

Certificate

Standard **ISO 14001:2015**

Certificate Registr. No. **01 104 1400278**

Certificate Holder:



**SERAG
WIESSNER**

SERAG-WIESSNER GmbH & Co. KG

Zum Kugelfang 8-12
95119 Naila
Germany

Scope:

Development, Construction of Surgical Sutures -
Textile Implants - Solutions

Proof has been furnished by means of an audit that the
requirements of ISO 14001:2015 are met.

Validity:

The certificate is valid from 2020-08-05 until 2023-08-04.
First certification 2002

2020-07-21

LGA InterCert GmbH
Tillystr. 2 · 90431 Nuremberg

ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV



ELECTROTECHNICAL TESTING INSTITUTE - CZECH REPUBLIC
ELEKTROTECHNISCHE PRÜFANSTALT - TSCHHEISCHE REPUBLIK
INSTITUT ELECTROTECHNIQUE D'ESSAIS - RÉPUBLIQUE TCHÈQUE
ЭЛЕКТРОТЕХНИЧЕСКИЙ ИСПЫТАТЕЛЬНЫЙ ИНСТИТУТ - ЧЕШСКАЯ РЕСПУБЛИКА

Pod lisem 129/2, 171 02 Praha 8 - Troja

The Electrotechnical Testing Institute Certification Body No. 3004 for certification of management systems, accredited by the Czech Accreditation Institute, o.p.s. in accordance with ČSN EN ISO/IEC 17021-1, grants the

CERTIFICATE

No.: 8210044

for the Quality Management System in accordance with

EN ISO 13485:2016

to the Firm

Serag-Wiessner GmbH & Co. KG

Zum Kugelfang 8-12, 95119 Naila, Germany

in localities: Stegenwaldhauser Straße 6
95152 Selbitz

because it ascertained that the Quality Management System of the Firm in localities and processes:

Design, development, production and distribution of surgical sutures, reusable surgical instruments, non-active implantable devices, single use devices, textile implants, sterile solutions and gels.

complies with all requirements of the above mentioned Standard documented by the Report No.: 210634-01 of: 21.05.2021

The validity of the Certificate is limited till: 27.05.2024

The Certified Organization is subject to annual check-ups carried out by the Certification Body. Any change within the organization concerning the certification shall be followed up and approved by the Electrotechnical Testing Institute. The validity of this Certificate may be suspended or cancelled in the event of non-compliance with the Standard on the basis of which the Certificate was issued.

Certificate granted: 28.05.2021

Prague

Ing. Radek Teufl
Head of Certification Body



* C E R / 8 2 1 0 0 4 4 *

210634-01

Declaration of Conformity**/ Konformitätserklärung**

Manufacturer / Hersteller:

SERAG-WIESSNER GmbH & Co. KG

Address / Adresse:

Zum Kugelfang 8 - 12

95119 Naila

Deutschland

Product - Model / Produkt - Typ:

Surgical suture made from polyethylene terephthalate - SERACOR®, SULENE® and TERYLENE dyed or undyed, in various gauge sizes and lengths, with various types of needles or SULENE® and TERYLENE non-needed.

Chirurgisches Nahtmaterial aus Polyethylenterephthalat - SERACOR®, SULENE®, und TERYLENE - gefärbt oder ungefärbt, in verschiedenen Fadenstärken u. -längen, mit unterschiedlichen Nadeltypen benadelt oder SULENE® und TERYLENE unbenadelt.

Articles / Artikel CE04:

