



Ethicon Products

W O R L D W I D E



Introduction



Our credo

For more than 60 years, a simple, one-page document – Our Credo – has guided our actions in fulfilling our responsibilities to our customers, our employees, the community and our stockholders.

Our responsibilities and ethos set out in our Credo are observed and continually strengthened.

As our ethical framework, our Credo is the blueprint of all we do.

We believe our first responsibility is to the doctors, nurses and patients, to mothers and fathers and all others who use our products and services. In meeting their needs everything we do must be of high quality. We must constantly strive to reduce our costs in order to maintain reasonable prices. Customers' orders must be serviced promptly and accurately. Our suppliers and distributors must have an opportunity to make a fair profit.

We are responsible to our employees, the men and women who work with us throughout the world. Everyone must be considered as an individual. We must respect their dignity and recognise their merit. They must have a sense of security in their jobs. Compensation must be fair and adequate, and working conditions clean, orderly and safe. We must be mindful of ways to help our employees fulfil their family responsibilities. Employees must feel free to make suggestions and complaints. There must be equal opportunity for employment, development and advancement for those qualified. We must provide competent management, and their actions must be just and ethical.

We are responsible to the communities in which we live and work and to the world community as well. We must be good citizens - support good works and charities and bear our fair share of taxes. We must encourage civic improvements and better health and education. We must maintain in good order the property we are privileged to use, protecting the environment and natural resources.

Our final responsibility is to our stockholders. Business must make a sound profit. We must experiment with new ideas. Research must be carried on, innovative programmes developed and mistakes paid for. New equipment must be purchased, new facilities provided and new products launched. Reserves must be created to provide for adverse times. When we operate according to these principles, the stockholders should realise a fair return.



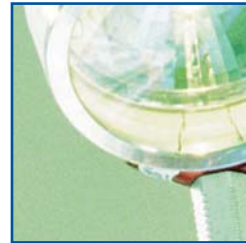
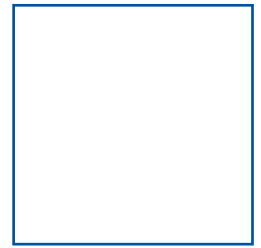
Overview

ETHICON Products is a name that stands for quality, value and trust in your hospital and a name directed to “resetting the standard of care” in whatever context our products and services are used.

ETHICON Products is a global leader in suture products and suture technology, and is one of the most recognisable and well respected brand names in the hospital environment. Also within the ETHICON Products portfolio are other wound management and wound closure technologies designed to reset the standard of care and include; the DERMABOND Topical Skin Adhesive family of products; a range of lightweight mesh and devices for hernia repair and BLAKE Silicone Drains.

As part of the JOHNSON & JOHNSON family of companies, ETHICON Products combines traditional service principles with the strength and reputation of the world’s largest healthcare company. This unique combination of excellence, expertise and experience enables us to put our values and beliefs into practice.

JOHNSON & JOHNSON, with approximately 110,000 employees, is the world’s most comprehensive and broadly based manufacturer of health care products, as well as a provider of related services, for the consumer, pharmaceutical, and medical device and diagnostic market. JOHNSON & JOHNSON has more than 200 operating companies, in 57 countries around the world, selling products in more than 175 countries throughout the world.



Responsibility

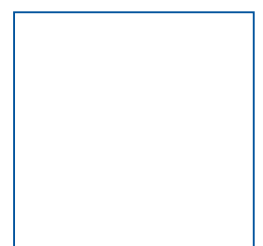
We take our responsibilities to the people who rely on us seriously. Patients and their families, doctors and nurses who use our products, employees, the communities, the world environment in which we live and work, and finally our shareholders.

Our aim is to help healthcare professionals by providing them with the best possible surgical solutions, so helping patients to heal and recover more quickly and effectively.

We acknowledge our position within the wider local and internal communities by dealing fairly and responsibly with our staff, customers and investors, and by respecting the natural environment, recycling materials and conserving resources.

ETHICON Products' staff are highly trained in product knowledge and surgical procedures and are focused about the changing needs of our customers. As well as a good working relationship with our clinical customers, we understand the needs of hospital business managers, finance personnel and other individuals responsible for running the complex organisations found in today's healthcare profession.

Our history of partnering and supporting the educational aims and objectives of the principal users of our products, surgeons and nurses, is a recognised and valuable contribution to the health of the nation.



Professional Education Support from ETHICON Products

Adding value to innovation

Our aim is to help healthcare professionals by providing them with the best possible surgical solutions, so helping patients recover more quickly and effectively.

ETHICON Products has a history of partnering and supporting the educational aims and objectives of the principal users of our products, surgeons and nurses.

We work closely with many of the healthcare professional organisations and with the Royal Colleges of Surgeons. This helps us deliver support for educational development, and secures a closer understanding of the needs of the healthcare professional.

ETHICON Products supports the accredited intercollegiate surgical skills courses by providing delegate packs with suture product and information, which helps deliver valuable training through specific skills exercises.

ETHICON Products offers a wide range of Professional Education support; from educational training material and in-service product training to educational events featuring live surgery webcasts and specialist training courses for our hernia repair devices.

We are committed to providing our customers with Professional Education to support the advancement of surgery and meet the changing demands of world-class surgical education.

To find out more about the Professional Educational support from ETHICON Products, please contact your local ETHICON Representative.





Reassurance of Quality

Our commitment to quality ensures that our customers know the products we put in their hands are of the highest standard.

We take a 'beyond compliance' approach to our Quality Management Systems and Quality Assurance initiatives.

ETHICON Products has a dedicated complaint handling unit, carrying out investigation, testing and reporting in order to provide timely feedback to customers.

Should you experience a complaint with any of our ETHICON products, please contact your local ETHICON Representative, providing your contact details and the code/lot number of the product.

Innovation



We are committed to aiding the advancement of surgery and helping your team 'reset the standard of care'. At ETHICON Products we fund and execute a varied programme of pioneering investment and research, which ensures that our products are constantly being improved to meet the exacting and ever-developing demands of modern surgery.

Everything we do is based on encouraging fresh ideas, advancing knowledge and developing techniques in order to improve patient healing, comfort and mobility.

By questioning existing methods, we find better ones. By challenging current practice, we generate new ideas and create new products. By applying the imagination and skills of our dedicated employees and customers, together with state-of-the-art technology, we remain at the forefront of surgical innovation.

Surgical Innovations

We welcome innovative ideas and solutions from the professional community

At ETHICON Products, some of the best ideas come from our customers - the surgeons, nurses and other health care professionals who know and use our products. Whether it's a new product idea or a suggested improvement to an existing product - we help bring new ideas to life!

If you would like to submit an idea to ETHICON Products, find out more by visiting www.surgicalinnovations.com



E-Business

At JOHNSON & JOHNSON, the Internet is an essential part of the way we work and our goal is to be the best-connected healthcare company in the world, as recognised by our customers.

We are connecting with customers in new and better ways, web-enabling key business processes to improve speed, quality and costs. Some of the E-Business options available are as follows;

JOHNSON & JOHNSON GATEWAY www.jnjgateway.com

We understand that knowledge is the asset you rely on most for achieving excellence in healthcare practices. Designed specifically around specialty areas for healthcare professionals, JOHNSON & JOHNSON GATEWAY is a valuable website for all your information needs.

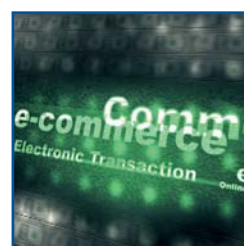
www.jnjgateway.com/commerce

This robust website gives you enhanced enquiry and procurement capabilities. Secure access means you have personal ownership of your enquiries and product procurement process.

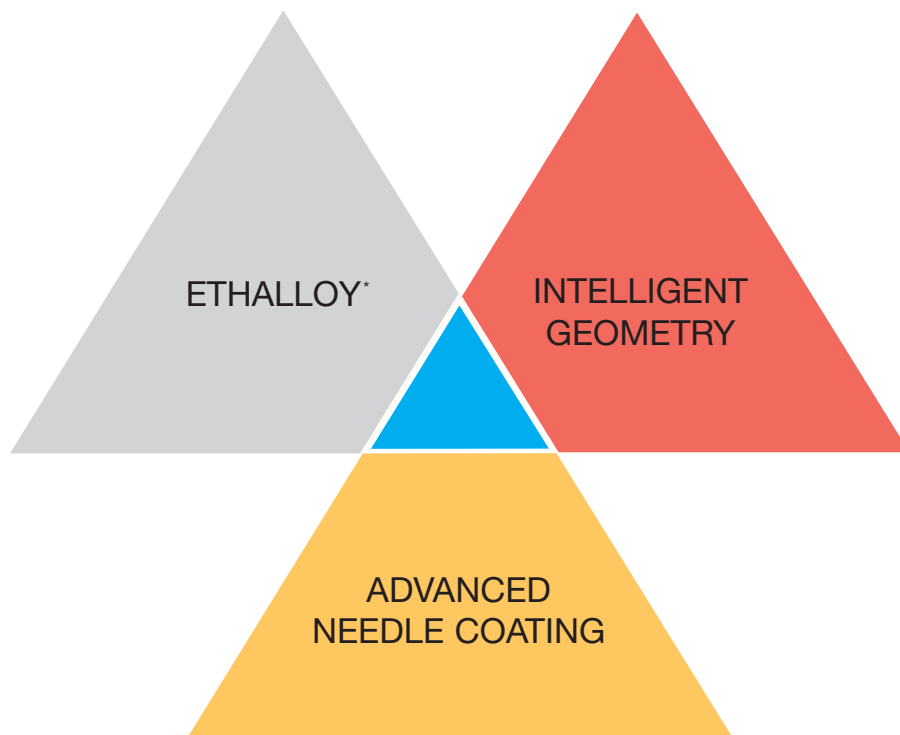
Electronic Data Exchange (EDI)

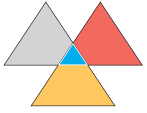
Electronic data exchange is computer to computer exchange of structured data, sent in a form that allows for automatic processing with no manual intervention.

