

YOU'RE A SPECIALIST. BUT IS YOUR SUTURE?

"After receiving Resorba[®] sutures for testing, I was so impressed by their handling and quality that I changed my previous type of sutures to these, and I am very satisfied with them."

Istvan Urban
DMD, MD, PhD

"We are having great success with the Resorba[®] line of sutures. The wide selection of thread materials and needles has assisted us in improving our outcomes over the entire range of our clinical procedures."

Kirk Pasquinelli
DDS

"Resorba[®] sutures have been a great addition to my practice in addition to the PTFE sutures that we use and teach. They are monofilament, tissue-compatible, and user friendly. The needles are minimally invasive but strong, and the sutures are very soft but rigid."

Sascha Jovanovic
DDS, MS

Available with **Black Needles***

Manufactured from premium tempered black 300 series stainless steel ▶

Black steel provides more contrast in the mouth for easier visualization ▶

Dark color doesn't reflect light, which is advantageous when suturing under magnification ▶

black needles available on **Glycolon™, **Resolon™**, **Resolon Twist™**, and **Cytoplast™** sutures*

Brand	Material	Resorption Kinetics	Filament Structure	Black Needle	Micro Suture	Pg
Glycolon™	PGA-PCL Copolymer	11-13 days*	Monofilament	✓	✓	2
PGA Resorba™	PGA	≤ 21 days*	Multifilament		✓	3
Resolon™	Nylon (polyamide)	Non-Absorbable	Monofilament	✓	✓	4
Resolon Twist™	Nylon (polyamide)	Non-Absorbable	Pseudo-Monofilament	✓		5
Cytoplast™ PTFE	PTFE	Non-Absorbable	Monofilament	✓		6

**In Vivo data on file – resorption kinetics represent the point in time that suture tensile strength is at 50%*

- ▶ Length: 45 cm
- ▶ Color: Undyed or Violet
- ▶ Thread diameter:
USP 3/0, 4/0, 5/0, & 6/0

Glycolon™

Absorbable, Monofilament



Glycolon™ is Resorba's top selling suture material world-wide and is comprised of polyglycolic acid (PGA) and polycaprolactone (PCL). The monofilament structure provides excellent handling properties, does not wick bacteria, and allows for atraumatic passage through the tissue. **Glycolon™ maintains 50% of its tensile strength for 11-13 days***. *In Vivo data on file



Violet	16 mm DSM	3/0 USP	OD01204
Violet	18 mm DSM	3/0 USP	OD01205
Violet	18 mm HRT	4/0 USP	OD01101
Violet	16 mm DSM	4/0 USP	OD01201
Violet	18 mm DSM	4/0 USP	OD01203
Violet	13 mm DSM black needle	5/0 USP	OD01210
Violet	16 mm DSM black needle	5/0 USP	OD01211
Violet	18 mm DSM black needle	5/0 USP	OD01212
Violet	16 mm HRT	5/0 USP	OD01100
Violet	16 mm DSM	5/0 USP	OD01214
Undyed	18 mm DSM	5/0 USP	OD01202
Undyed	13 mm DSM	6/0 USP	OD01200
Violet	13 mm DSM	6/0 USP	OD01213

MICRO SUTURE:

Violet	10 mm HRT	6/0 USP	OD01102
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NEEDLE CODE DETAIL

DSM 3/8 CIRCLE PREMIUM REVERSE CUTTING

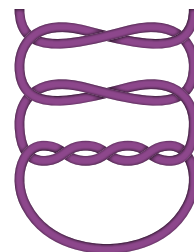


HRT 1/2 CIRCLE ROUND-BODIED CUTTING



SUGGESTED KNOT*

1. Double throw *forward*
2. Single throw *forward*
3. Single throw *reverse*



*Desire Abellán, José Nart, Andrés Pascual, Robert E. Cohen, Javier D. Sanz-Moliner. Physical and Mechanical Evaluation of Five Suture Materials on Three Knot Configurations: An *in Vitro* Study. Polymers; 2016, 8, 147.



PGA Resorba™

Absorbable, Multifilament

- ▶ Length: 45 cm
- ▶ Color: Violet
- ▶ Thread diameter:
USP 4/0, 5/0, 6/0, & 7/0

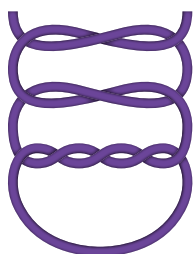
PGA Resorba™ is an absorbable suture made of precision-braided filaments of polyglycolic acid coated with a special resolactone coating to reduce surface friction when passing through tissue. The composition of PGA Resorba™ ensures predictable and moderately rapid resorption in tissue.