HN2B	HN56	HN35	HN5I	HN23
HN3K	HN4X	HN37	HN6A	HN4M
HN5S	HN6C	HN4K	HN6D	HN94
HN32	HN3H	HN4L	HN6H	QO07171L
HN4I	HN3J	HN46	HN6G	QO10171L
HN63	HN5K	HN66	HN6I	QO10171T
HN5H	HN2A	HN72	HN6J	QO101711
HN6M	HN06	HN90	HN6L	QO101713
HN29	HN07	HN92	HN6N	QO103414
HN30	HN08	HN93	HN1D	QO103438
HN64	HN09	HN98	HN2P	QO15170D
HN2G	HN1A	HN99	HN24	QO15171L
HN5D	HN1G	HN4S	HN26	QO15171M
HN11	HN1Q	HN4V	HN44	QO15171T
HN2F	HN1U	HN4W	HN74	QO151713
HN2N	HN2L	HN4Q	HN5C	QO151714
HN21	HN2Z	HN5E	HN6P	QO151729
HN22	HN3M	HN5L	HN3C	QO151756
HN39	HN3S	HN5P	HN5F	QO151762
HN55	HN34	HN5U	HN20	QO151776

QO152039	QO303440	QO503445	OO151712	OO203413
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QO153439	QP30342C	QO504417	OO151729	OO203440
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ON352100	OO403417	NN202100	HR20	OR202014
ON353500	OO403418	NN202300	HR26	OR203457
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ON355100	OO403442	NO201713	HR30	OR30171K
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OO351714	OO403465	NO20342C	HR4K	OR403441
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OO351716	OO404445	NO203457	HR6G	OR603448
OO351717	OH402249	NO203476	HR6I	QR204140
OO351736	ON501800	NN301900	HR6L	QR300800
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OO353464	OO504618	NN352100	NR353441	QR403417
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OO353728	ON601900	NO353443	OR301442	QR703459
OO353784	ON603500	NO353457	OR402249	QR80342D
OO355148	ON605100	NN403600	OR151900	QR153476
OH402250	OO603448	NN403800	OR404000	QR30342C
ON401900	OO603467	NN405100	OR601900	QR503432

Classification (MDD, Annex IX, Rule 8 with indent 2): III

/ Klasse (MDD, Anhang IX, Regel 8 mit Spiegelstrich 2)

We herewith declare under our sole responsibility that the above mentioned product meets the provisions of the following EC Council Directives and standards. All supporting documentations are retained under the premises of the manufacturer and the notified body.

/ Hiermit erklären wir unter unserer alleinigen Verantwortung, dass das o.g. Produkt die Forderungen der folgenden EG Richtlinien und Normen erfüllt. Alle entsprechenden Dokumentationsnachweise werden vom Hersteller und der Benannten Stelle bereitgehalten.

Directives and standards / Richtlinien und Normen

Annex II of Council Directive 93/42/EEC of 14.06.1993 concerning medical devices,

/ Anhang II der Richtlinie 93/42/EWG des Rates vom 14.06.1993 über Medizinprodukte,

Notified body / Benannte Stelle:

Elektrotechnický zkušební ústav, s. p.;

Pod Lisem 129,

171 02 Prague 8 - Troja, Czech Republic

ID-No.: 1014

Certificate No. / Zertifikat Nr.:

Design Examination / Produktauslegung: MED 200030

Quality Assurance / Qualitätssicherung: MED 200029

This declaration is valid until /

Diese Erklärung ist gültig bis:

26.05.2024

Place, Date / Ort, Datum: Naila, 20.05.2021

Signature / Unterschrift:


.....

Name:

Stefan Pfeiffer

Position:

President / Geschäftsführer

ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV



ELECTROTECHNICAL TESTING INSTITUTE - CZECH REPUBLIC
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Pod lisem 129/2, 171 02 Praha 8 - Troja

EC CERTIFICATE FULL QUALITY ASSURANCE SYSTEM

issued in accordance with Annex 2 of Government Order No. 54/2015 Coll.
(Annex II of Directive 93/42/EEC)

No.: MED 200029

The Electrotechnical Testing Institute, Notified Body No. 1014, on the basis of the carried out audit results has decided that the quality system established at the

manufacturer

Serag-Wiessner GmbH & Co. KG
Zum Kugelfang 8-12, 95119 Naila, Germany

in manufacturing sites

Serag-Wiessner GmbH & Co. KG
Stegenwaldhauser Str. 6, 95152 Selbitz, Germany

for design, manufacturing and final inspection of medical device(s)

Nonabsorbable sterile surgical sutures,
Absorbable sterile surgical sutures,
Absorbable sterile surgical mesh – class III, see Enclosure

meets the provisions of Annex 2 of Government Order No. 54/2015 Coll., which specifies technical requirements for medical devices (Annex II of Directive 93/42/EEC). The certificate does not cover examination of the medical device design in accordance with Annex 2 clause 8 of Government Order No. 54/2015 Coll. (Annex II clause 4 of Directive 93/42/EEC).