To discuss your E-Business needs or to find out more about any of the above services, please contact your local ETHICON Representative.



Selection & Use of Surgical Needles

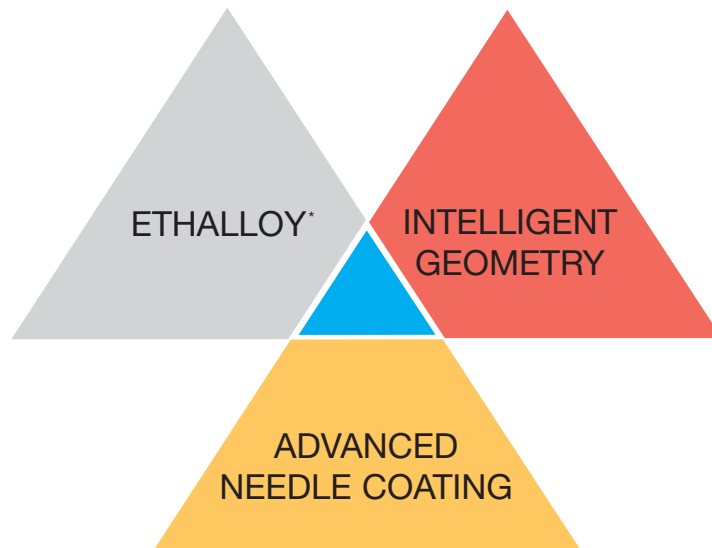




The Selection & Use of Surgical Needles

ETHICON Products needles are manufactured in a wide range of types, shapes, lengths and diameters. The choice of needle to be used must rest with the surgeon, and may take into account several factors such as the requirements of the specific procedure, the nature of the tissue to be sutured, the accessibility of the operative area, and the preferred techniques of each individual surgeon.

ETHICON Products needle range is now complimented by the very latest innovation - MultiPass. This unique combination of bend-resistant material, intelligent geometry and tip to swage needle coating delivers needles that are sharper, stronger and offer better control for optimal outcomes.



Intelligent Geometry

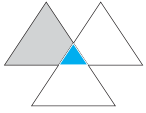
The unique needle range includes exclusive point profiles such as PRIME Needles and CC Needles which provide excellent penetration and the ETHIGUARD Blunt Point Needle which is designed with safety in mind.

ETHALLOY Needle Alloy

Premium needles are made from an alloy which is exclusive to ETHICON Products. This provides a needle which has superior resistance to bending and breaking.

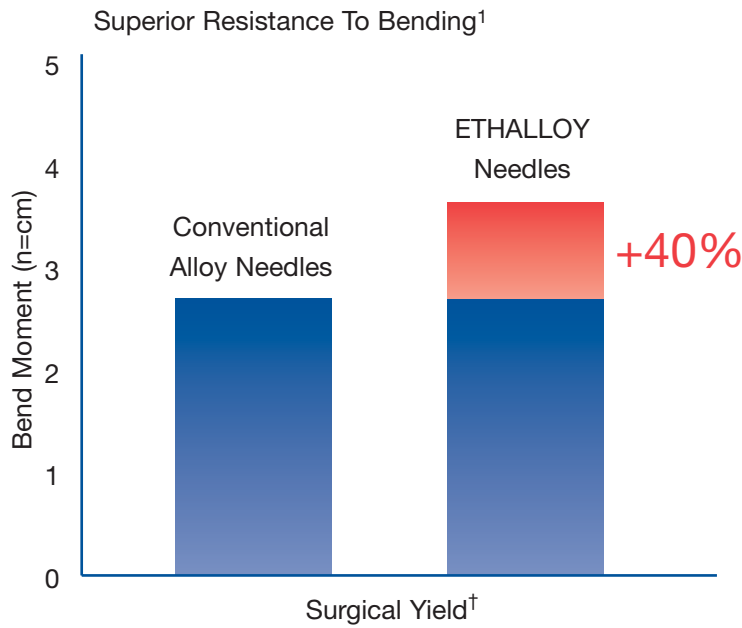
Advanced Needle Coating

Advanced Needle Coating technology provides a new level of smoothness during tissue penetration.



ETHALLOY* Needle Alloy

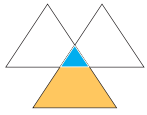
Unique to ETHICON Products this material provides 40% more bend resistance compared to conventional needles.



† Surgical yield is defined as the point at which the surgeon would first detect bending

Reference 1. Bendel LP, Trozzo LP. Tensile and bend relationships of several surgical needle materials. Journal of Applied Biomaterials. 1993; 161-167.

- ▲ Offers a unique combination of strength and ductility
- ▲ More resistant to bending and breaking for greater surgical control
- ▲ Enables more accurate suture placement for optimal outcomes



Intelligent Geometry

A Unique Needle Range

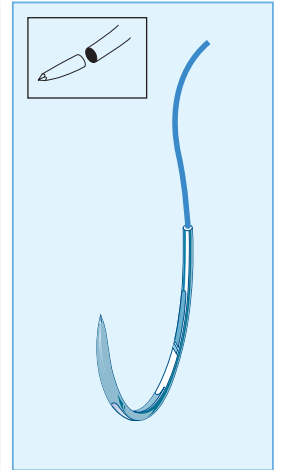
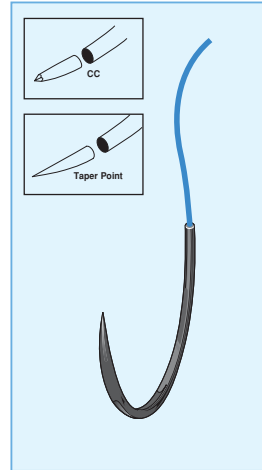
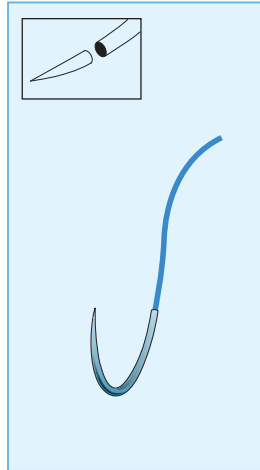
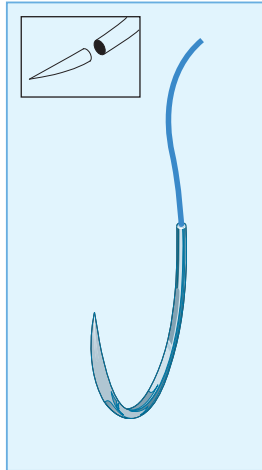
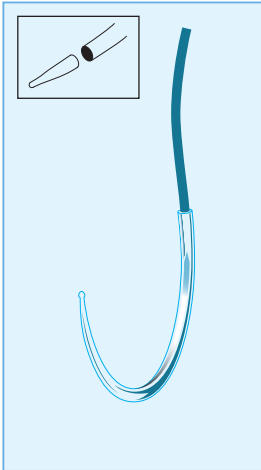
ETHIGUARD Blunt Point Needles

