



Sutures for Hand Surgery

More than 90 years of expertise
in the manufacture of surgical sutures
+ German engineering knowledge
+ Meticulous quality
= A portfolio you can rely on and trust

REPAIR & REGENERATE



Advanced Medical Solutions

Importance and Impact of Suture Material

The effective selection of suture material is essential to achieving optimal patient outcomes by ensuring:

- ✓ secure and atraumatic wound approximation
- ✓ appropriate support for wound healing
- ✓ successful restoration of function and aesthetic appearance

Tendon sutures

The objective of all operative efforts in tendon surgery is to achieve healing without formation of adhesions. This calls for:

- ▶ **atraumatic handling of the tendon**
- ▶ **preservation of the blood supply to the tendon**
- ▶ **early mobilisation of the tendon**

Tissue-sparing suturing techniques based on more detailed knowledge of the anatomy and physiology of tendons are being used ever more frequently. Use of core suture techniques in combination with finely adapted epitendinous RESORBA® sutures permits early loadbearing and leads to functionally optimal results.



Nerve sutures

Nerve reconstruction places very high demands on the surgeon and the material used:

- ▶ **mastery of the surgical technique**
- ▶ **indication-based choice of suture material to ensure atraumatic suturing and inflammation-free incorporation**

RESORBA® microsurgical suture materials and needles are specially designed to satisfy these requirements.



Skin sutures

Finally, skin sutures should:

- ▶ **provide secure wound closure**
- ▶ **produce an aesthetically pleasing result**
- ▶ **allow painless suture removal**

RESORBA® supplies appropriate suture material for all suturing techniques.



RESORBA® needle-thread combinations

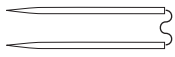
An unimpeded healing process is crucial for good functional and aesthetic results.

A clinician needs a highly reliable, convenient tool made of high quality materials:

<p>GLYCOLON® </p> <p>Suggested alternative material to: MONOCRYL or BIOSYN</p> <ul style="list-style-type: none"> ✓ short term absorbable monofilament ✓ high tear resistance ✓ excellent knot security ✓ atraumatic tissue passage 	<p>PDO RESORBA™ </p> <p>Suggested alternative material to: PDS or MAXON</p> <ul style="list-style-type: none"> ✓ long term absorbable monofilament ✓ very high tensile strength ✓ minimal tissue reaction ✓ smooth passage through tissue ✓ robust and high knot security 	<p>MOPYLEN® </p> <p>Suggested alternative material to: PROLENE or SURGIPRO</p> <ul style="list-style-type: none"> ✓ non-absorbable polypropylene suture ✓ excellent knot security ✓ consistently high tear resistance ✓ excellent tissue passage ✓ hydrophobic ✓ non-ageing
<p>SUPOLENE </p> <p>Suggested alternative material to: ETHIBOND EXCEL or TI-CRON</p> <ul style="list-style-type: none"> ✓ non-absorbable suture ✓ high tear resistance ✓ excellent tissue passage, no sawing effect ✓ very even and smooth surface properties ✓ very minimal tissue reaction ✓ minimal capillarity 	<p>NYLON </p> <p>Suggested alternative material to: ETHILON or MONOSOF</p> <ul style="list-style-type: none"> ✓ non-absorbable suture ✓ above-average softness and suppleness ✓ superior handling and knotting properties ✓ no capillarity ✓ excellent tissue passage 	<p>RESOLON® </p> <p>Suggested alternative material to: ETHILON II or DERMALON</p> <ul style="list-style-type: none"> ✓ non-absorbable suture ✓ softer and more supple than average ✓ perfect handling and knotting ✓ easy passage through tissue ✓ no capillarity ✓ non-irritating

