

Handmade and Customized Sutures,
Needles and Surgical blades,
All made in Korea.



AILEE
Since 1963



SINCE 1963

AILEE

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ABSORBABLE SUTURES



SURGIFIT

PGA

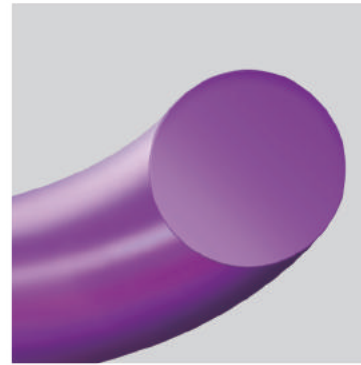
Color
Violet
Beige(Undyed)

Tensile Strength
: 2 Weeks 75%

Sterilization
Ethylene Oxide

Size
USP 8/0 ~ 2
EP 0.4 ~ 5

100% synthetic absorbable braided Surgifit Suture, which is made from P.G.A (Polyglycolic Acid), can be hydrolyzed and fully absorbable within 60 days ~ 90 days and it gives easy passage-through and superior knot stability.



MONOFIT-S

PGCL

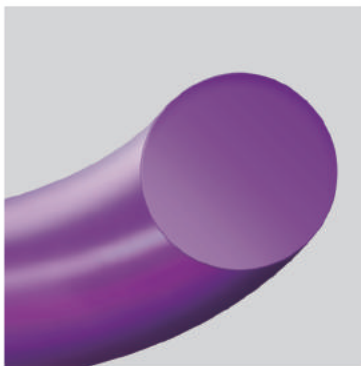
Color
Violet
Beige(Undyed)

Tensile Strength
: 2 Weeks 30%

Sterilization
Ethylene Oxide

Size
USP 6/0 ~ 2
EP 0.7 ~ 4

Polymer absorbable suture, which is made from 75% Glycolide and 25% Caprolactone, can be hydrolyzed and fully absorbable within 80 ~ 120 days and it gives easy passage-through with its single strand suture and it has low frictional force during tissue passage-through.



MONOFIT-L

PDO

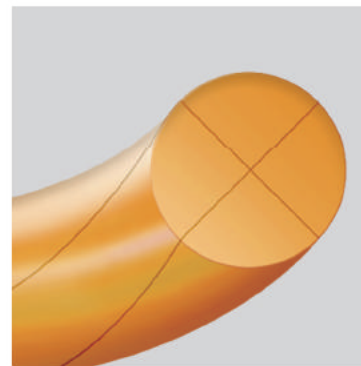
Color
Violet
Beige(Undyed)

Tensile Strength
: 2 Weeks 90%

Sterilization
Ethylene Oxide

Size
USP 7/0 ~ 2
EP 0.5 ~ 5

Polymer absorbable suture, which is made from Para-Dioxanone monomer through catalyst reaction, can be hydrolyzed and fully absorbable within 180 ~ 240 days and it has superior flexibility with its single strand suture and its smooth surface ensures less trauma in the tissue by easy passage-through and minimum injury occurrence.



CHROMIC

Catgut

Color
Brown

Tensile Strength
: 2 Weeks 90%

Sterilization
Irradiation

Size
USP 6/0 ~ 3
EP 1 ~ 7

Collagen absorbable suture, which is made from purified beef or sheep intestines (Serosa layer or Submucosal layer), can be broken down through enzyme reaction and fully absorbable within 90 days and it has superior flexibility with its single strand suture and its smooth surface ensures less trauma in the tissue by easy passage-through and superior secure knotting.



BARBEDFIT

B-PDO

Color
Violet

Tensile Strength
: 2 Weeks 90%

Sterilization
Ethylene Oxide

Size
USP 4/0 ~ 2

Disposable barbed suture coated with biodegradable polydioxanones for suturing and ligaturing tissues. Barbedfit is a synthetic absorbable mono-filament suture made from Poly-dioxanone which can be fully absorbed within 180~240 days.



POLYFIT

PGLA

Color
White(Undyed)
Violet

Tensile Strength
: 2 Weeks 75%

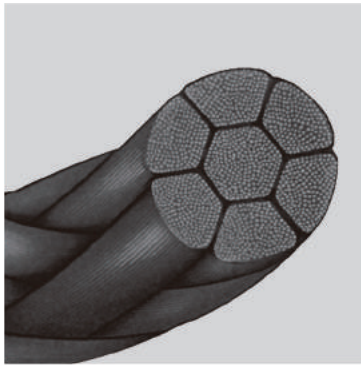
Sterilization
Ethylene Oxide

Size
USP 6/0 ~ 2

Synthetic biodegradable multifilament suture made from polyglactin (Polyglycolide-co-L-lactide) with a needle attached. The suture is copolymer made from 90% of glycolide and 10% of L-lactide, and it can be hydrolyzed within 60~80 days. The retention power of PGLA is more than 75% of the initial strength after 14 days at 37°C.