Taper Point Needles

BV Needles

VISI-BLACK Needles

CC Needles



Improving safety

Gentle separation of fibrous tissue

Consistency pass after pass

Visibility is their strength

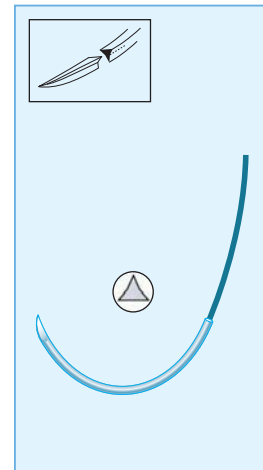
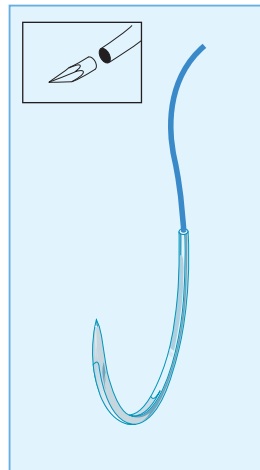
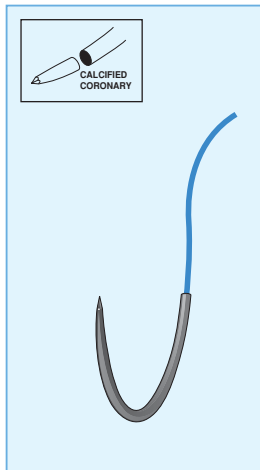
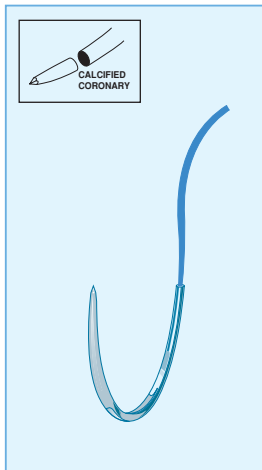
Easy penetration of calcified coronary tissues

HEMO-SEAL Needle Sutures

MULTICURVE Needles

TAPERCUT Needles

PRIME Needles

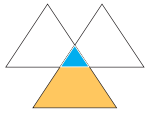


A fitting choice for vascular surgery

For confined access procedures

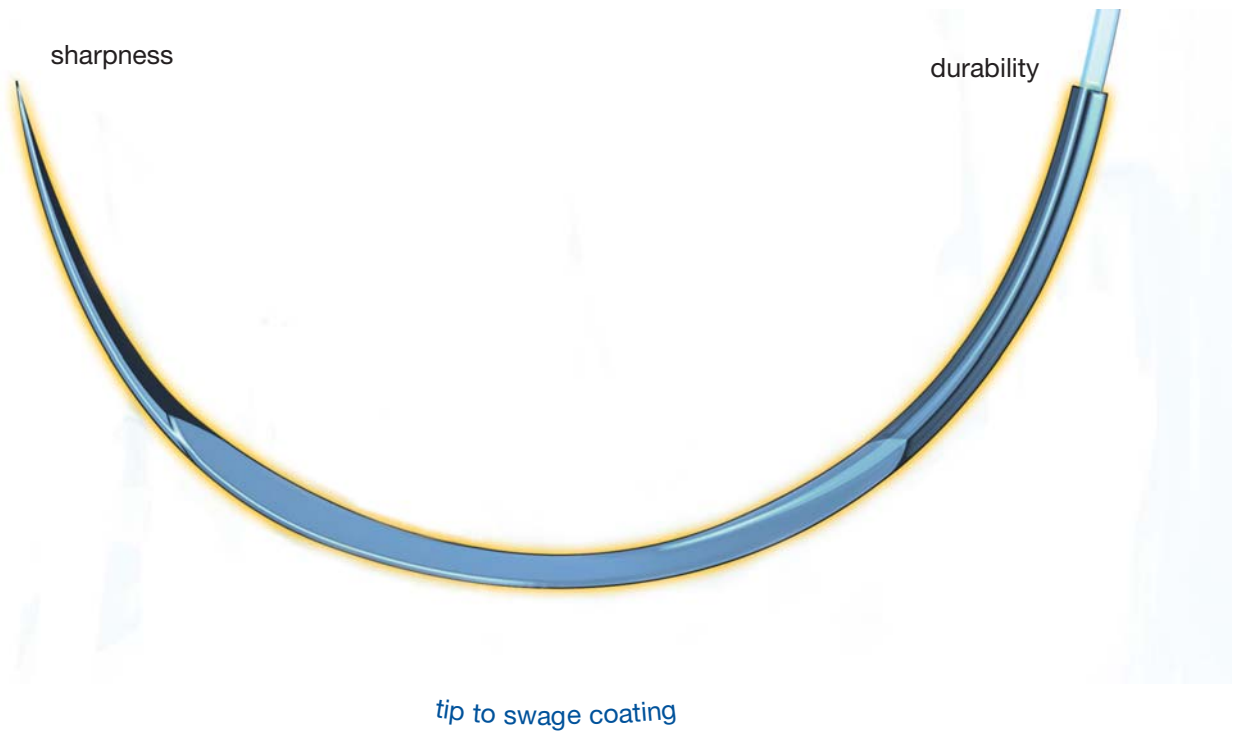
Easy penetration of dense tough tissue

Excellence in skin closure



Advanced needle coating

ETHICON Products' MultiPass Advanced Needle Coating technology provides a new level of smoothness during tissue penetration that must be experienced, to be appreciated.



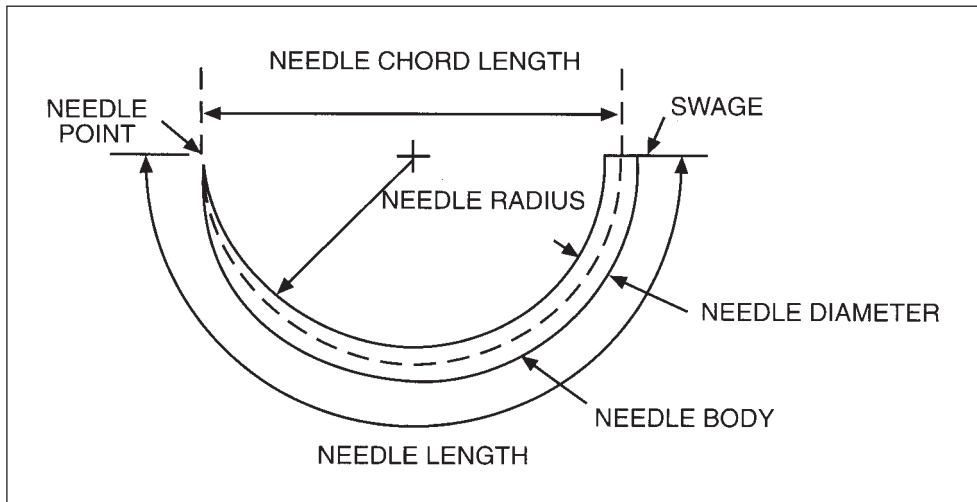
- ▲ Maintains needle sharpness from start to finish over multiple passes
- ▲ Offers consistent needle penetration pass after pass and needle-to-needle
- ▲ Enhances needle control and placement
- ▲ Covers entire needle tip to swage for consistently smooth passage through tissue



 **MultiPass**
NEEDLES

 **Ethicon Products**
W O R L D W I D E

Anatomy of a Needle



Needle Point

Needles can taper to a point or have cutting edges.

Taper Ratio

Longer points for improved penetration.

Needle Body

 Needle flat

Flatted section for stability in the needle holder.

 Ribs

In larger needles there is a ribbed section to provide a secure grip.

 Square Body

Needles can also have a square body for increased strength.

Swage

A hole is drilled into the end of the wire and the material is attached into this hole. For premium needles the needles are laser drilled which provides a smooth transition between needle and material thus reducing tissue trauma.

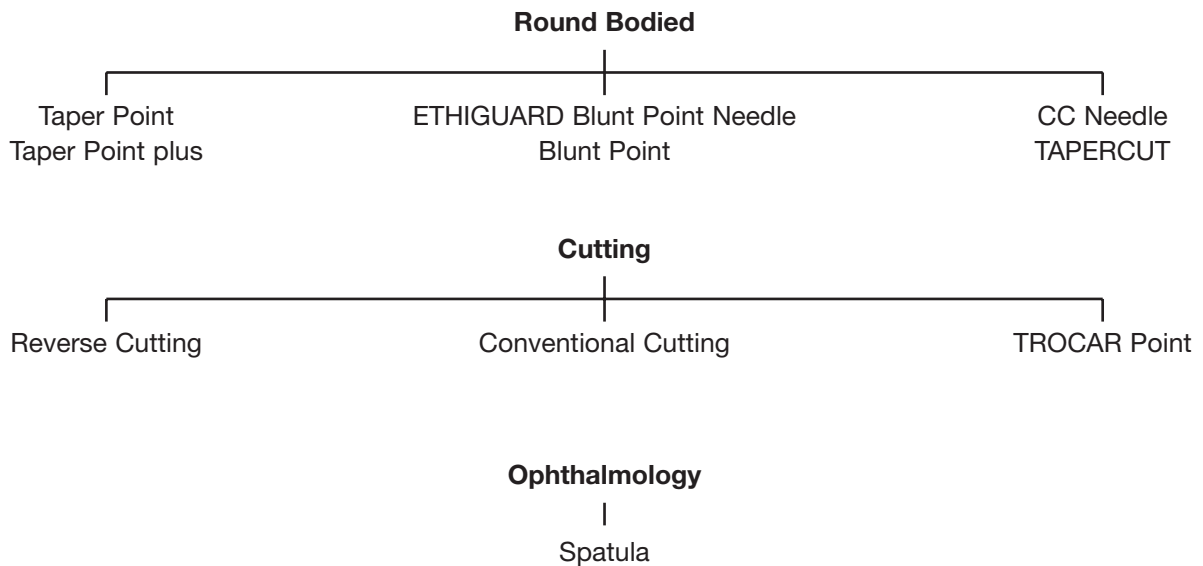
Needle Types

ETHICON Products needles can be arranged into groups according to the design of the point.

