QPD115	<b>931172</b> QPD116			
	26mm	75cm	Violet			<b>931184</b> QPD124	<b>930684</b> QPD125		
	30mm	75cm	Violet		<b>931196</b> QPD131	<b>931202</b> QPD132	<b>931214</b> QPD133	<b>931263</b> QPD210	<b>931275</b> QPD211
	30mm	90cm	Violet			QPD134			
	40mm Heavy Wire	75cm	Violet					<b>931287</b> QPD233	
		90cm	Violet						QPD234
	45mm Heavy Wire	90cm	Violet						QPD248
	48mm Heavy Wire	90cm	Violet						QPD254
		150cm loop	Violet					QPD261*	QPD262

 J Needle Taper Point	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)
	35mm Heavy Wire	75cm	Violet				<b>396229</b> QPD219*		

 1/2 Circle Taper Cutting	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)
	26mm	75cm	Violet			<b>931238</b> QPD184	<b>590885</b> QPD185		
	36mm	75cm	Violet				<b>931329</b> QPD380		
		90cm	Violet					<b>931330</b> QPD381	<b>931305</b> QPD352
	40mm	90cm	Violet					<b>931317</b> QPD366	
	45mm	90cm	Violet						QPD385
	48mm	90cm	Violet						QPD396*

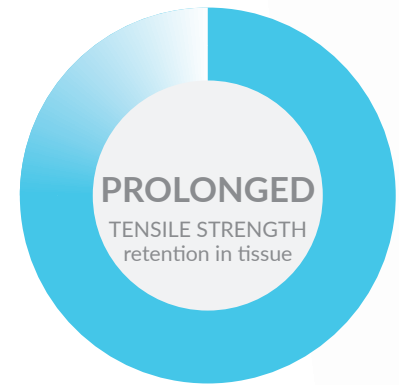
 J Needle Taper Cutting	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)
	31mm	75cm	Violet					QPD333	QPD334

 1/2 Circle Reverse Cutting	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)
	22mm Heavy Wire	75cm	Violet						QPD286*
	40mm	90cm	Violet						<b>931299</b> QPD324
	48mm	90cm	Violet						QPD299*

\*These product may have a longer lead time


# Q-close<sup>®</sup> Silk


NON-ABSORBABLE  
SURGICAL SUTURE  
BLACK BRAIDED SILK



<b>Material composition</b>	Silk (composed of an organic protein called fibroin, which is derived from the domesticated species Bombyx mori of the family Bombycidae)
<b>Structure</b>	Multifilament, braided
<b>Suture type</b>	Natural, Non-absorbable
<b>Coating</b>	Bees Wax
<b>Colour</b>	Black
<b>Gauge sizes available</b>	U.S.P. 5/0 to 1 (Metric 1.0 to 4.0)
<b>Tensile strength retention</b>	Prolonged tensile strength retention.
<b>Mass absorption</b>	While Q-close Silk is not absorbed, progressive degradation of the proteinous silk fibres in vivo may result in gradual loss of the tensile strength over a period of time.
<b>Sterilisation method</b>	Ethylene oxide
<b>Indications</b>	Q-close Silk is indicated for use in soft tissue approximation and or ligation.

 **NON-ABSORBABLE**

 **MULTIFILAMENT**  
For easy handling and secure knot tying

 **COATED**  
For smooth passage through tissue and easy knot tie



## Q-close Silk

Q-close Silk is a non-absorbable, sterile, surgical suture, composed of an organic protein, called fibroin. This protein is derived from the domesticated species Bombyx mori of the family Bombycidae. Q-close Silk meets all the requirements as per United States Pharmacopeia for nonabsorbable surgical sutures.

Q-close Silk is indicated for use in soft tissue approximation and or ligation, including use in cardiovascular and ophthalmic tissues.

Q-close Silk elicits an initial inflammatory reaction in tissues which is followed by gradual encapsulation of the suture by fibrous connective tissue. While Q-close Silk is not absorbed, progressive degradation of the proteinous silk fibres in vivo may result in gradual loss of the tensile strength over a period of time.