PGA Resorba™ maintains 50% tensile strength for up to 21 days*. *In Vivo data on file

Violet	18 mm HRT	4/0 USP	OD03100
Violet	18 mm DSM	4/0 USP	OD03202
Violet	17 mm HR	5/0 USP	OD03500
Violet	18 mm DS	5/0 USP	OD03400
Violet	13 mm DSM	5/0 USP	OD03201
Violet	13 mm DSM	6/0 USP	OD03200
MICRO SUTURE:			
Violet	10 mm HRT	5/0 USP	OD03103
Violet	10 mm HSM	5/0 USP	OD03700
Violet	10 mm HSM	6/0 USP	OD03701
Violet	11 mm DSM	6/0 USP	OD03203
Violet	10 mm HRT	6/0 USP	OD03101
Violet	7 mm DSM	7/0 USP	OD03206
Violet	11 mm DSM	7/0 USP	OD03204

NEEDLE CODE DETAIL

DSM	3/8 CIRCLE PREMIUM REVERSE CUTTING
DS	3/8 CIRCLE STANDARD REVERSE CUTTING
HRT	1/2 CIRCLE ROUND-BODIED CUTTING
HR	1/2 CIRCLE ROUND-BODIED
HSM	1/2 CIRCLE PREMIUM REVERSE CUTTING



SUGGESTED KNOT*

1. Double throw *forward*
2. Single throw *forward*
3. Single throw *reverse*

*Desire Abellán, José Nart, Andrés Pascual, Robert E. Cohen, Javier D. Sanz-Moliner. Physical and Mechanical Evaluation of Five Suture Materials on Three Knot Configurations: An *in Vitro* Study. *Polymers*; 2016, 8, 147.

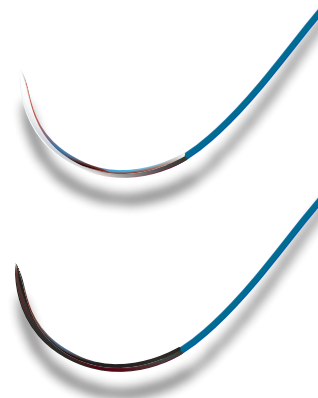
- ▶ Length: 45 cm
- ▶ Color: Blue
- ▶ Thread diameter:
USP 4/0, 5/0, 6/0, & 7/0

Resolon™

Non-Absorbable, Monofilament



Resolon™ is initially like traditional nylon sutures until it undergoes a proprietary treatment process that results in a softer and more supple version of a nylon suture. Resolon™ provides clinicians a non-absorbable monofilament suture option that does not wick bacteria and has superior handling characteristics when compared to traditional nylon sutures.



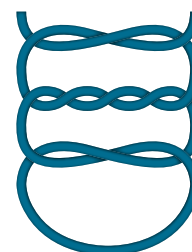
Blue	13 mm DSM	4/0 USP	OD13202
Blue	16 mm DSM	4/0 USP	OD13205
Blue	18 mm DSM	4/0 USP	OD13207
Blue	16 mm DSM black needle	4/0 USP	OD13215
Blue	18 mm HS	5/0 USP	OD13700
Blue	13 mm DSM	5/0 USP	OD13201
Blue	16 mm DSM	5/0 USP	OD13204
Blue	18 mm DSM	5/0 USP	OD13206
Blue	13 mm DSM black needle	5/0 USP	OD13213
Blue	16 mm DSM black needle	5/0 USP	OD13214
Blue	13 mm DSM	6/0 USP	OD13200
Blue	16 mm DSM	6/0 USP	OD13203
Blue	13 mm DSM black needle	6/0 USP	OD13212

MICRO SUTURE:

Blue	13 mm DSM black needle	7/0 USP	OD13211
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NEEDLE CODE DETAIL**DSM** 3/8 CIRCLE PREMIUM REVERSE CUTTING**HS** 1/2 CIRCLE STANDARD REVERSE CUTTING**SUGGESTED KNOT***

1. Single throw *forward*
2. Double throw *forward*
3. Single throw *reverse*



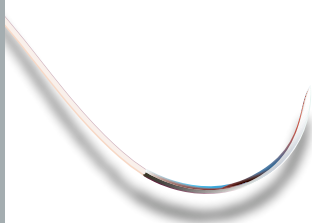
*Desire Abellán, José Nart, Andrés Pascual, Robert E. Cohen, Javier D. Sanz-Moliner. Physical and Mechanical Evaluation of Five Suture Materials on Three Knot Configurations: An *in Vitro* Study. *Polymers*; 2016, 8, 147.