The first group is Round Bodied needles - a group with many modified variants.

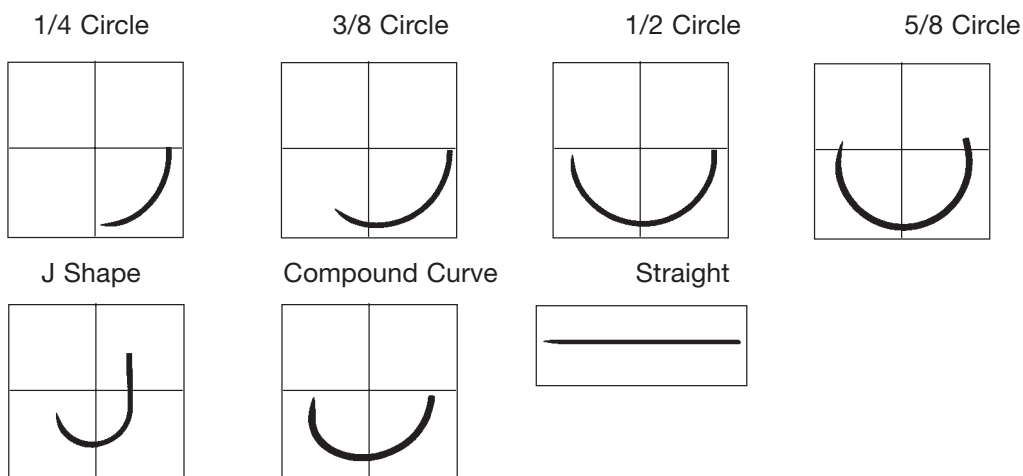
The second group is Cutting needles which are used in areas of tough or dense tissue and for suturing skin.

The third group is used mainly in ophthalmology and is of side cutting or spatulated point design.



Needle Shape

The choice of needle shape is frequently governed by the accessibility of the tissue to be sutured, and normally the more confined the operative site the greater the curvature required. The basic shapes involved are:



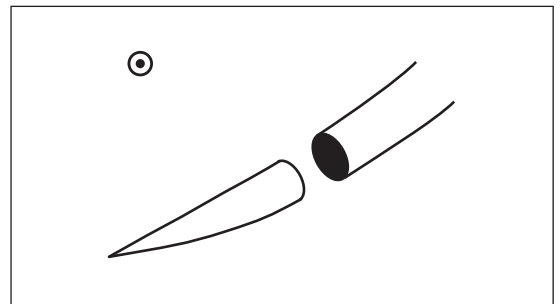
Round Bodied Needles

Round Bodied needles are designed to separate tissue fibres rather than cut them. They are used either for soft tissue or in situations where easy splitting of tissue fibres is possible. After the passage of the needle, the tissue closes tightly round the suture material, thereby forming a leak-proof suture line which is particularly vital in Intestinal and Cardio-vascular surgery.

Round Bodied needles are manufactured with different wire diameters according to the tissue to be sutured. For softer tissue such as bowel finer wire diameters can be used. Whereas for muscle or fascia heavier wire diameters are required.

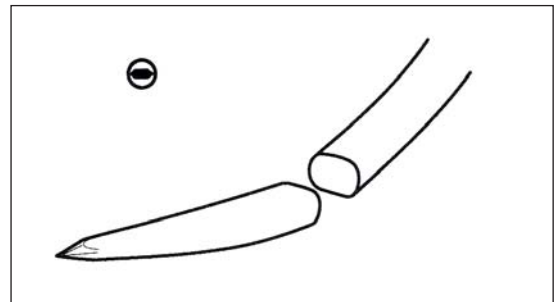
TAPERPOINT Needle

This point profile is engineered to provide easy penetration of intended tissues. Forceps flats are formed in an area half way between the point and the attachment, Positioning the needle holder in this area confers extra stability on the needle being held, aiding precise placement of the sutures. Taper Point needles are available in a range of wire diameters and the finer diameters can be used for softer tissue in gastro-intestinal or vascular procedures whereas heavier diameters are required for tougher tissue such as muscle.



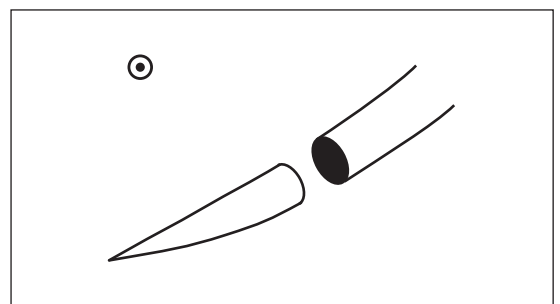
TAPERPOINT Plus

A modified point profile for some of our smaller round bodied intestinal type needles, typically for needles in the size range 20-30mm. In the modified profile, the tapered cross section immediately behind the tip has been flattened to an oval shape rather than a conventional round shape. This continues for several millimeters before merging into the conventional round bodied cross section. This design was developed to help facilitate improved separation of tissue layers.



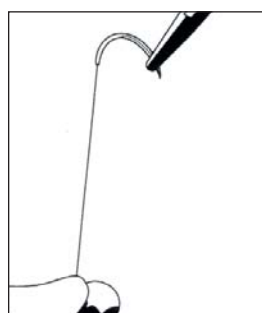
VISI - BLACK Needle

These black needles have been designed to give outstanding visibility against tissue and where blood is present in the operating field. The slim Taper Point design of the VISI-BLACK Needle brings improved penetration properties and minimises tissue trauma.

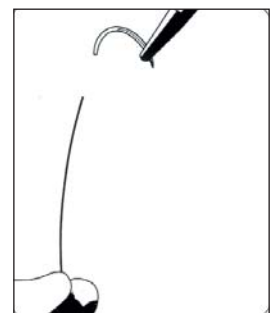


CONTROL RELEASE Needle Sutures

- 1 The needle is held securely in the needle holder. Suture is grasped securely just below needle, pulling strand taut.

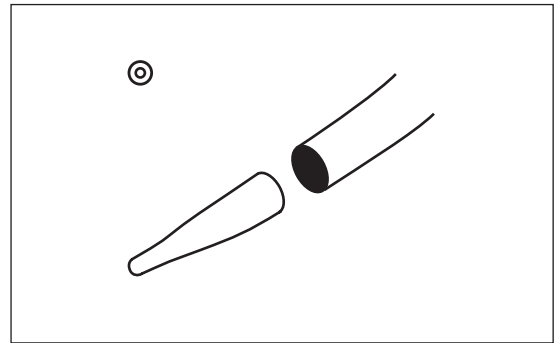


- 2 The needle is released with a straight tug of the needleholder.



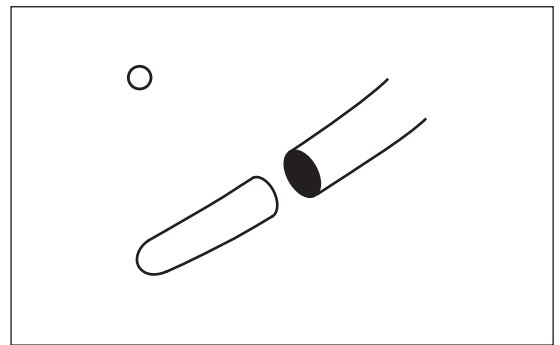
ETHIGUARD Blunt Point Needle

The needles has been designed to minimise the risk of needle stick injury. The ETHIGUARD Needle point is sharp enough to penetrate fascia and muscle but not skin. Virtually eliminating accidental glove puncture, the ETHIGUARD Needle can also be used for suturing friable tissue such as the liver.



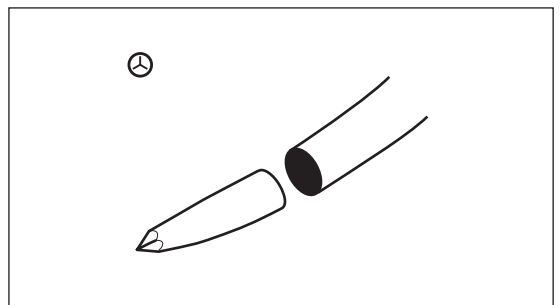
Blunt Point Needle

This needle has been designed for suturing extremely friable tissue such as the liver.