## Silk

composed of an organic protein called fibroin, which is derived from the domesticated species Bombyx mori of the family Bombycidae

### COMPARED TO






## Supplier A









Silk suture is a nonabsorbable sterile suture composed of an organic protein called fibroin. This protein is derived from the domesticated species Bombyx mori (B.mori) of the family Bombycidae.





Silk sutures comply with the requirements of the United States Pharmacopoeia (USP) for Nonabsorbable Sutures and European Pharmacopoeia (Ph. Eur.) for Sterile Braided Silk Suture.

Silk suture is indicated for use in general soft tissue approximation and/or ligation including use in cardiovascular, ophthalmic and neurological procedures.






Silk suture elicits an initial, minimal inflammatory reaction in tissues which is followed by gradual encapsulation of the suture by fibrous connective tissues.


 3/8 Circle Taper Point	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)
	17mm	75cm	Black	<b>621109</b> QSK81	QSK82				
	20mm	75cm	Black			QSK98*			








 1/2 Circle Taper Point	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)
	17mm	75cm	Black		QSK49*	QSK46			
	20mm	75cm	Black		QSK86*	QSK87			
	26mm	75cm	Black			QSK70*	QSK27*		
	30mm	75cm	Black			QSK71	QSK33	QSK34	
	30mm Heavy Wire	75cm	Black						QSK23
	36mm	75cm	Black			QSK83*			QSK38
	40mm	75cm	Black				QSK84		

 3/8 Circle Reverse Cutting PRECISION	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)
	19mm	45cm	Black			QSK506			
	26mm	45cm	Black			QSK511	QSK512		
	36mm	75cm	Black				QSK524		


\*These product may have a longer lead time



▼ 3/8 Circle Reverse Cutting	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)
	13mm	45cm	Black		QSK11				
		75cm	Black	QSK80					
	19mm	45cm	Black		QSK29				
	26mm	45cm	Black			QSK28	QSK21		
	36mm	75cm	Black			QSK66	QSK67		
	45mm	75cm	Black					QSK782	

▲ 3/8 Circle Conventional Cutting PRECISION	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)
	16mm	45cm	Black	QSK500	QSK501	QSK502			

▲ 3/8 Circle Conventional Cutting	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)
	16mm	75cm	Black		QSK01				
	16mm	38cm	Black			QSK42			
	40mm	100cm	Black				QSK59		
	60mm	75cm	Black						QSK62
	80mm	75cm	Black				QSK61		
	90mm	100cm	Black				QSK791	QSK792	QSK793
	90mm with 40mm retention tubing	2 x 50cm	Black						QSK293



▲ 1/2 Circle Conventional Cutting	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)
	22mm	45cm	Black			QSK77			

▲ Straight Cutting	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)
	55mm	100cm	Black				QSK75		
	60mm	75cm	Black				QSK90		
	75mm	100cm	Black				QSK766	QSK767	

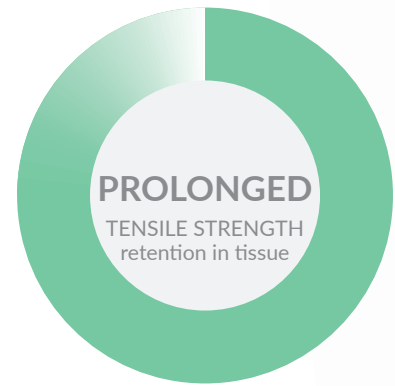
Non-Needled	
180cm Black lengths	
2-0 (Metric 3.0)	QSK024
0 (Metric 3.5)	QSK025
1 (Metric 4.0)	QSK026

Non-Needled	
Pre-cut Black suture lengths	
	13 x 60cm lengths
1 (Metric 4.0)	QSK215

\*These product may have a longer lead time

# Q-close<sup>®</sup> Nylon

NON-ABSORBABLE  
SURGICAL SUTURE  
MONOFILAMENT  
POLYAMIDE



<b>Material polymer</b>	Polyamide 6 and Polyamide 6/6
<b>Structure</b>	Monofilament
<b>Suture type</b>	Synthetic, Non-absorbable
<b>Colour</b>	Black or Blue
<b>Gauge sizes available</b>	U.S.P. 6/0 to 2 (Metric 0.7 to 5.0)
<b>Tensile strength retention</b>	Prolonged tensile strength retention.
<b>Mass absorption</b>	While it is not absorbed, progressive hydrolysis of Q-close Nylon in vivo may result in gradual loss of tensile strength over a period of time.
<b>Sterilisation method</b>	Ethylene oxide
<b>Indications</b>	Q-close Nylon is indicated for use in soft tissue approximation and or ligation.



