

UNIVERSAL SUTURES  
"HEALING BEYOND COMFORT"



Sutures  
Mesh  
Bone Wax

AN ISO & CE CERTIFIED SURGICAL SUTURES AND MESH MANUFACTURING COMPANY  
We Manufacture complete range of Surgical Sutures, Hernia Mesh & Bonewax

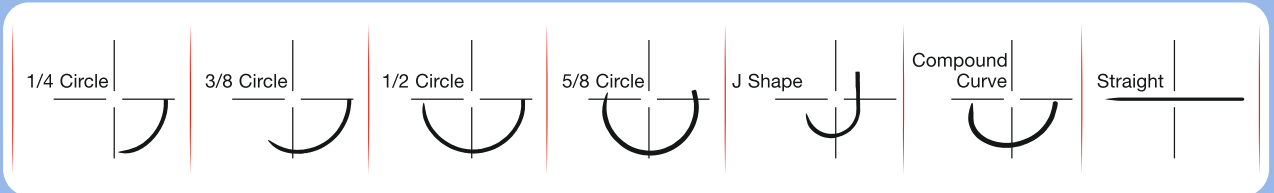
## **Welcome to Unisur Lifecare Pvt. Ltd.**

Quality sutures define us. They rather differentiate us in the market. Because we believe that when it comes to surgery nothing can be left to chance and there can be no room for compromises either.

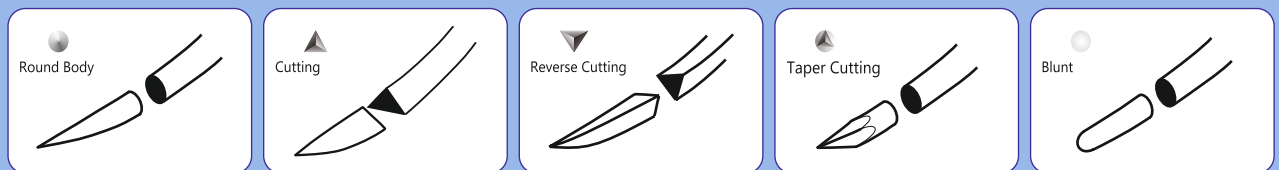
Based in Bangalore, India we use highly sophisticated and advanced equipments for manufacturing and packing sutures. So is the process designed and operated by Unisur Lifecare Pvt. Ltd., highly professional and dedicated technical and non-technical manpower. The quality sutures we manufacture cater to a wide range of surgeries varying from Urology, Ophthalmology, Gynecology, Orthopedics, Neurology, Laparoscopy, Wound care and Cardiac Care. Our sutures invariably conform to the standards of UNITED STATES PHARMACOPEIA, better known as USP.

Established in the year 2011, we have made our mark in the domain of Manufacturing, Supplying and Exporting of all kinds of Sterile and Non Sterile Surgical Sutures & Surgical Mesh. Our products are a cut above the rest due to their non-reactive nature, cost-effectiveness and great strength.

## Needle Shape



## Needle Type:

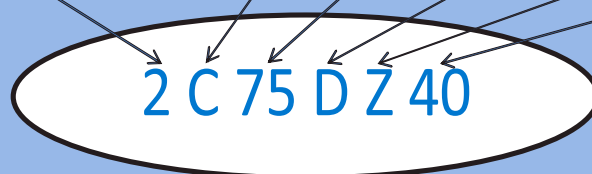


## International Coding Pattern

Code 1	Product	Code 2	USP Size	Code 3	Code 4	Needle Curvature	Code 5	Needle Type	Code 6
1	Braided & Coated Polyglycolic Acid Undyed	A	3	SUTURE LENGTH in cm	C	3/8 Circle	Z	Round Body / Taper Point	NEEDLE LENGTH in mm
2	Braided & Coated Polyglycolic Acid	B	2		D	1/2 Circle	Y	Cutting	
3	Monofilament Polyamide (Nylon)	C	1		A	Straight	X	Reverse Cutting	
4	Catgut Chromic	D	0		E	5/8 Circle	K	Taper Cutting	
5	Black Braided Silk	E	2-0				T	Trocar Point	
6	Braided Polyester	F	3-0				R	Blunt Point	
7	Catgut Plain	G	4-0				S	Spatula	
8	Monofilament Polypropylene	H	5-0						
9	Monofilament Polydioxanone	I	6-0						
10	Braided & Coated Polyglactin 910	J	7-0						
11	Monofilament Polyglcaprone 25	K	8-0						
12	Braided & Coated Polyglactin 910 Undyed								

## Example:

Braided & Coated Polyglycolic Acid	Size 1	75cm	1/2 Circle	Round Body	40mm
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# UNISIL

## Black Braided Silk

### Non Absorbable Surgical Suture U.S.P.



**UNISIL – Black Braided Silk** Suture is a non absorbable, sterile, surgical suture composed of an organic protein called fibroin. This protein is derived from the domesticated species *Bombyx mori* (B. Mori) of the family Bombycidae.