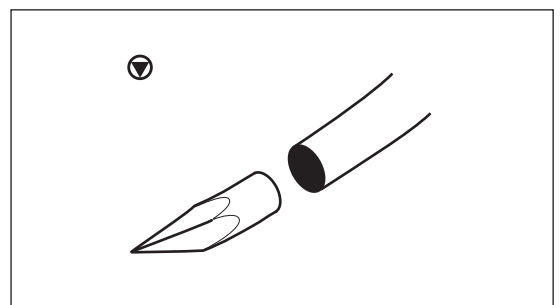
CC Needle

The unique point design of the CC Needle provides significantly improved penetration properties for the Cardiac / Vascular surgeon when suturing tough, calcified vessels. This is achieved with no increase in tissue trauma compared to the conventional round bodied needle. Squared body geometry, in addition to providing a stronger fine vascular needle, also means this needle is particularly secure in the needle holder.



TAPERCUT Needle

This needle combines the initial penetration of a cutting needle with the minimised trauma of a round bodied needle. The cutting tip is limited to the point of the needle, which then tapers out to merge smoothly into a round cross section.

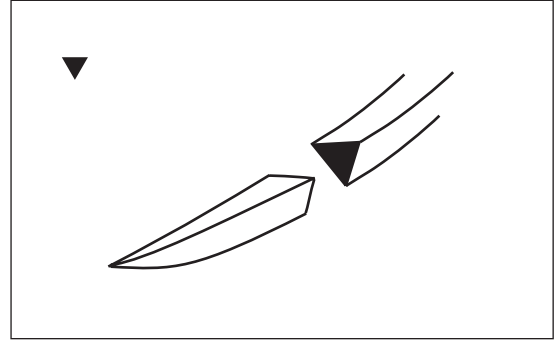


Cutting Needles - for Fibrous Tissue

Cutting needles are required wherever fibrous or dense tissue needs to be sutured.

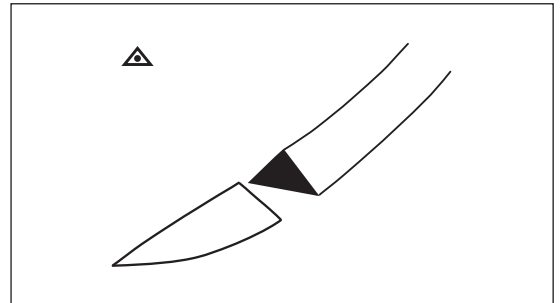
Reverse Cutting Needle

The body of this needle is triangular in cross section, having the apex cutting edge on the outside of the needle curvature. This improves the strength of the needle and particularly increases its resistance to bending.



TROCAR POINT Needle

Based on the traditional TROCAR POINT, this needle has a strong cutting head which then merges into a robust round body. The design of the cutting head ensures powerful penetration, even when deep in dense tissue.



Cutting Needles

for Plastic and Cosmetic Surgery

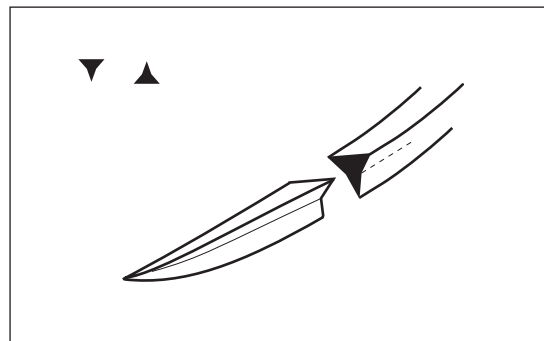
PRIME Needle

PRIME Needles are manufactured with an exclusive needle tip design.

The cross sectional geometry of the needle tip reduces the angles of the cutting edges which gives improved penetration and control.

A square body on the needle greatly increases needle strength and offers improved stability in the needle holder.

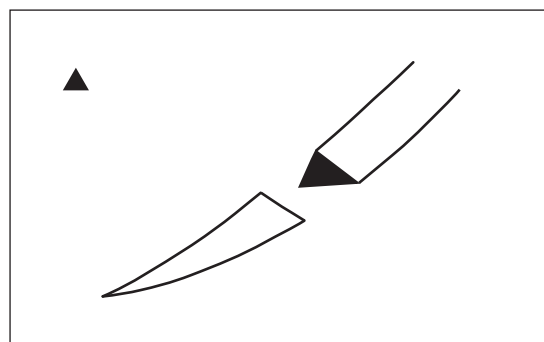
PRIME needles are available with either a reverse cutting or a conventional cutting profile.



Cutting Needles - for Skin Closure

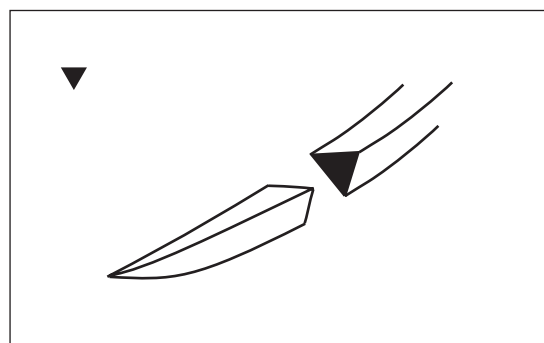
Conventional Cutting Needle

This needle has a triangular cross section with the apex of the triangle on the inside of the needle curvature. The effective cutting edges are restricted to the front section of the needle and merge into a triangulated body which continues for half the length of the needle.



Reverse Cutting Needle

The body of this needle is triangular in cross section, having the apex cutting edge on the outside of the needle curvature. This improves the strength of the needle and particularly increases its resistance to bending.

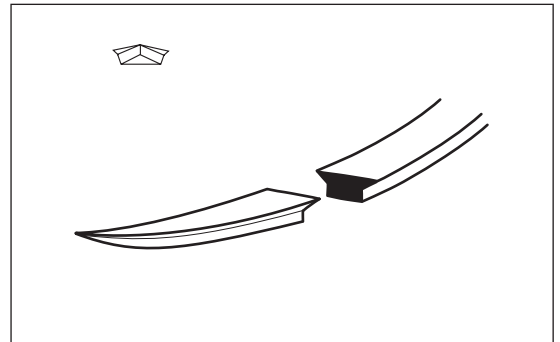


Ophthalmic Needles

These fine needles are manufactured using a unique process which ensures extremely sharp cutting edges. The range includes spatulated designs for suturing specific layers of the eye in Anterior Segment surgery in addition to round bodied, cutting and TAPERCUT designs for specific ophthalmic and oculoplastic procedures.

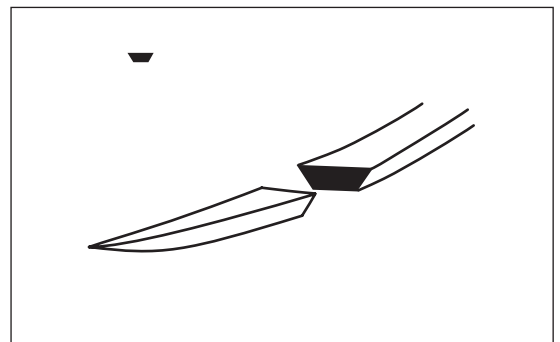
CS-ULTIMA Spatula Needle

This needle represents a dramatic change in ophthalmic needle design. Its concave spatula geometry requires considerably less force to penetrate corneal scleral tissue than existing needles. This results in much less disruption of the of the cornea and the real possibility of reduced post-operative suture related astigmatism.



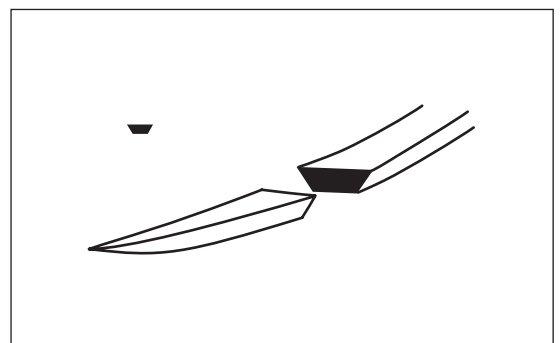
ADVANCED MICRO-POINT Spatula Needle

Due to the ultra fine diameter of this needle, a new concept of design has been necessary. An extremely sharp cutting point has been merged into a square body to produce superb penetration characteristics. In addition, the square body greatly increases resistance to bending and gives much improved needle holder security, locking the needle at the correct angle for secure accurate suture placement.



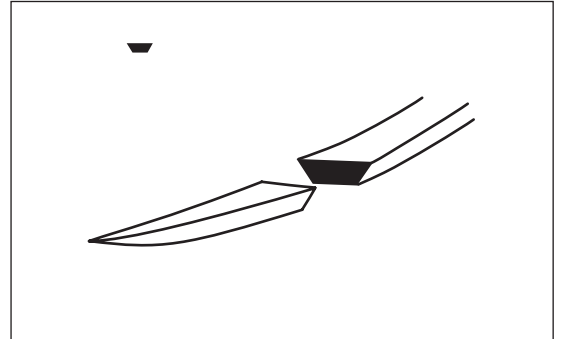
MICRO-POINT Spatula Needle

This needle has a thin, flat profile which allows the needle to penetrate between the layers of scleral or corneal tissue.