**NON-ABSORBABLE**



**MONOFILAMENT**

For smooth passage through tissue



## Polyamide 6 & Polyamide 6/6

COMPARED TO



## Supplier A

## Q-close Nylon

Indicated for use in soft tissue approximation and or ligation, including use in cardiovascular and ophthalmic tissues.

Nylon suture elicits a minimal acute inflammatory reaction in tissue which is followed by gradual encapsulation of suture by fibrous connective tissue.

While it is not absorbed, progressive hydrolysis of Nylon in vivo may result in gradual loss of tensile strength over a period of time.

The monofilament Q-close Nylon sutures are available in black and blue colours, dyed with U.S.F.D.A approved dyes.

Q-close Nylon meets all the requirements established by the United States Pharmacopeia for non-absorbable surgical sutures.





Indicated for use in soft tissue approximation and or ligation, including use in cardiovascular and ophthalmic tissues.

Nylon suture elicits a minimal acute inflammatory reaction in tissue which is followed by gradual encapsulation of suture by fibrous connective tissue.

While Polyamide is not absorbed, progressive hydrolysis of the polyamide in vivo may result in gradual loss over time of tensile strength

Black/Undyed Sutures comply with the requirements of the United States Pharmacopeia monograph for Non-Absorbable Sutures



 1/2 Circle Blunt Tip	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	48mm Heavy Wire	150cm loop	Black							QN29	


 1/2 Circle Taper Point	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	31mm	100cm	Black							QN45	
	40mm Heavy Wire	100cm	Black						QN46	QN47	
		150cm loop	Black						QN40		
	48mm Heavy Wire	150cm loop	Black						QN41	QN48	

 3/8 Circle Reverse Cutting PRECISION	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	13mm	45cm	Black	QN851	QN852						
	16mm	45cm	Black			QN861					
	19mm	45cm	Black		QN618						
		45cm	Blue			QN620	<b>931007</b>				
		75cm	Blue			QN619					
	26mm	45cm	Blue				<b>931019</b> QN625				
		75cm	Blue				<b>931032</b> QN685	<b>931020</b> QN626			

 3/8 Circle Reverse Cutting	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	19mm	45cm	Blue			<b>930957</b> QN19					
	26mm	45cm	Blue				<b>930969</b> QN20				
	45mm	100cm	Black					<b>930970</b> QN36			

\*These product may have a longer lead time

▼ 1/2 Circle Reverse Cutting	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	40mm	100cm	Black						<b>930982</b> QN37		
	48mm	100cm	Black							<b>930994</b> QN38	

▲ 3/8 Circle Conventional Cutting PRECISION	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	16mm	45cm	Black	QN615	QN854						
		45cm	Blue		QN616						
	19mm	45cm	Blue		QN855	QN856					
	26mm	45cm	Black	QN859*							

▲ 3/8 Circle Conventional Cutting	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	40mm	45cm	Blue					QN86			
	90mm	100cm	Blue					QN95	<b>388142</b> QN96	QN97	QN98
	90mm	75cm	Black							QN89	
	90mm with 40mm retention tubing	2 x 50cm	Black							QN797	

▲ Straight Cutting	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	55mm	100cm	Blue					<b>930799</b> QN76			
	60mm	75cm	Blue				<b>372201</b> QN88				