Coming soon

NON-ABSORBABLE SUTURES



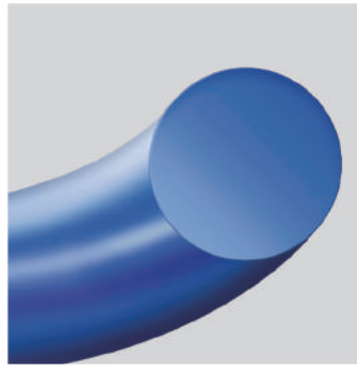
SILK

Color
Black
White(Undyed)

Sterilization
Ethylene Oxide

Size
USP 8/0 ~ 2
EP 0.4 ~ 5

Non-absorbable suture, which is made of high purity natural silk, consists of 99% protein through degumming method, and it ensures about 3 months strength retention in tissue. It is made from multi-strand and coated with silicone, so it ensures the smooth surface and less trauma in the tissue by easy passage-through and superior knot stability.



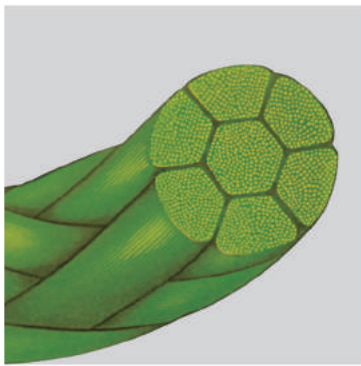
NYLON

Color
Black, Blue
White(Undyed)

Sterilization
Ethylene Oxide

Size
USP 11/0 ~ 2
EP 0.1 ~ 5

Non-absorbable suture, which is made of Polyamide 6 and Polyamide 6.6, ensures prolonged permanent tensile strength retention in tissue. It is made from single strand, so it ensures the smooth surface and less trauma in the tissue by easy passage-through, and it lessens the infection risk by minimizing bacterial growth.



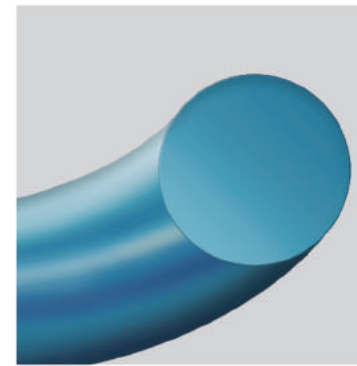
POLYESTER

Color
Green
White(Undyed)

Sterilization
Ethylene Oxide

Size
USP 7/0 ~ 5
EP 0.5 ~ 7

Non-absorbable suture, which is made of Polyester material, ensures prolonged permanent tensile strength retention in tissue. It is made from multi-strand and coated with silicone, so it ensures good handling, superior knot stability, easy passage-through and easy knot as well as strong tensile strength.



POLYPROPYLENE

Color
Blue

Sterilization
Ethylene Oxide

Size
USP 11/0 ~ 3
EP 0.1 ~ 6

Non-absorbable suture, which is made of Polypropylene material, ensures prolonged permanent tensile strength retention in tissue without any showing of weakness in severe infected tissue, while it sustains the tissue strongly and stably. It is made from single strand, and it has smooth surface and superior knot stability.



NEEDLES

Needle type

Type	Shape	Design	Cutting Pattern
TAPER POINT			
BLUNT POINT			
TAPERCUT			
REVERSE CUTTING			
SPATULA			
DIAMOND			
TROCAR POINT			

Eye type

Regular Eye	French Eye	French Spring Eye	Eyeless

Circle type

Straight	Half Curved	1/4 Circle	3/8 Circle
1/2 Circle	5/8 Circle	Fish Hook	Compound Curved

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Schaumburg IL 60173, USA

BLADES



Use Handle No.3

10



11



12



12D



15



15C



Use Handle No.4

20



21



22



23



24



25

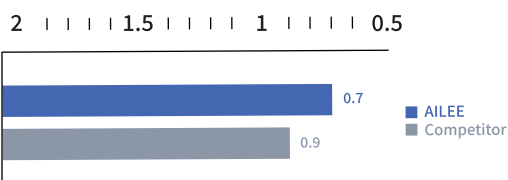


WHAT'S COMING UP

Ailee is planning to provide the world's best surgical blade with the strongest cutting force

Product comparison with our main competitor

Average



Conclusion

Ailee's No.11 surgical blade displayed 22% better cutting force than its competitive product.