

SURGICAL SUTURE PORTFOLIO

SkySuture.

Nine sutures. Two families. Every name tells the surgeon the polymer.

NON-ABSORBABLE • NR

ABSORBABLE • AR



ABOUT SKYSUTURE

Serving the medical industry since 1983, Sky Biotechnology produces surgical sutures within Class 100, Class 1000 and Class 10000 areas. SkySuture products have been used confidently by more than 1,000 private and state hospitals for over 20 years, and are supplied to leading university, state and private hospitals as well as exported to many countries including European markets.

1983

MANUFACTURING
SINCE

1,000+

HOSPITALS SERVED

100

CLEANROOM CLASS

9

SUTURE PRODUCTS

NAMING SYSTEM

Every product is **Sky** plus the international root of its polymer. The surgeon reads the polymer directly from the name — SkyLene for polypropylene, SkyGlyde for glycolide, SkyDiox for polydioxanone. No translation required in any market.

TWO FAMILIES

- **SkySuture NR** — non-absorbable, four products
- **SkySuture AR** — absorbable, five products



NON-ABSORBABLE SUTURES

4 PRODUCTS

PRODUCT	POLYMER STRUCTURE	FILAMENT	COATING MATERIAL	COLOUR	USP RANGE	TENSILE STRENGTH	STERILIZATION	SPECIFICATIONS
SkyLene	Polypropylene	Monofilament	—	Blue	10/0 – 2	Permanent (non-absorbable)	EO	High tensile strength, high knot security, outstanding level of lubricity and elasticity, minimum tissue reaction. Ideal suture for infected tissues; optimum suture in cardiovascular surgery.
AREAS OF USE Dermis/subcutaneous (fat), subcutaneous (fat), ligation, peritoneum, stomach, small intestine, colon, urinary bladder, uterus, vaginal canal, plastic surgery.								
SkyMid	Polyamide 6 • 66	Monofilament	—	Black • Blue	7/0 – 2 11/0 – 8/0	Permanent (non-absorbable)	EO	Extremely high strength, high knot security, safe knot placement, ease of use, elasticity, lubricant transition within tissues.
AREAS OF USE Skin closure, plastic surgery, ophthalmic surgery and micro surgery.								
SkySilk	Natural silk	Braided	Silicon-based	Black • Blue	7/0 – 3 8/0 (virgin)	Reduced in progress of time	EO	Extremely high strength, high knot security, safe knot placement, ease of use, elasticity.
AREAS OF USE Ligation and surgical closures, general surgery, ophthalmic surgery, plastic surgery and neurosurgery.								
SkyTer	Polyethylene terephthalate (polyester)	Braided	Silicon-based	Green • White	6/0 – 5	Permanent (non-absorbable)	EO	Perfect level of strength, outstanding knot security, safe knot placement, ease of use. Extremely ideal for cardiovascular and implant surgeries.
AREAS OF USE General surgery, cardiovascular and plastic surgery.								

ABSORBABLE SUTURES

5 PRODUCTS

PRODUCT	POLYMER STRUCTURE	FILAMENT	COATING MATERIAL	COLOUR	USP	TISSUE SUPPORT	TENSILE STRENGTH	ABSORPTION	STERILIZATION	SPECIFICATIONS
SkyGlyde	Polyglycolic acid (PGA)	Braided	Polyglycolide-co-L-lactide & calcium stearate (Glycomer 370); polycaprolactone & calcium stearate coated type also available	Violet Undyed	8/0 – 2	Medium term 30 days	70% 2nd week 50% 3rd week	60 – 90 days	E0	High strength, high knot security, ease of use.
AREAS OF USE General soft tissue approximation, ligation, fascia, peritoneum, laparoscopy incision (cut) closures, ophthalmic surgery, hernia, cholecystectomy, orthopedic surgery, skin closure, gastrointestinal surgery, urology, plastic surgery.										
SkyLactin	Polyglycolide-co-L-lactide 90/10	Braided	Polyglycolide-co-L-lactide & calcium stearate	Violet Undyed	8/0 – 2	Medium term 30 days	70% 2nd week 50% 3rd week	56 – 70 days	E0	High strength, high knot security, ease of use.
AREAS OF USE General soft tissue approximation, subcutaneous/intracutaneous, ligation, fascia, peritoneum, ophthalmic surgery, hernia, cholecystectomy, orthopedic surgery, skin closure, gastrointestinal surgery, urology, plastic surgery.										
SkyLactin Rapid	Polyglycolide-co-L-lactide 90/10	Braided	Polyglycolide-co-L-lactide & calcium stearate	Undyed	6/0 – 2	Short term 14 days	50% 5th day 0% 14th day	40 – 45 days	E0 / Gamma	Quick absorption, high knot security, ease of use.
AREAS OF USE Small surgical interventions, pediatric surgery, episiotomy, oral surgery, scalping wounds, skin closure, emergency surgery.										
SkyCapro	Polyglycolide-co-caprolactone 75/25	Monofilament	–	Violet Undyed	7/0 – 2	Short-medium 21 days	60% 1st week 30% 2nd week	90 – 120 days	E0	High tensile strength, ideal monofilament lubricity, ease of use and knot tying.
AREAS OF USE Dermis/subcutaneous (fat), subcutaneous (fat), ligation, peritoneum, stomach, small intestine, colon, urinary bladder, uterus, vaginal canal, plastic surgery.										
SkyDiox	Polydioxanone	Monofilament	–	Violet Undyed	7/0 – 2	Long term 60 days	75% 2nd week 60% 4th week	180 – 210 days	E0	Long-term tissue support, ideal lubricity, optimum suture for loop technique.
AREAS OF USE Fascia, rectum, colon, esophageal, pediatric cardiovascular, tendon, meniscus, caserean, anal sphincter, urinary tract wall, cancer patients, diabetes patients, obese patients.										

ABSORPTION TIMELINE – ABSORBABLE RANGE

PRODUCT	TISSUE SUPPORT	ABSORPTION PROFILE	RELATIVE TIMELINE • DAYS
SkyLactin Rapid	14 days	40 – 45 days	
SkyLactin	30 days	56 – 70 days	
SkyGlyde	30 days	60 – 90 days	
SkyCapro	21 days	90 – 120 days	
SkyDiox	60 days	180 – 210 days	

NAMING SYSTEM – POLYMER ROOTS

PRODUCT	FAMILY	DERIVED FROM	PRODUCT	FAMILY	DERIVED FROM
SkyLene	NR	polypropyl ene	SkyLactin	AR	L- lactide
SkyMid	NR	poly amide	SkyLactin Rapid	AR	L- lactide • fast absorption
SkySilk	NR	natural silk	SkyCapro	AR	capro lactone
SkyTer	NR	poly ester	SkyDiox	AR	poly diox anone
SkyGlyde	AR	poly glyc olic acid			

Each product name combines **Sky** with the international root of its polymer, so the surgeon reads the polymer directly from the name – without a language barrier, in any market.



A brand of international quality.

ADDRESS

Pendik • İstanbul
Türkiye

PHONE

+90 850 840 75 46

E-MAIL

info@skybiotechnology.com

WEB

skybiotechnology.com

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