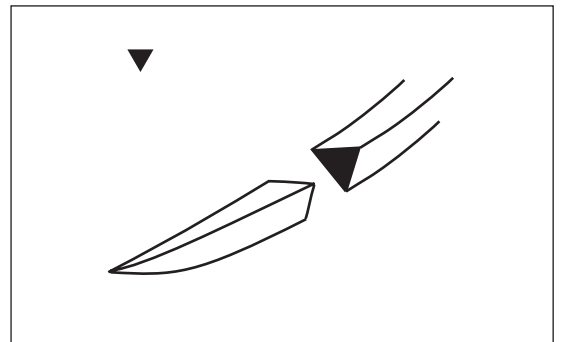
SPATULATED Needle

Similar in cross section to MICRO-POINT Spatula needles, this is designed for scleral suturing which requires stronger needles and where the elimination of cut out or cut down by a third edge is essential.

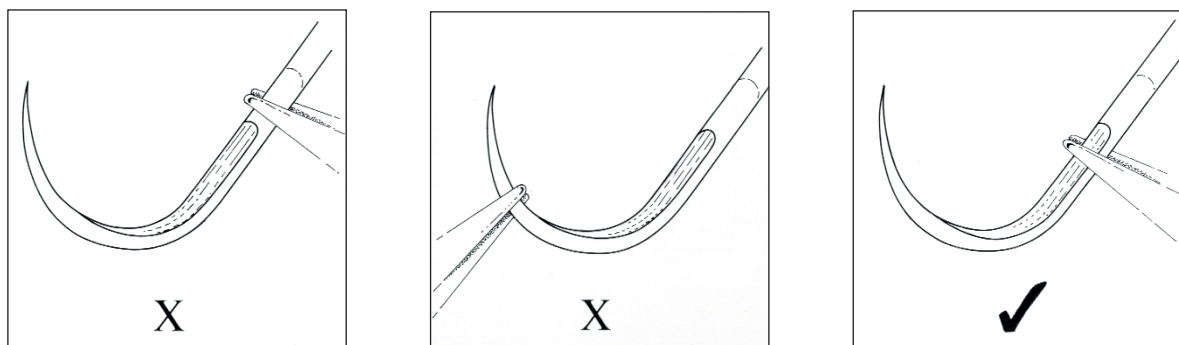


MICRO-POINT Reverse Cutting Needle

The third cutting edge of this needle lies on the outside of its curvature, thereby eliminating the possibility of needle cut out during suture placement.



Use of Needle Holders

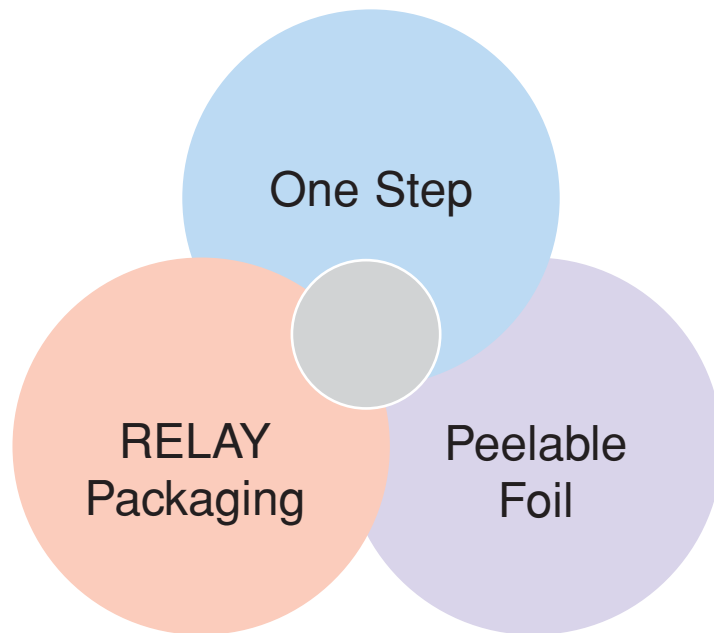


- 1** The needle holder should be carefully selected to match the size and strength of the needle to be used. The use of a needle holder larger than required can result in damage to the needle and in particular, distortion of the curvature.
- 2** The needle holder should be in good condition as worn jaws can result in needle rotation and instability in the needle holder. Nicks or defects in the needle holder jaws can also cause damage to the needle and loss of strength.
- 3** Needles should be grasped securely on the tip of the needle holder jaws.
- 4** Needles should only be held in the flattened area provided and should not be grasped on the attachment area or near to the needle point. Needles which are not flattened should be grasped for placement at a point approximately one third of the needle length from the butt. Excessive force should not be applied when gripping the needle, particularly with Tungsten Carbide jaw inserts, as this may damage the needle body and cause loss of strength or breakage.

Use of Surgical Needles

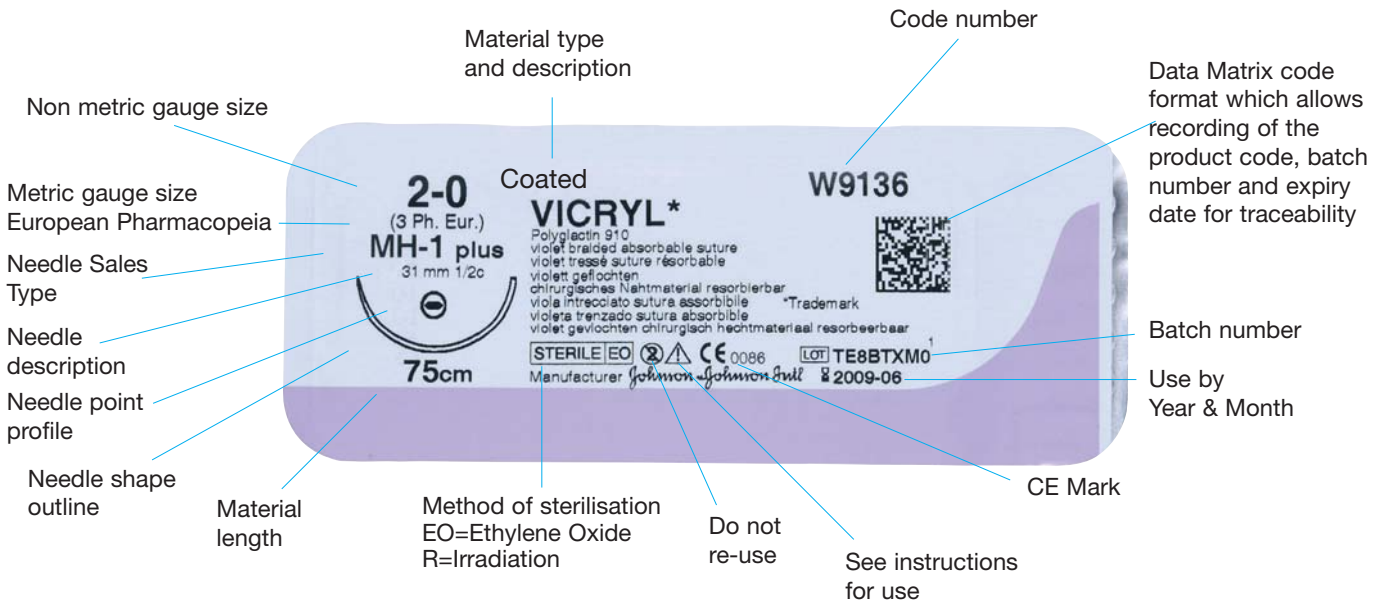
- 1** The force required to achieve passage of the needle through tissue should be applied in a direction following the curvature of the needle.
- 2** Care should be taken to match the size of the needle to the size of tissue bite required. The use of too small a needle for a given tissue bite can lead to bending.
- 3** Should the placement of the needle in tissue require to be readjusted, the needle should be removed and re-inserted. No attempt should be made to twist the needle in tissue.
- 4** The needles should normally be inserted separately into each side of the tissue to be approximated and should not be used to bridge a wound.

