



PAN  GAEA

# P.G.CRYL

Synthetic Absorbable Polyglycolic Acid, Coated, Braided, Surgical Suture

**Composition** ▶ **Polyglycolic Acid**

**Construction** ▶ **Braided**

**Coating** ▶ **Polycaprolactone and Calcium Stearate**

**In vitro retention of strength** ▶ **62-73% at 2 weeks**

**Tissue Reaction** ▶ **Non-antigenic, non-pyrogenic and elicits only a mild tissue reaction during the absorption process**

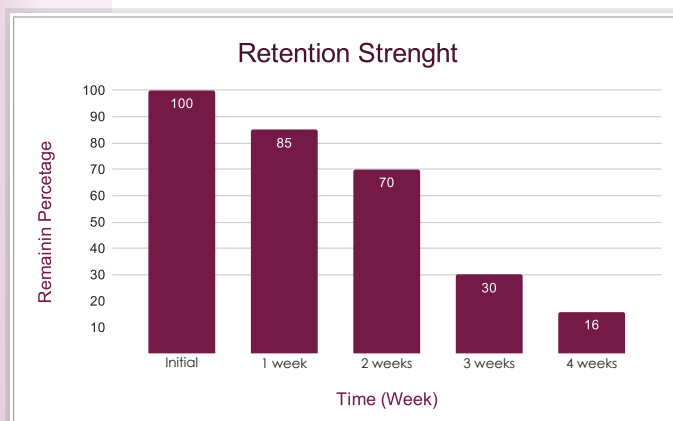
**Absorption Time** ▶ **Completely absorbed in 60-90 days**

**Wound Support** ▶ **30 Days**

**Sterilization** ▶ **Ethylene Oxide**

**Colour** ▶ **Violet or Undyed**

**Applications** ▶ **General closure, Ophthalmic, Cardiovascular, Orthopaedics, obstetrics/gynecology and Gastrointestinal Tract Surgery**



# P.G.CRYL

## RAPID

Synthetic Absorbable Surgical Suture  
Polyglycolic Acid fast,  
Coated,Braided

Lower molecular weight compared to regular  
Polyglycolic Acid for fast absorption

**Composition** ► **Polyglycolic Acid**

**Construction** ► **Braided**

**Coating** ► **Calcium stearate and 30:70 poly(glycolide-co-L-lactide)**

**In vitro retention of strength** ► **45% at 1 weeks**

**Tissue Reaction** ► **Non-antigenic, non-pyrogenic and elicits only a mild tissue reaction during the absorption process**