Non-Needled

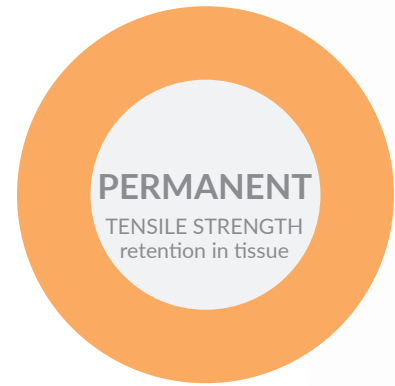
Pre-cut Black suture lengths

	2 x 100cm lengths
1 (Metric 4.0)	QN005
2 (Metric 5.0)	QN006

\*These product may have a longer lead time

# Q-close<sup>®</sup> Bond

NON-ABSORBABLE  
SURGICAL SUTURE BRAIDED  
AND COATED POLYESTER



Material polymer	Polyester
Structure	Multifilament, braided
Suture type	Synthetic, Non-absorbable
Coating	Silicone
Colour	Green or White
Gauge sizes available	U.S.P. 5/0 to 2, and 5 (Metric 1.0 to 5.0, and 7.0)
Tensile strength retention	Permanent tensile strength retention.
Mass absorption	Q-close Bond is not absorbed, nor is it subjected to degradation or weakening by the action of tissue enzymes.
Sterilisation method	Ethylene oxide
Indications	Q-close Bond is indicated for use in soft tissue approximation and or ligation.



**NON-ABSORBABLE**



**MULTIFILAMENT**

For easy handling and secure knot tying



**COATED**

For smooth passage through tissue and easy knot tie



## Q-close Bond

Non-absorbable, sterile, surgical suture, composed of fine filaments of polyester, polyethylene terephthalate

Q-close Bond is coated with highly biologically inert silicone

Q-close Bond is indicated for use in soft tissue approximation and or ligation, including use in cardiovascular and ophthalmic tissues.

Q-close Bond is not absorbed, nor is it subjected to degradation or weakening by the action of tissue enzymes. Due to its relative biological inertness, it is recommended for use where the least possible suture reaction is desired.

## Polyester

Polyethylene  
Terephthalate

COMPARED TO








## Supplier A

Coated, braided, nonabsorbable, sterile, suture composed of Poly (ethylene terephthalate).

The suture is uniformly coated with polybutylate which acts as a lubricant to mechanically improve the ease of passage through tissue and overall handling qualities of the suture.

Indicated for use in general soft tissue approximation and/or ligation including use in cardiovascular, ophthalmic and neurological procedures. Implantation studies in animals show no meaningful decline in polyester suture strength over time.


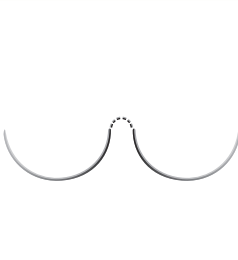
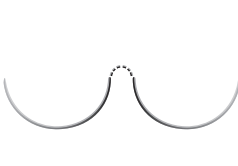


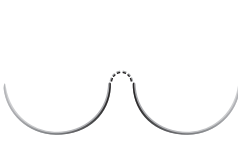





3/8 Circle Taper Point	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)	5 (Metric 7.0)
	13mm	75cm	Green	QB890*	QB891						



1/2 Circle Taper Point	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)	5 (Metric 7.0)
	17mm	60cm	Green	QB757*		QB759					
		90mm	Green				QB760				
	26mm	75cm	Green			QB832					
	26mm	90cm	Green				QB767				
		100cm	Green			QB552					
	30mm	75cm	Green				QB32	QB75			

J Needle Taper Point	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)	5 (Metric 7.0)
	31mm Heavy Wire	75cm	Green						QB69		



3/8 Circle Taper Cutting	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)	5 (Metric 7.0)
	17mm	75cm	White			QB923					



\*These product may have a longer lead time

 1/2 Circle Taper Cutting	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)	5 (Metric 7.0)
	17mm	90cm	Green	QB934*	QB935	QB936	QB937*				
		90cm	White		QB915*		QB917*				
		10 x 75cm	5 x White 5 x Green				QB10B52				
	17mm with 3mm x 3mm x 1.5mm pledget	10 x 75cm	5 x White 5 x Green				QB10B54*				
	17mm with 6mm x 3mm x 1.5mm pledget	10 x 75cm	5 x White 5 x Green				QB10B55				
	26mm	90cm	Green			QB976	QB977	QB978			
		4 x 90cm	Green				QB977M				
	26mm with 6mm x 3mm x 1.5mm pledget	90cm	Green				QB977P*				
		4 x 90cm	Green				QB4B77*				
	26mm	90cm	White				QB987				
		10 x 75cm	5 x White 5 x Green				QB10B72				
	26mm with 6mm x 3mm x 1.5mm pledget	10 x 75cm	5 x White 5 x Green				QB10B77				
	36mm	90cm	Green				QB952*				
	45mm Heavy Wire	75cm	Green							QB842*	
		4 x 75cm	Green							QB843	
	48mm	75cm	Green					QB79			
	55mm Heavy Wire	75cm	Green								QB845*
		4 x 75cm	Green								QB846