UNISIL sutures are processed to remove the natural waxes and gums. UNISIL suture is dyed black and coated with a special wax mixture. UNISIL Black Braided Silk is also available in its natural color.

UNISIL Virgin silk is available in which the sericin gum is not removed and serves to hold the filaments together. In-house needle manufacturing provides you the better needles with optimum sharpness which finally delivers smooth riding on tissues during suturing.

#### Indications:

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

- Highest purified protein from Species B. Mori results no tissue reaction
- Beeswax coated ultra smooth surface decrease suturing timing followed by no tissue trauma
- Unmatched Knot strength provides satisfaction to user
- USP approved dye increases visibility followed by no reaction

#### Best Used By:

- Orthopaedic Surgeons,
- General Surgeons,
- Gynaecologists,
- Cardiac Surgeons,
- Endoscopic Surgeons

#### Ultimate Suture For:

- Skin Closure
- Hard Tissues approximation
- Tendon Repair
- Muscles approximation

#### Additional Information:

Suture Characteristics	:	Non Absorbable Surgical Suture
Type	:	Braided
Material	:	Braided Silk
Color	:	Black
Absorption	:	Non Absorbable
USP Range	:	5/0 – 2
Sterilization	:	EO (Ethylene Oxide)
Shelf Life	:	5 Years
Product Characteristics	:	Excellent tensile strength, Excellent knot tying, Minimum tissue reaction.
Packaging	:	In food grade folder packed in a medical grade pouch, with or without needle
Needle Type	:	Round bodied, cutting edge, taper point, straight, blunt point
MFG. LIC No	:	MFG/MD/2020/000109
OEM. LIC No	:	N. Code: KA/DEVICE/MFG/MD/2020/000109



# UNISIL

Black Braided **Silk**

Non Absorbable Surgical Suture U.S.P.



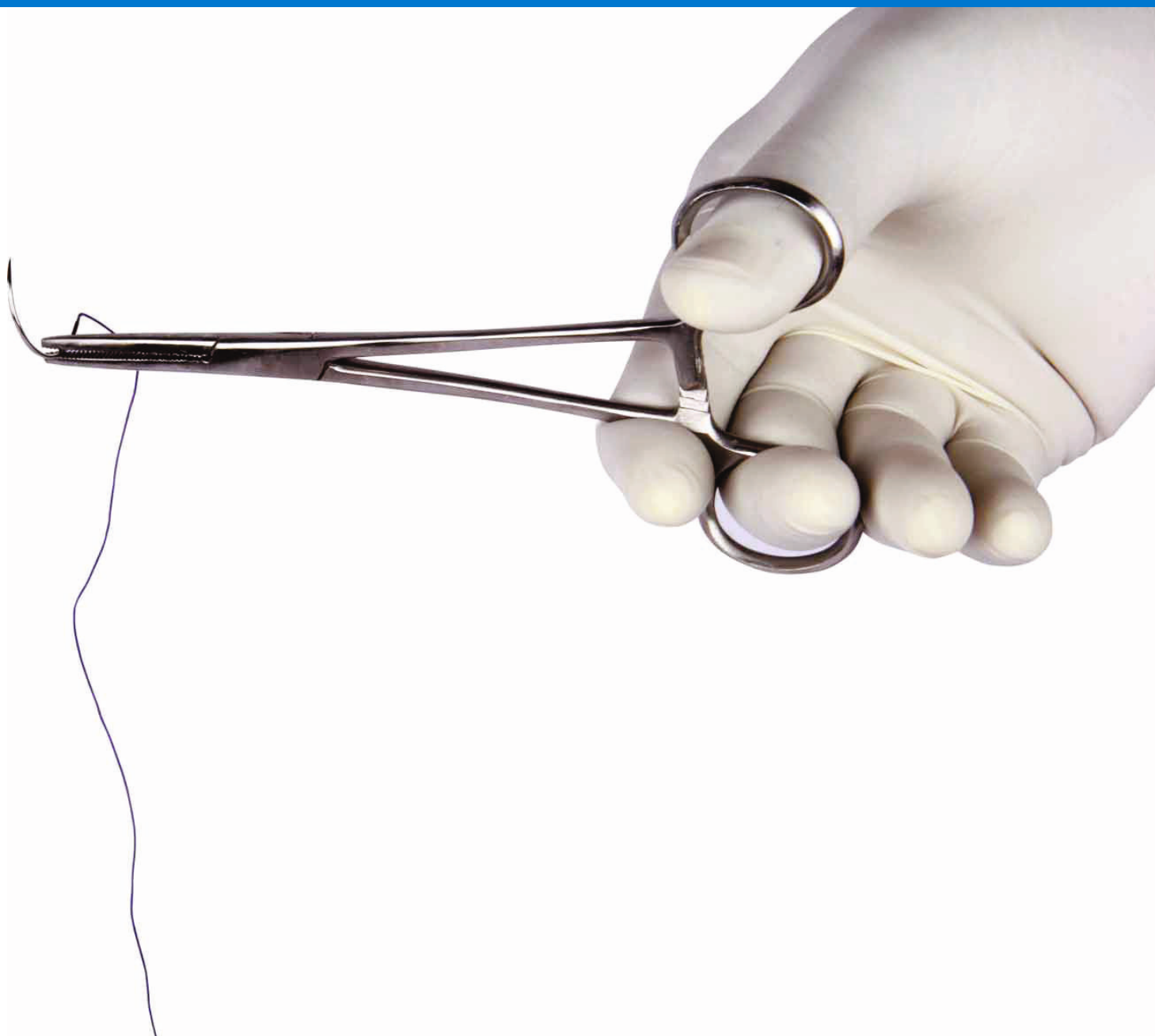
Code No.	SUTURE		NEEDLE DESCRIPTION
	USP SIZE	LENGTH	
5E75CY26	2-0	75 cm	3/8 Circle Cutting
5E75CX24	2-0	75 cm	3/8 Circle Reverse Cutting
5E12X60	2-0	12x60	Without Needle
5D75CY40	0	75 cm	3/8 Circle Cutting
5C75CY40	1	75 cm	3/8 Circle Cutting
5E13X60	2-0	13x60	Without Needle
5G75CZ16	4-0	75 cm	3/8 Circle Round Bodied 16mm
5F75DZ30	3-0	75 cm	1/2 Circle Round Bodied 30mm
5F60	3-0	60 cm	Without Needle
5D60	0	60 cm	Without Needle
5F75CX19	3-0	75 cm	3/8 Circle Reverse Cutting 19mm
5F75CX25	3-0	75 cm	3/8 Circle Reverse Cutting 25mm
5F75CX30	3-0	75 cm	3/8 Circle Reverse Cutting 30mm
5F75DX25	3-0	75 cm	1/2 Circle Reverse Cutting 25mm
<b>5F75DZ26</b>	<b>3-0</b>	<b>75 cm</b>	1/2 Circle Taper Point <b>26mm</b>
5F75DX30	3-0	75 cm	1/2 Circle Reverse Cutting 30mm
5E75DZ22	2-0	75 cm	1/2 Circle Taper Point 22mm
<b>5E75DZ30</b>	<b>2-0</b>	<b>75 cm</b>	1/2 Circle Taper Point <b>30mm</b>
5E75CZ30	2-0	75 cm	3/8 Circle Reverse Cutting 40mm
5D75DZ26	0	75 cm	1/2 Circle Taper Point 26mm
5D75DZ35	0	75 cm	1/2 Circle Taper Point 35mm
5F45DZ26	3-0	45 cm	1/2 Circle Taper Point 26mm
5E75DZ25	2-0	75 cm	1/2 Circle Taper Point 25mm
5D75DZ25	0	75 cm	1/2 Circle Taper Point 25mm
5F75	3-0	75 cm	Without Needle
5D60	0	60 cm	Without Needle
5F75DZ26	3-0	75 cm	1/2 Circle Round Body 26mm
<b>5F75CX25</b>	<b>3-0</b>	<b>75 cm</b>	3/8 Circle Reverse Cutting <b>25mm</b>
<b>5F75DX25</b>	<b>3-0</b>	<b>75 cm</b>	1/2 Circle Reverse Cutting <b>25mm</b>
<b>5F75DX26</b>	<b>3-0</b>	<b>45 cm</b>	1/2 Circle Reverse Cutting <b>26mm</b>