**Absorption Time** ► **Completely absorbed in 42 days**

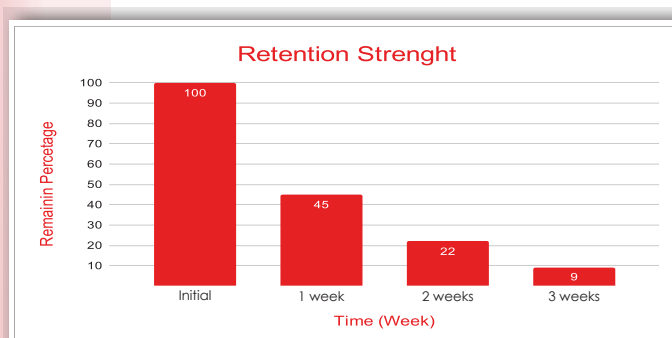
**Sterilization** ► **Ethylene Oxide**

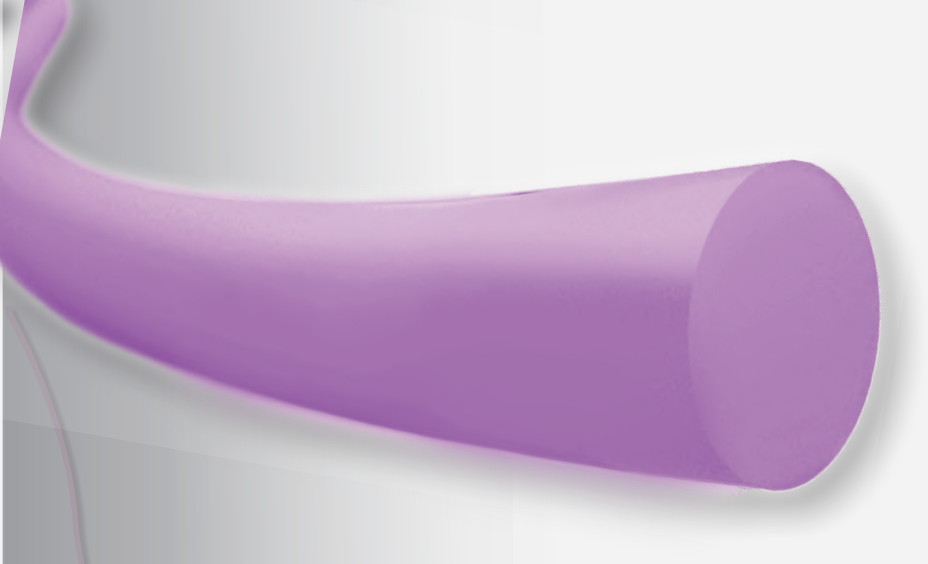
**Colour** ► **Undyed**

**Wound Support** ► **10-14 Days**

**Applications** ► **Gynaecology/Obstetric procedures, Urology procedures, Ophthalmic procedures, Odon-tology procedures, Skin closure, Ligatures**

**Features** ► **Soft and smooth passage through the tissue. Knot pull strength and needle attachment strength much more than USP limits**





# P.G.XONE

Synthetic Absorbable Surgical Suture  
Polydioxanone (PDO), Monofilament

**Composition** ▶ Polydioxanone

**Construction** ▶ Monofilament

**In vitro retention of strength** ▶ Retention more than 70% of tensile strength at 14 days of implantation.  
▶ Retention more than 55% of tensile strength at 28 days of implantation.

**Tissue Reaction** ▶ Non-antigenic, non-pyrogenic and elicits only a mild tissue reaction during the absorption process

**Absorption Time** ▶ Completely absorbed in 180-210 days

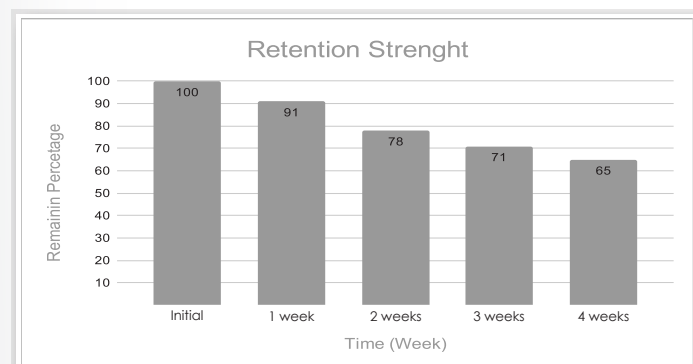
**Sterilization** ▶ Ethylene Oxide

**Colour** ▶ Violet

**Wound Support** ▶ 60 Days

**Applications** ▶ Ideal suture for use in general orthopaedic surgery, gastro intestinal tract, sheath closure, paediatric cardiovascular surgery and general surgery

**Features** ▶ Soft and smooth passage through the tissue. Knot pull strength and needle attachment strength much more than USP limits





# P.G.PROLENE

Synthetic Nonabsorbable Surgical Suture, Polypropylene, Monofilament

**Composition** ► Polypropylene

**Construction** ► Monofilament

**Sterilization** ► Ethylene Oxide

**Colour** ► Blue

**Applications** ► General closure, Ophthalmic, Orthopaedic, Plastic Surgery

**Features** ► Knot pull strength and needle attachment strength much more than USP limits



# P.G.SILK

Natural Black Braided Silk, Nonabsorbable Surgical Suture

Composition  Black Braided Silk


Construction  Multifilament

Coating  Wax

Sterilization  Ethylene Oxide

Colour  Black

Applications  General closure, G. I. Tract, Plastic, Skin Surgeries. Widely used as ligature.