The notified body agrees with attaching its identification number 1014 to CE marking, which will be affixed to the above mentioned medical device(s) in accordance with Article 6 of Government Order No. 54/2015 Coll. (clause 17 of Directive 93/42/EEC).

The decision was based on the results presented in the audit report No. **MED000073-01/01 of: 25.05.2020.**

The approved quality system established at the manufacturer is subject to regular surveillance audits by the notified body in accordance with Annex 2 clause 11 of Government Order No. 54/2015 Coll. (Annex II clause 5 of Directive 93/42/EEC). The manufacturer must inform the notified body which approved the quality system about any intention of substantial changes to the quality system or the product range covered. In case that the conditions under which the certificate has been issued are violated, the notified body may suspend the validity of the certificate or cancel the certificate.

For class III medical devices this certificate can be used only with EC Design-Examination Certificate issued in accordance with Annex 2 clause 8 of Government Order 54/2015 Coll. (Annex II clause 4 of Directive 93/42/EEC).

Edition 1

The first issue of this Certificate from 28.05.2020 with validity until 26.05.2024
The validity of this Certificate is limited until: 26.05.2024

28.05.2020

Prague

Mgr. Miroslav Sedláček
Head of Certification Body



MED000073-01

Certificate history

Date	Status	Reason
28.05.2020	Issuance	Replacement of certificate No. MED 150086



Absorbable and nonabsorbable sutures, absorbable mesh class III

Nonabsorbable sterile surgical sutures

- **SERAPREN**
- **SERALENE**
- **SERAMON/Keydent PTFE Suture, SERAMON CHORDAE LOOPS, PTFE Pledgets**
- **SERACOR, SULENE, TERYLENE**

Absorbable sterile surgical sutures

- **SERASYNTH, SERASYNTH LOC, SERASYNTH SlimSling**
- **SERAFAST**
- **SERAFIT, SERAPID**
- **SERAFIT PROTECT**

Absorbable sterile surgical mesh

- **SERASYNTH MESH**

End of list



ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV



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Pod lisem 129/2, 171 02 Praha 8 - Troja

EC DESIGN-EXAMINATION CERTIFICATE

issued in accordance with Annex 2 of Government Order No. 54/2015 Coll.
(Annex II of Directive 93/42/EEC)

No.: MED 200030

The Electrotechnical Testing Institute, Notified Body No. 1014, performed the design examination of medical device

**Nonabsorbable synthetic multifilament sterile surgical suture made of polyethylene terephthalate (PET), dyed or undyed, coated – class III, see Enclosure
SERACOR, SULENE, TERYLENE**

in accordance with Annex 2 clause 8 of Government Order No. 54/2015 Coll., which specifies technical requirements for medical devices
(Annex II clause 4 of Directive 93/42/EEC) at

manufacturer **Serag-Wiessner GmbH & Co. KG**
Zum Kugelfang 8-12, 95119 Naila, Germany

in manufacturing sites **Serag-Wiessner GmbH & Co. KG**
Stegenwaldhauser Str. 6, 95152 Selbitz, Germany

and states that the design of medical device meets the provisions of Government Order No. 54/2015 Coll. (Directive 93/42/EEC)

The details of the medical device design examination are presented in the audit report No. MED000073-02/02 of: 25.05.2020.

The manufacturer must inform the notified body about any intention of substantial changes to the approved design of medical device which could affect the conformity with essential requirements in accordance with Annex 1 of Government Order No. 54/2015 Coll. (Annex 1 of Directive 93/42/EEC). In that case the conditions under which the certificate has been issued are violated, the notified body may suspend the validity of the certificate or cancel the certificate.