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Black Braided Silk  
Non Absorbable Surgical Suture U.S.P.



Code No.	SUTURE		NEEDLE DESCRIPTION
	USP SIZE	LENGTH	
5F75DX30	3-0	75 cm	1/2 Circle Reverse Cutting 30mm
5F75CX30	3-0	75 cm	3/8 Circle Reverse Cutting 30mm
5E75DZ22	2-0	75 cm	1/2 Circle Round Body 22mm
5E75DZ25	2-0	75 cm	1/2 Circle Taper Point 25mm
5E75DZ30	2-0	75 cm	1/2 Circle Round Body 30mm
5E75CX40	2-0	75 cm	3/8 Circle Reverse Cutting 40mm
5C75DZ25	0	75 cm	1/2 Circle Taper Point 25mm
5D75DZ26	0	75 cm	1/2 Circle Taper Point 26mm
5C75DZ35	0	75 cm	1/2 Circle Round Body 35mm
5D75CX30	0	75 cm	3/8 Circle Reverse Cutting 30mm
5C75DZ35	1	75 cm	1/2 Circle Taper Point 35mm



REGISTERED OFFICE :

**UNISUR LIFECARE PVT. LTD.**

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E-Mail: [info@universalsutures.com](mailto:info@universalsutures.com) | Web.: [www.universalsutures.com](http://www.universalsutures.com)

CORPORATE OFFICE :

**UNISUR LIFECARE PVT. LTD.**

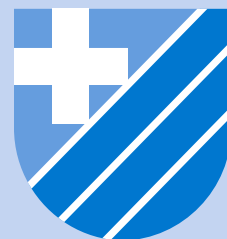
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**UNISUR**  
Lifecare Pvt. Ltd.

**CE** EN ISO 13485  
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**NSIC**