Recommended portfolio

Selected needle-thread combinations


Tendon sutures	REF		Description		Needle design	USP	Thread length
▽ 	PN2151 ¹⁾		PDO RESORBA™	violet	DSM 11	6/0	45 cm
	7152		MOPYLEN®	blue	DSM 11	6/0	45 cm
▽ 	PN2154 ¹⁾		PDO RESORBA™	violet	DSM 13	5/0	45 cm
	PN2155 ¹⁾		PDO RESORBA™	violet	DSM 13	4/0	45 cm
	7155		MOPYLEN®	blue	DSM 13	6/0	45 cm
	7156		MOPYLEN®	blue	DSM 13	5/0	45 cm
	9152		SUPOLENE	green	DSM 13	5/0	45 cm
	9153		SUPOLENE	green	DSM 13	4/0	45 cm
▽ 	71511		MOPYLEN®	blue	DSM 16	4/0	45 cm
▼ 	71513		MOPYLEN®	blue	DSM1 8	4/0	45 cm
	71514		MOPYLEN®	blue	DSM 18	3/0	45 cm
	PN21510 ¹⁾		PDO RESORBA™	violet	DSM 18	4/0	45 cm
▽ 	PN2149 ¹⁾		PDO RESORBA™	violet	DS 18	4/0	30 cm
	71447		MOPYLEN®	blue	DS 18	4/0	30 cm
	71448		MOPYLEN®	blue	DS 18	3/0	30 cm
⊙ 	PN2081 ¹⁾		PDO RESORBA™	violet	DRT 18	4/0	45 cm
7089	MOPYLEN®		blue	DRT 18	4/0	75 cm	
⊙ 	PN2255 ¹⁾		PDO RESORBA™	violet	DRTM 12	6/0	70 cm
	PN2256 ¹⁾		PDO RESORBA™	violet	DRTM 12	5/0	70 cm
	7258		MOPYLEN®	blue	DRTM 12	6/0	75 cm
● 	PN2091 ¹⁾		PDO RESORBA™	violet	GR 20	4/0	35 cm

For a complete overview of our suture portfolio, please scan the following QR-code. You will be linked directly to our suture catalogue.



Recommended portfolio

Selected needle-thread combinations

Micro sutures	REF		Description		Needle design	USP	Thread length
	50714N ¹⁾		NYLON	black	DR 4	10/0	10 cm
	5071N ¹⁾		NYLON	black	DR 5F	10/0	15 cm
	5072N ¹⁾		NYLON	black	DR 5F	9/0	15 cm
	5075N ¹⁾		NYLON	black	DR 6	9/0	15 cm
	5076N ¹⁾		NYLON	black	DR 6	8/0	15 cm
Skin sutures	REF		Description		Needle design	USP	Thread length
	88153		RESOLON®	blue	DSM 13	6/0	45 cm
	88154		RESOLON®	blue	DSM 13	5/0	45 cm
	88155		RESOLON®	blue	DSM 16	5/0	45 cm
	88156		RESOLON®	blue	DSM 16	4/0	45 cm
	88158		RESOLON®	blue	DSM 18	4/0	45 cm
Intracutaneous sutures	REF		Description		Needle design	USP	Thread length
	PB41502		GLYCOLON®	undyed	DSM 11	6/0	45 cm
	PB41504		GLYCOLON®	undyed	DSM 13	6/0	45 cm
	PB41505		GLYCOLON®	undyed	DSM 13	5/0	45 cm

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RESORBA[®] - Over 90 years of putting patients first



For additional products from our range that can also be used in hand surgery, scan this QR-code.



Also benefit from a world-leading independent developer and manufacturer of innovative and technologically advanced products for the global advanced wound care, surgical and wound closure markets: admedsol.com



¹⁾ Product manufactured by: Healthium Medtech Limited · #472-D, 13th Cross, 4th Phase, Peenya Industrial Area, Bangalore, Karnataka-560058, India · Email: care@healthiummedtech.com · Mfg. Lic. No.: MFG/MD/2021/000367

RESORBA Medical GmbH
Am Flachmoor 16, 90475 Nürnberg, Germany

📍 resorba.com | ✉ infomail@resorba.com | ☎ +49 9128 / 91 15 0



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