Edition 1

The first issue of this certificate from 28.05.2020 with validity until 26.05.2024
The validity of this Certificate is limited until: 26.05.2024

12.05.2021

Prague

Mgr. Miroslav Sedláček
Head of Certification Body



MED000073-02

Certificate history

Date	Status	Reason
28.05.2020	Issuance	Replacement of certificate No. MED 150090
12.05.2021	Change	Change in the annex to the certificate



Nonabsorbable synthetic multifilament suture class III

SERACOR

HN2B
HN3K
HN5S
HN32
HN4I
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HN5H
HN6M
HN29
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HN64
HN2G
HN5D
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HN2F
HN2N
HN21
HN22
HN39
HN55

HN56
HN4X
HN6C
HN3H
HN3J
HN5K
HN2A
HN06
HN07
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HN1A
HN1G
HN1Q
HN1U
HN2L
HN2Z
HN3M
HN3S
HN34

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HN5L
HN5P
HN5U

HN5I
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HN6D
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HN5F
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HN23
HN4M
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HR1Q
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HR6G
HR6I
HR6L
HR6N

SULENE

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OR15171K

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OR201762
OR202014

OR203457
OR301716
OR30171K
OR350543

OR353784
OR403441
OR503443
OR603448

End of list



Declaration of Conformity**/ Konformitätserklärung**

Manufacturer / Hersteller: SERAG-WIESSNER GmbH & Co. KG

Address / Adresse: Zum Kugelfang 8 - 12

95119 Naila

Deutschland

Product - Model / Produkt - Typ:

Surgical suture made from stainless steel - SERANOX® - in various gauge sizes and lengths, twisted or monofilament, coated or uncoated, with various types of needles or non-needed.

/ Chirurgisches Nahtmaterial aus Stahldraht - SERANOX® - in verschiedenen Fadenstärken u. -längen, gezwirnt oder monofil, beschichtet oder unbeschichtet, mit unterschiedlichen Nadeltypen benadelt oder unbenadelt.

Articles / Artikel CE07:

WO101714
WO151714
WO201715
WN201900
WN301900
WN351900
WO351716
WO351765
WN351E00
WN401900
WN409A00
WO409959
WO401315
WN501900
WO501766
WO501316

WU601768
WO60146B
WO601316
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WO70156B
WO70351X
WO70371X
WO70341X
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WO80156B
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WO90146B
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WI90726B
MBO70146B
MBO80146B
MBO90146B
MBR70146B
MBR80146B
WR90326B
WR401900
WR351716
WR80136B
WO909C6B

Classification (MDD, Annex IX, Rule 8 without indent): **IIb**

/ Klasse (MDD, Anhang IX, Regel 8 ohne Spiegelstrich)

We herewith declare under our sole responsibility that the above mentioned product meets the provisions of the following EC Council Directives and standards. All supporting documentations are retained under the premises of the manufacturer and the notified body.

/ Hiermit erklären wir unter unserer alleinigen Verantwortung, dass das o.g. Produkt die Forderungen der folgenden EG Richtlinien und Normen erfüllt. Alle entsprechenden Dokumentationsnachweise werden vom Hersteller und der Benannten Stelle bereitgehalten.

Directives and standards / Richtlinien und Normen

Annex II of Council Directive 93/42/EEC of 14.06.1993 concerning medical devices,

/ Anhang II der Richtlinie 93/42/EWG des Rates vom 14.06.1993 über Medizinprodukte,

Notified body / *Benannte Stelle:*

Elektrotechnický zkušební ústav, s. p.;

Pod Lisem 129,

171 02 Prague 8 - Troja, Czech Republic

ID-No.: 1014

Certificate No. / *Zertifikat Nr.:*

Design Examination / *Produktauslegung:* n.a.