 3/8 Circle Reverse Cutting PRECISION	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)	5 (Metric 7.0)
	19mm	45cm	Green		QB582*						



▼ 1/2 Circle Reverse Cutting	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)	5 (Metric 7.0)
	22mm	75cm	Green				QB697*				
	22mm Heavy Wire	90cm	Green							QB748	

▲ 3/8 Circle Conventional Cutting	Needle Size	Material Length	Material Colour	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)	5 (Metric 7.0)
	90mm	100cm	Green						QB98*		
	90mm with 40mm retention tubing	2 x 50cm	Green						QB991*		

Non-Needled

180cm Green lengths

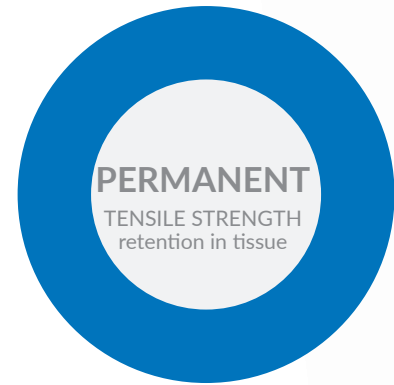
2 (Metric 5.0)

QB156\*

\*These product may have a longer lead time


# Q-close<sup>®</sup> PolyP

NON-ABSORBABLE  
SURGICAL SUTURE  
MONOFILAMENT  
POLYPROPYLENE



Material polymer	Polypropylene
Structure	Monofilament
Suture type	Synthetic, Non-absorbable
Colour	Blue
Ga available	U.S.P. 6/0 to 1 (Metric 0.7 to 4.0)
Tensile strength retention	Permanent tensile strength retention.
Mass absorption	Q-close PolyP is not absorbed, nor is it subjected to degradation or weakening by the action of tissue enzymes.
Sterilisation method	Ethylene oxide
Indications	Q-close PolyP is indicated for use in soft tissue approximation and or ligation.

 NON-ABSORBABLE

 MONOFILAMENT  
For smooth passage through tissue



## Q-close PolyP

Non-absorbable, sterile, surgical suture, composed of polypropylene, a synthetic linear polyolefin.

Q-close Poly P is indicated for use in soft tissue approximation and or ligation, including use in cardiovascular and ophthalmic tissues.

It elicits an initial inflammatory reaction in tissues which is followed by gradual encapsulation of the suture by fibrous connective tissue.

Q-close Poly P is neither absorbed, nor is it subjected to degradation or weakening by the action of tissue enzymes. Due to its relative biological inertness, it is recommended for use where the least possible suture reaction is desired.

## Polypropylene

COMPARED TO












## Supplier A

The suture is a monofilament, synthetic, non-absorbable, sterile surgical suture composed of an isotactic crystalline stereoisomer of polypropylene, a synthetic linear polyolefin.

Is indicated for use in general soft tissue approximation and/or ligation, including use in cardiovascular, ophthalmic and neurosurgical procedures.



The suture elicits a minimal inflammatory reaction in tissue which is followed by gradual encapsulation of the suture by fibrous connective tissue.