Resolon Twist™

Non-Absorbable, Pseudo-Monofilament

- ▶ Length: 45 cm
- ▶ Color: Undyed (White)
- ▶ Thread diameter: USP 3/0 & 4/0

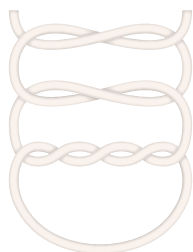
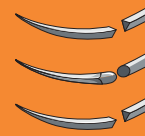


Resolon Twist™ is a pseudo-monofilament made of braided nylon fibers that are coated with a nylon sheath. The pseudo-monofilament design offers clinicians a non-absorbable suture that handles similarly to a multifilament suture yet has the advantage of reduced drag, due to its outer nylon coating, when being pulled through soft tissue.

Undyed	18 mm HRT	3/0 USP	OD12100
Undyed	15 mm HS	4/0 USP	OD12700
Undyed	16 mm DSM	4/0 USP	OD12200
Undyed	18 mm DSM	4/0 USP	OD12201

NEEDLE CODE DETAIL

- DSM** 3/8 CIRCLE PREMIUM REVERSE CUTTING
- HRT** 1/2 CIRCLE ROUND-BODIED CUTTING
- HS** 1/2 CIRCLE STANDARD REVERSE CUTTING



SUGGESTED KNOT*

1. Double throw *forward*
2. Single throw *forward*
3. Single throw *reverse*

*Desire Abellán, José Nart, Andrés Pascual, Robert E. Cohen, Javier D. Sanz-Moliner. Physical and Mechanical Evaluation of Five Suture Materials on Three Knot Configurations: An *in Vitro* Study. Polymers; 2016, 8, 147.

- ▶ Length: 45 cm
- ▶ Color: Undyed (White)
- ▶ Thread diameter:
USP 2/0, 3/0, 4/0, & 5/0

Cytoplast™ PTFE

Non-Absorbable, Monofilament



Cytoplast™ PTFE suture is an ideal suture for dental bone grafting and implant procedures where a soft monofilament suture is desirable. Cytoplast™ PTFE suture's monofilament construction doesn't allow bacterial wicking into the surgical site, and patients like it because it is soft.



18" Undyed	19 mm Precision RC	2/0 USP	CS0418
28" Undyed	19 mm Precision RC	2/0 USP	CS0428
18" Undyed	16 mm Precision RC	3/0 USP	CS0518
28" Undyed	16 mm Precision RC	3/0 USP	CS0528
18" Undyed	19 mm Precision RC	3/0 USP	CS051819
28" Undyed	19 mm Precision RC	3/0 USP	CS052819
18" Undyed	16 mm RC black needle	3/0 USP	CS0518BK
28" Undyed	16 mm RC black needle	3/0 USP	CS0528BK
18" Undyed	19 mm RC black needle	3/0 USP	CS051819BK
28" Undyed	19 mm RC black needle	3/0 USP	CS052819BK
18" Undyed	13 mm TP	4/0 USP	CS0618PERIO
28" Undyed	13 mm TP	4/0 USP	CS0628PERIO
18" Undyed	13 mm Precision RC	4/0 USP	CS0618PREM
28" Undyed	13 mm Precision RC	4/0 USP	CS0628PREM
18" Undyed	16 mm Precision RC	4/0 USP	CS0618RC
28" Undyed	16 mm Precision RC	4/0 USP	CS0628RC
18" Undyed	13 mm Precision RC	5/0 USP	CS071813
28" Undyed	13 mm Precision RC	5/0 USP	CS072813
18" Undyed	16 mm Precision RC	5/0 USP	CS071816
28" Undyed	16 mm Precision RC	5/0 USP	CS072816

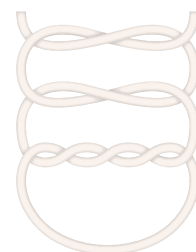
NEEDLE CODE DETAIL

- RC** 3/8 CIRCLE REVERSE CUTTING
- TP** 1/2 CIRCLE ROUND-BODIED



SUGGESTED KNOT*

1. Double throw *forward*
2. Single throw *forward*
3. Single throw *reverse*



*Desire Abellán, José Nart, Andrés Pascual, Robert E. Cohen, Javier D. Sanz-Moliner. Physical and Mechanical Evaluation of Five Suture Materials on Three Knot Configurations: An *in Vitro* Study. *Polymers*; 2016, 8, 147.



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