Quality Assurance / *Qualitätssicherung:* MED 200038

This declaration is valid until /

Diese Erklärung ist gültig bis:

26.05.2024

Place, Date / Ort, Datum: Naila, 20.05.2021

Signature / Unterschrift:

Name: Stefan Pfeiffer

Position: President / Geschäftsführer

ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV



ELECTROTECHNICAL TESTING INSTITUTE - CZECH REPUBLIC
ELEKTROTECHNISCHE PRÜFANSTALT - TSCHHECHISCHE REPUBLIK
INSTITUT ELECTROTECHNIQUE D'ESSAIS - RÉPUBLIQUE TCHÉQUE
ЭЛЕКТРОТЕХНИЧЕСКИЙ ИСПЫТАТЕЛЬНЫЙ ИНСТИТУТ - ЧЕШСКАЯ РЕСПУБЛИКА

Pod lisem 129/2, 171 02 Praha 8 - Troja

EC CERTIFICATE FULL QUALITY ASSURANCE SYSTEM

issued in accordance with Annex 2 of Government Order No. 54/2015 Coll.
(Annex II of Directive 93/42/EEC)

No.: MED 200038

The Electrotechnical Testing Institute, Notified Body No. 1014, on the basis of the carried out audit results has decided that the quality system established at the

manufacturer

Serag-Wiessner GmbH & Co. KG
Zum Kugelfang 8-12, 95119 Naila, Germany

in manufacturing sites

Serag-Wiessner GmbH & Co. KG
Stegenwaldhauser Str. 6, 95152 Selbitz, Germany

for design, manufacturing and final inspection of medical device(s)

Nonabsorbable sterile surgical sutures – class IIb, see Enclosure

meets the provisions of Annex 2 of Government Order No. 54/2015 Coll., which specifies technical requirements for medical devices (Annex II of Directive 93/42/EEC). The certificate does not cover examination of the medical device design in accordance with Annex 2 clause 8 of Government Order No. 54/2015 Coll. (Annex II clause 4 of Directive 93/42/EEC).

The notified body agrees with attaching its identification number 1014 to CE marking, which will be affixed to the above mentioned medical device(s) in accordance with Article 6 of Government Order No. 54/2015 Coll. (clause 17 of Directive 93/42/EEC).

The decision was based on the results presented in the audit report No. **MED000073-01/01 of: 25.05.2020,**

MED000073-12/03 of: 20.05.2020, MED000073-12/07 of: 27.05.2020, MED000073-12/11 of: 25.05.2020.

The approved quality system established at the manufacturer is subject to regular surveillance audits by the notified body in accordance with Annex 2 clause 11 of Government Order No. 54/2015 Coll. (Annex II clause 5 of Directive 93/42/EEC). The manufacturer must inform the notified body which approved the quality system about any intention of substantial changes to the quality system or the product range covered. In case that the conditions under which the certificate has been issued are violated, the notified body may suspend the validity of the certificate or cancel the certificate.

For class III medical devices this certificate can be used only with EC Design-Examination Certificate issued in accordance with Annex 2 clause 8 of Government Order 54/2015 Coll. (Annex II clause 4 of Directive 93/42/EEC).

Edition 1

The first issue of this Certificate from 28.05.2020 with validity until 26.05.2024

The validity of this Certificate is limited until: **26.05.2024**

13.05.2021

Prague

Mgr. Miroslav Sedláček
Head of Certification Body



MED000073-12

Certificate history

Date	Status	Reason
28.05.2020	Issuance	Replacement of certificate No. MED 150095
13.05.2021	Change	Change in the annex to the certificate

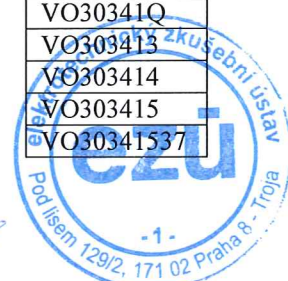


Nonabsorbable sterile surgical sutures class IIb made from

- polyamide (PA): **SERALON** (incl. cassette), **SUPRAMID** (incl. cassette), **NYLON**
- titanium coated polyamide: **SERATAN**
- stainless steel: **SERANOX**
- titanium coated stainless steel: **SERANOX Ti**
- silicone coated silk: **SERAFLEX** (incl. cassette)
- polyethylene therephthalate (PET): **POLYESTER TAPE**
- silicone coated polyethylene therephthalate: **SULENE in cassette**, **TERYLENE in cassette**