Packaging Information

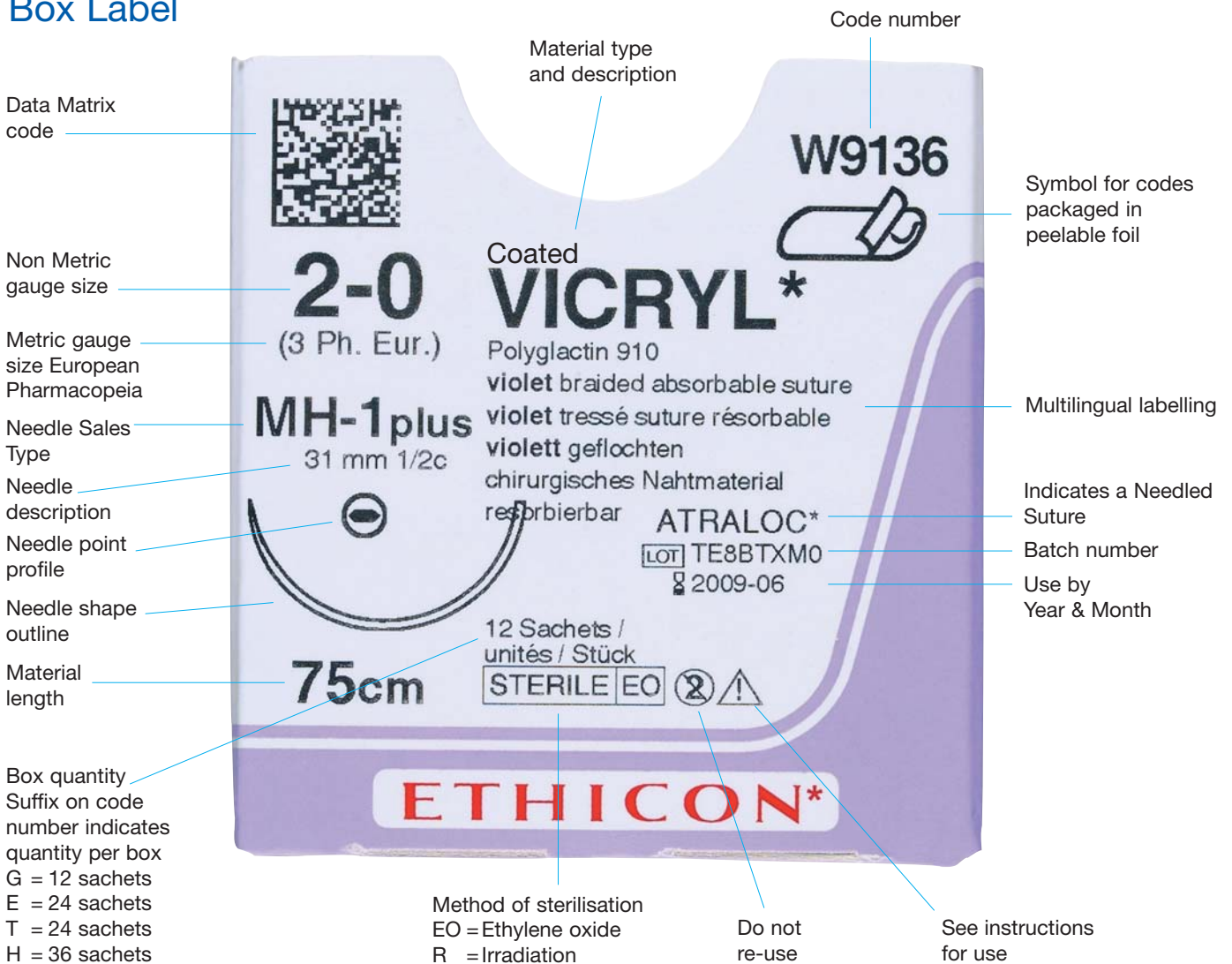


Suture Labelling Guide



























Sachet Label



Box Label















Needle Point Profiles

Needle Profile	Old Graphic	New Graphic
Taper Point (Round Bodied)		
Taper Point Plus (modified point)		
ETHIGUARD Blunt Point Needle		
Blunt Point		
TAPERCUT Needle		
CC Needle		
TROCAR Point		
Conventional Cutting		
Reverse Cutting		
PRIME Needle Conventional Cutting		
PRIME Needle Reverse Cutting		
CS ULTIMA Spatula Needle		
Spatula		

Multi - Lingual Symbols

The European Association of Surgical Suture Industry has developed a system of symbols which is designed to describe various suture product characteristics in an intuitive, pictorial manner. The use of symbols is permitted by the Medical Device Directive and enables companies to provide information to the customer without having to provide multilingual translations.

Symbol	Description	Example Product
	Dyed Absorbable Braided Coated	Coated VICRYL* (dyed)
	Dyed Absorbable Monofilament	MONOCRYL* (dyed)
	Dyed Non-absorbable Braided Coated	MERSILK* (dyed)
	Dyed Non-absorbable Braided Coated	NUROLON* (dyed)
	Dyed Non-absorbable Monofilament	PROLENE* (dyed)
	Dyed Non-absorbable Twisted Coated	Virgin Silk (dyed)
	Undyed Absorbable Braided Coated	Coated VICRYL* (undyed)
	Undyed Absorbable Monofilament	PDSII (clear)
	Undyed Non-absorbable Braided Coated	ETHIBOND* EXCEL (undyed)
	Undyed Non-absorbable Monofilament	PROLENE* (undyed)
	Undyed Non-absorbable Twisted Coated	Virgin Silk (undyed)
	Undyed Non-absorbable Twisted	Steel Wire (multifilament)

Examples of Symbols on Suture Sachets

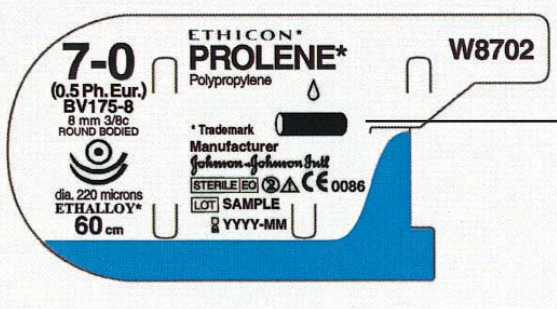
The following page show examples of how the symbols could look on packaging for ETHICON suture materials.

Coated VICRYL



	Dyed Absorbable Braided Coated	Coated VICRYL* (dyed)
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PROLENE



	Dyed Non-absorbable Monofilament	PROLENE* (dyed)
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ETHICON Products the First Company to individually Bar Code their Sutures

Whilst bar coding of suture boxes has become standard practice for most suture manufacturers, it has not been possible to bar code individual suture sachets due to the practicality of printing in the small space available. However, a wide range of our customers has asked ETHICON to consider alternative methods - enabling automatic data capture on every suture.



Following extensive consultation with the leading bar code technology companies - ETHICON, in conjunction with the Health Industry Business Communications Council (HIBCC), has now made this possible. Each ETHICON suture sachet produced now carries an advanced two-dimensional (2D) bar code called Data Matrix. This tiny bar code, despite being a fifth of the size of a traditional bar code, contains the same information that is present in the two bar codes positioned on the outer suture pack.

Data Matrix Bar Code

The following information is provided in the Data Matrix Bar Code on individual ETHICON suture foils:

- Manufactured by ETHICON
- Product code
- Packaging level
- Lot number
- Expiry date