 1/2 Circle Taper Point	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	17mm	90cm	Blue		QP556	QP557	QP558				
	20mm	90cm	Blue			QP761					
	22mm	75cm	Blue				<b>931093</b> QP770				
	26mm	90cm	Blue			QP521	QP522				
	30mm	75cm	Blue					QP95			
	30mm	90cm	Blue					QP526			
	30mm Heavy Wire	100cm	Blue						QP430		
	40mm Heavy Wire	100cm	Blue						QP434	QP42	






 Straight Taper Point	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	70mm	75cm	Blue					QP400			




 1/2 Circle Taper Cutting	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	17mm	90cm	Blue			QP935*	QP936*	<b>931123</b> QP937*			
	26mm	90cm	Blue				<b>931135</b> QP976*	<b>931147</b> QP977			
	36mm	100cm	Blue						<b>931111</b> QP86		
	45mm	100cm	Blue							<b>931044</b> QP450	



\*These product may have a longer lead time




 J Needle Taper Cutting	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	31mm Heavy Wire	100cm	Blue						QP82		



 1/2 Circle Trocar Point	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	30mm Heavy Wire	100cm	Blue							QP440*	

 3/8 Circle Reverse Cutting PRECISION	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	11mm	45cm	Blue	QP868							
	13mm	45cm	Blue	QP871	QP872	QP873					
	19mm	45cm	Blue		QP014	QP015					
	26mm	45cm	Blue				QP025	<b>590873</b> QP026			

 3/8 Circle Reverse Cutting	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	19mm	45cm	Blue			QP683					
	26mm	45cm	Blue				<b>931081</b> QP684				

 1/2 Circle Reverse Cutting	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	48mm	100cm	Blue							<b>590861</b> QP475	

▲ 3/8 Circle Conventional Cutting PRECISION	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	16mm	45cm	Blue	QP005	QP006	QP007					
	19mm	45cm	Blue		QP010	QP011	QP878				
	26mm	45cm	Blue		QP881	QP020	QP021				

▲ 3/8 Circle Conventional Cutting	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	16mm	75cm	Blue				QP549				
	90mm	90cm	Blue					QP87			

▲ Straight Cutting	Needle Size	Material Length	Material Colour	6-0 (Metric 0.7)	5-0 (Metric 1.0)	4-0 (Metric 1.5)	3-0 (Metric 2.0)	2-0 (Metric 3.0)	0 (Metric 3.5)	1 (Metric 4.0)	2 (Metric 5.0)
	60mm Fine Wire	75cm	Blue				QP21				
	60mm Fine Wire	75cm with 2 beads & 2 collars	Blue				QP30				
	60mm	75cm	Blue					<b>931068</b> QP623			
		75cm with 2 beads & 2 collars	Blue					QP31			
	75mm	100cm	Blue					QP52			

\*These product may have a longer lead time

# Associated Wound Closure

## Q-close® **Bone Wax** STERILE BONE WAX

For the control of bleeding from bone surfaces.

<b>Composition:</b>	A sterile mixture of White Bees wax, Hard Paraffin and Isopropyl Palmitate, a wax-softening agent
<b>Colour:</b>	Opaque
<b>Sterilisation method:</b>	Gamma irradiation
<b>Indications:</b>	For the control of bleeding from bone surfaces



Product Code	Material	Size	Packaging
QW810	Sterile Bone Wax	2.5 gram tablet	12 foil packs per box