SERALON (incl. cassette) / SUPRAMID (incl. cassette) / NYLON

ZO010188	VO073413	VD158000	VO153476	VO20342N
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SERATAN

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SERANOX / SERANOX Ti

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WR80136B
WO909C6B

SERAFLEX (incl. cassette)

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POLYESTER TAPE

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YU501754

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YV501155

YV501753
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YV502854

YV502860
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YR502860

SULENE / TERYLENE in cassettes

QC108000
QC158000
QC208000
QC308000
QC358000
QC408000

QC508400
OC108000
OC158000
OC208000
OC308000
OC358000

OC408000
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OC608400
OC708700
NC108000
NC158000

NC208000
NC308000
NC358000
NC408000
NC508400
NC708500

NR308000
OR208000
QR358000

End of list



Surgical sutures for

CARDIO SURGERY

Surgical
sutures



**SERAG
WIESSNER**



High-tech and handwork

For nearly 150 years, SERAG-WIESSNER has stood for surgical sutures of the highest quality. As the oldest established German manufacturer, the company combines decades of tradition with state-of-the-art technology. Extremely precise automated production technology is combined with the reliable and painstaking work of our experienced employees. In addition, we work closely together with medical professionals in both clinical practice and research.

This results in an extensive range of top-quality suture materials for cardiac surgery. These meet the precise demands for material and instruments that are used in cardiovascular procedures. Moreover, they have to give the surgeon sufficient scope in their application and should facilitate the surgical procedure.

SERACOR®

A suture material that offers high resilience and knot security has been developed for cardiac surgery. The result is SERACOR®, a braided polyester suture with an impressive structure and coating. The material is also physiologically inert. This ensures its long term stability with correspondingly good tissue tolerability.

Pledgets

Due to their oval and thinner shape, the latest generation of pledgets provide optimal adaptation to the body structures. This guarantees improved alignment. In addition, overlapping at the edges is avoided, thus averting the resultant risk of thrombus formation. Further advantages are less fraying and less narrowing of the lumen.



Needles

The needles in the SERAG-WIESSNER cardiac range are manufactured exclusively from 300 series steel. This material is outstanding for its special toughness combined with high ductility*. The sharply ground needle points also facilitate easier penetration with less force required.

Packaging

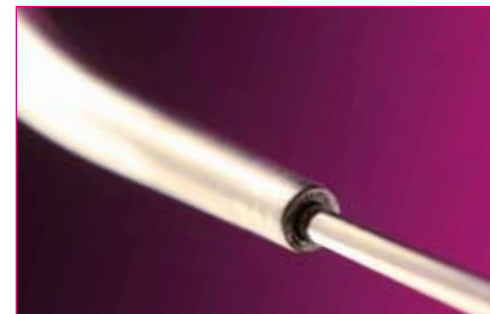
The respective needle sizes are easily recognisable through the transparent packaging. The needles and the sterile pack are both protected by the plastic foam fixings. Special punched-out recesses guarantee that the needle is easily grasped and the packaging dimensioning ensures safe handling.

Sternum wires - SERANOX®

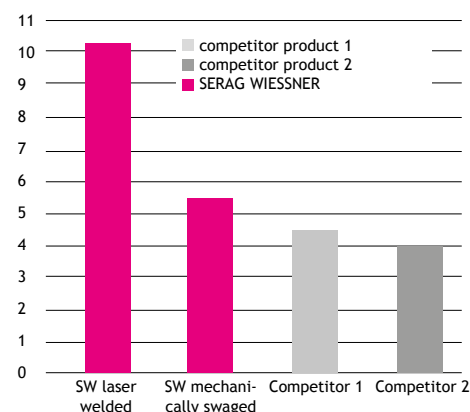
Modern laser techniques are applied in the production of the sternum wires. A firm and long-lasting connection is achieved through the new laser welding process. Sternum wires produced by this method have improved ductility* at the welded junction, are burr-free and permit the use of a strong needle pull-through force.