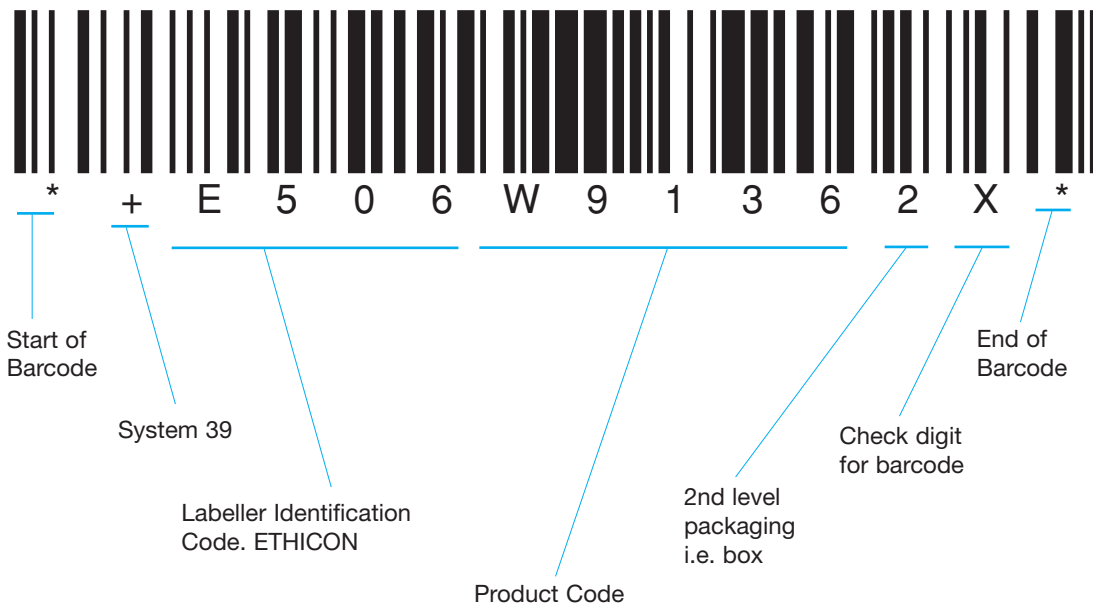


Bar Coding

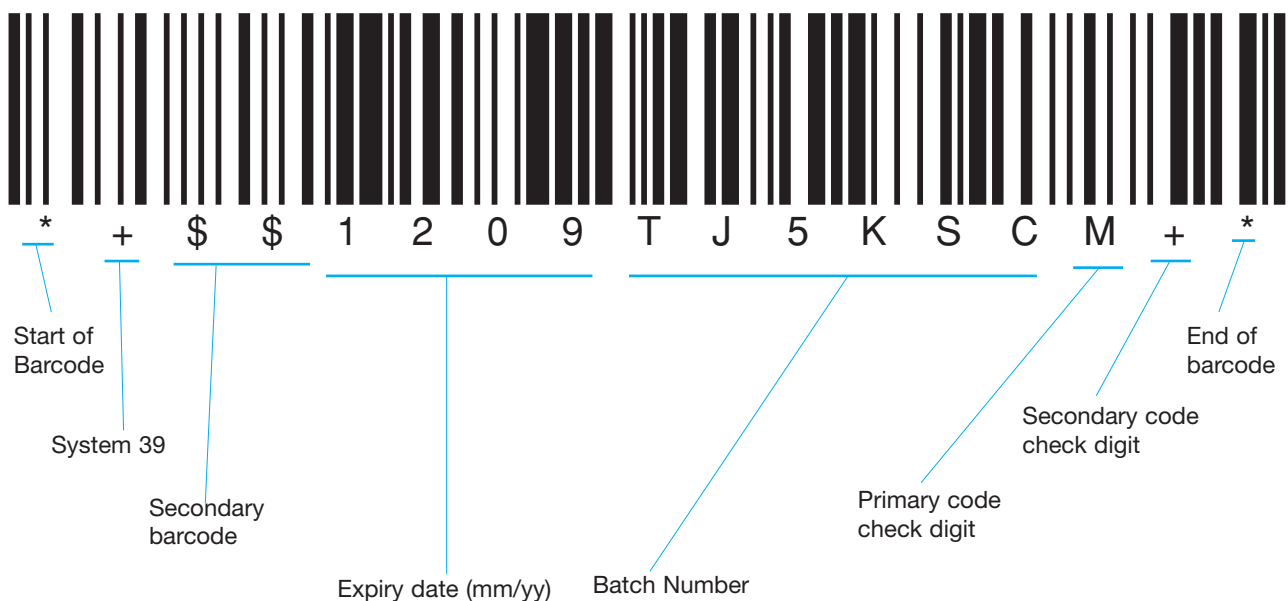
Our cartons feature bar coding which adhere to the Health Industry Business Communications Council (HIBCC) standard. The system allows the inclusion of a lot number and expiry date in a secondary bar code to assist in stock control.

The examples of bar coding shown below explain the various characters contained in the code and their meaning.

Primary Bar Code



Secondary Bar Code



RELAY Packaging system



The design of the dispensing tray minimises suture memory and offers easier handling for surgeon and nurse.

- One Step Arming
 - The needle can be armed directly from the dispensing tray.
The open jaws of the needle holder are placed over the needle and the tips of the holder push the flexible rear panel of the tray backwards to obtain the preferred position of the needle in the needle holder. This reduces the need to re-position the needle once armed.
- Smooth and easy dispensing
 - Dispense the suture by turning the needle point down, away from the thread, then gently pull to the right in a straight line. For a double needled suture the second needle can also be removed with a needle holder or carefully with the fingers if preferred.
- Reduced suture memory
 - The design of the dispensing tray minimises suture memory and further straightening should not be required.

Peelable Foil








With peelable foil there is only One Step to deliver the inner folder onto the sterile tray.

The outer foil is peeled open to reveal the inner dispensing tray which is delivered quickly and safely onto the sterile tray.



Medical Device Directive Labelling

The following symbols (from European Standard EN980) are used on our labelling.

Symbol	Meaning
	CE-mark and identification number of notified body. Product conforms to the essential requirements of the Medical Device Directive 93/42/EEC
	See instructions for use.
	Do not reuse.
	Use by Year & Month.
	Method of Sterilisation – Ethylene Oxide.
	Method of Sterilisation – Irradiation.
	Batch number

Environmental Information

Environmental Initiatives

We are constantly reviewing our packaging to ensure that we use the most environmentally friendly materials and processes wherever possible.

Our goal is to supply products with the lowest volume and weight of packaging and highest recycled content.

The following are examples of our current initiatives;

Suture Cartons

We have converted our cartons from plastic to cardboard. This has not only reduced the weight of the packaging materials used but also provides a more environmentally responsible package.

These cartons are manufactured from virgin material using wood pulp from renewable resources.

Single Barrier Packaging

As part of our waste reduction programme we are moving all packaging to a single barrier design.

Heavy Metal Free Inks

The inks used in our printing processes are free from any heavy metals.

Non CFC Sterilisation

Our Ethylene Oxide sterilisation facility is one of the most modern in the world incorporating the use of non CFC sterilising methods.

Technical Data

Trademarks and Tradenames of ETHICON - As at May 2004

BLAKE Silicone Drains
BLAKE Drain Kit
BLAKE Cardio Connectors
CARDIOVATIONS CO² Blower with Mist
CLEARGLIDE Endoscopic Vessel Harvesting System
CLEARGLIDE ACCEL Endoscopic Vessel Harvesting System
Coated VICRYL (Polyglactin 910) Suture
Coated VICRYL Plus Antibacterial (Polyglactin 910) Suture
Coated VICRYL *rapide* (Polyglactin 910) Braided Suture
CONTROL RELEASE needle or needled suture
CORLINK PROXIMAL Anastomotic Device
CS ULTIMA Ophthalmic Needles
DERMABOND Topical Skin Adhesive (2-Octyl Cyanoacrylate)
High Viscosity DERMABOND Topical Skin Adhesive (2-Octyl Cyanoacrylate)
DERMABOND ProPen Topical Skin Adhesive (2 Octyl Cyanoacrylate)
DERMABOND ProPen XL Topical Skin Adhesive (2 Octyl Cyanoacrylate)
EASY ACCESS Packaging/Package/Product/System
ENDOKNOT Pre-tied Suture
ENDOKNOT Suture
ENDOLOOP Coated VICRYL (Polyglactin 910) Ligature
ENDOLOOP PDS (Polydioxanone) Ligature
ETHALLOY Needle Alloy
ETHIBOND Polybutylate Coated Braided Polyester Suture
ETHIBOND EXCEL Polybutylate Coated Braided Polyester Suture
ETHICON Wound Closure Products/Sutures, etc.
ETHIGUARD Blunt Point Needle
ETHILON Monofilament Polyamide 6 or 6/6 Suture
ETHISORB Patch/Pledget
ETHIZIP Temporary Abdominal Wound Closure Device
HEMO-SEAL Needle Suture
J-VAC Bulb Suction Reservoir
J-VAC Closed Wound Drainage System
J-VAC Drains
J-VAC Reservoirs
LIGAPAK Dispenser Reel
MERSILENE Braided Polyester Suture
MERSILENE Monofilament Polyester Suture
MERSILENE Interlocked Polyester Fibre Mesh
PROLENE Monofilament Polypropylene Suture
PRONOVA Poly (Hexafluoropropylene-VDF) Monofilament Suture
MERSILENE Polyester Tape
MERSILK Braided Silk Suture
MICRO-POINT Surgical Needle
MONOCRYL (Poliglecaprone 25) Monofilament Suture
MultiPass Needles
PROLENE Knitted Polypropylene Fibre Mesh
NUROLON Braided Polyamide 6/6
One-Step RELAY Package with Peelable Foil
PANACRYL Braided Poly [L-Lactide/Glycolide] Suture
PC PRIME Needle
PDS (Polydioxanone) Monofilament Suture
PDS II (Polydioxanone) Monofilament Suture
P PRIME Needle
PROCEED Surgical Mesh pliable multi-layer tissue separating mesh for incisional hernia repair
PROLENE 3D PATCH Polypropylene Mesh
PROLENE Polypropylene Hernia System
PROXI-STRIP Skin Closure
PS PRIME Needle
RELAY Suture Delivery System
RELAY Suture Package
SLIM BLADE Needle
SUPER CUTTING Needle
SUTUPAK Pre-cut Sterile Sutures
TAPERCUT Reverse Cutting Pointed Round Bodied Needle
ULTRACISION HARMONIC SCALPEL Ultrasonic Energy Device
ULTRAPRO Composite Mesh of MONOCRYL (Poliglecaprone 25) and PROLENE Polypropylene
VICRYL (Polyglactin 910) Periodontal Mesh
VICRYL (Polyglactin 910) Knitted Mesh
VICRYL (Polyglactin 910) Woven Mesh
VISI-BLACK Surgical Needle
VYPRO Mesh Composite Mesh of PROLENE Monofilament Polypropylene and VICRYL (Polyglactin 910)
VYPRO II Mesh Composite Mesh of PROLENE Monofilament Polypropylene and VICRYL (Polyglactin 910)



Capitalised product names are trademarks of ETHICON.