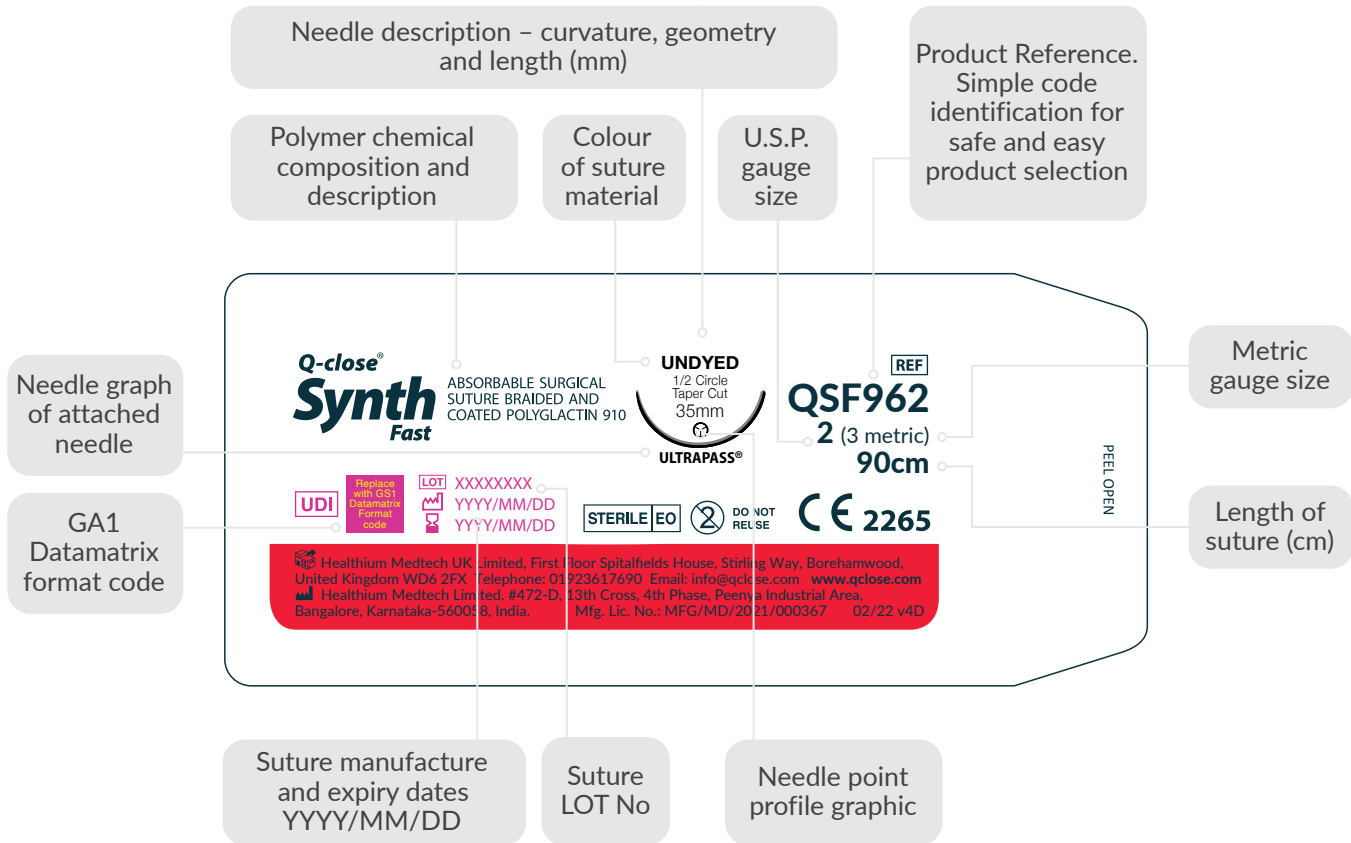
## Q-close® **SurgiPler**™

DISPOSABLE STERILE SKIN STAPLER **35w**

Product Code	Material	Size	Packaging
QST35W	SurgiPler Disposable Skin Stapler 35	35w	10 units



# Q-close Suture Packaging



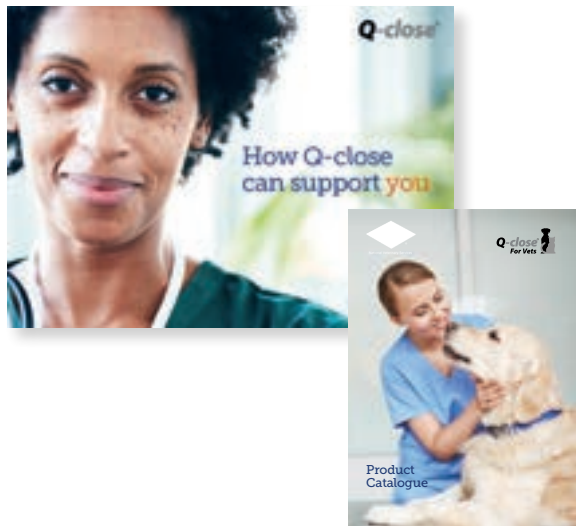
## Additional customer support

### Product and Service Support

- Product Catalogue
- Q-close Introduction

### Training Tools

- Q-close Academy – Wound Closure Training
- Technical Specification Document
- Evaluation Support Documents





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HM2222\_1023 V5