Features  Coated with wax to allow easy passage through tissue, limit absorption and increase ductility. Knot pull strength and needle attachment strength much more than USP limits.



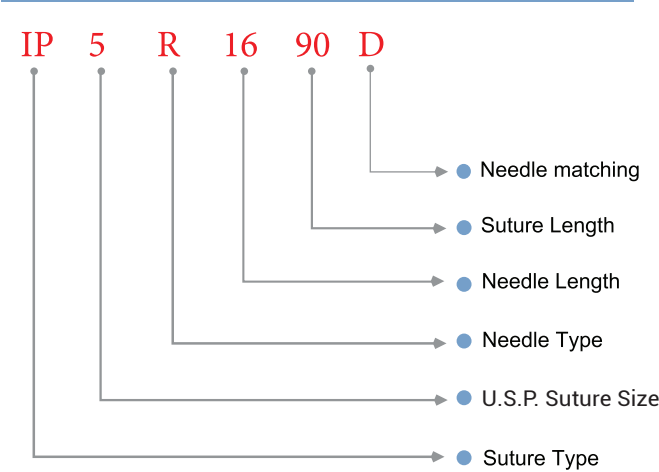
# P.G.LON

Synthetic Nonabsorbable Polyamide, Monofilament, Surgical Suture

- Composition** ► Polyamide (Nylon)
- Construction** ► Monofilament
- Sterilization** ► Ethylene Oxide
- Colour** ► Black
- Applications** ► General closure, Skin and Plastic Surgery.
- Features** ► Being monofilament, Ilon is remarkably smooth and gives excellent knot security. Possesses good tensile strength. Easy removal with no tissue adherence. Ideal for use in skin closures.

SUTURE TYPES		SUTURE SIZES			NEEDLE TYPES		INDICATING LENGTH OF THE NEEDLE	INDICATING LENGTH OF THE SUTURE	MATCHING	
CODE	SUTURE TYPE	CODE	USP	METRIC	CODE	NEEDLE TYPE			CODE	MATCHING
PG	P.G.CRYL	02	USP 2	Metric 5	R	1/2 CIRCLE TAPER POINT			-	SINGLE NEEDLE
PR	P.G. CRYL RAPID	1	USP 1	Metric 4	C	3/8 CIRCLE REVERSE CUTTING			D	DOUBLE NEEDLE
PX	P.G.XONE	0	USP 0	Metric 3,5	HC	1/2 CIRCLE CUTTING			L	LOOP
PP	P.G.LENE	2	USP 2/0	Metric 3	Z	3/8 CIRCLE TAPER POINT				
PS	P.G.SILK	3	USP 3/0	Metric 2	IC	3/8 CIRCLE CUTTING				
PA	P.G.LON	4	USP 4/0	Metric 1,5	S	STRAIGHT CUTTING				
		5	USP 5/0	Metric 1	SP	SPATULA1/4 Circle				
		6	USP 6/0	Metric 0,7	SPR	SPATULA1/2 Circle				
					SPC	SPATULA3/8 Circle				

PRODUCT CODING OF SUTURES







Round Body, Taper Point



Square Body, Taper Point



Blunt



Inside Cutting



Reverse Cutting



Trocar



Diamond



Spatula



Lancet



CC Needle



Square Body Tappercutting



Tappercutting



Straight (aka: Keith): Skin Closure



3/8 Circle: Skin Closure, Ophthalmic



1/2 Circle: Skin Closure, GI, Cardiovascular, Ophthalmic



5/8 Circle: Robotics and Laparoscopic