SERANOX® is a non-absorbable suture material that excels with its very high tensile strength and very low tissue reaction. The starting material is absolutely corrosion-resistant stainless steel.

Quality for the highest performance



Comparison of the ductility, EP8



* A higher degree of tensile strength in the needle = greater safety during the operation.

Needle designation

Material

Size of pledgets/mm

Size USP

Size EP

Length of suture/metre

Units per box

Code number

HRT-17
+HRT-17

SERACOR green	-	4/0	1,5	1 x 0,75	24	HN3F
SERACOR green	-	3/0	2	1 x 0,90	24	HN3N
SERACOR green	6 x 3 x 2	3/0	2	1 x 0,90	24	HN2S
SERACOR green	-	2/0	3	1 x 0,75	24	HN11
SERACOR green	6 x 3 x 2	2/0	3	1 x 0,75	24	HN55
SERACOR undyed	6 x 3 x 2	2/0	3	1 x 0,75	24	HN54
SERACOR green/undyed	-	2/0	3	4 x 0,75	12	HN72
SERACOR green/undyed	6 x 3 x 2	2/0	3	4 x 0,75	12	HN09
SERACOR green/undyed	3 x 2 x 1	2/0	3	8 x 0,75	6	HN1U
SERACOR green/undyed	6 x 3 x 2	2/0	3	8 x 0,75	6	HN90
SERACOR green/undyed	-	2/0	3	4 x 0,90	12	HN3I
SERACOR green/undyed	6 x 3 x 2	2/0	3	4 x 0,90	12	HN3P
SERACOR green/undyed	6 x 3 x 2	0	3,5	4 x 0,75	12	HN24

HRT-20



SERACOR green/undyed	-	2/0	3	4 x 0,75	12	HN78
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HRT-20
+HRT-20

SERACOR green	6 x 3 x 2	0	3,5	1 x 0,90	24	HN2D
SERACOR undyed	6 x 3 x 2	2/0	3	1 x 0,75	24	HN94
SERACOR green/undyed	6 x 3 x 2	3/0	2	4 x 0,90	12	HN2Y
SERACOR green/undyed	-	2/0	3	4 x 0,75	12	HN1G
SERACOR green/undyed	6 x 3 x 2	2/0	3	4 x 0,75	12	HN08
SERACOR green/undyed	6 x 3 x 2	2/0	3	8 x 0,75	6	HN93
SERACOR green/undyed	-	2/0	3	4 x 0,90	12	HN2L
SERACOR green/undyed	6 x 3 x 2	2/0	3	4 x 0,90	12	HN34
SERACOR green/undyed	-	0	3,5	4 x 0,75	12	HN2V
SERACOR green/undyed	6 x 3 x 2	0	3,5	4 x 0,90	12	HN1D

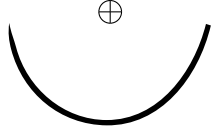
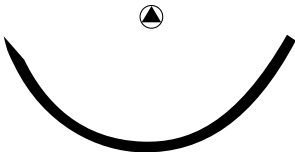
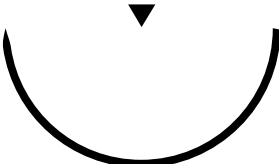
HRT-26
+HRT-26

SERACOR green	6 x 3 x 2	2/0	3	1 x 0,75	24	HN56
SERACOR green	6 x 3 x 2	0	3,5	1 x 0,90	24	HN3H
SERACOR green/undyed	-	2/0	3	4 x 0,75	12	HN06
SERACOR green/undyed	6 x 3 x 2	2/0	3	4 x 0,75	12	HN07
SERACOR green/undyed	6 x 3 x 2	2/0	3	8 x 0,75	6	HN37
SERACOR green/undyed	6 x 3 x 2	2/0	3	4 x 0,90	12	HN35
SERACOR green/undyed	-	2/0	3,5	4 x 0,90	12	HN62
SERACOR green/undyed	6 x 3 x 2	0	3,5	4 x 0,90	12	HN26
SERACOR green/undyed	-	0	3,5	8 x 0,90	6	HN44
SERACOR green/undyed	6 x 3 x 2	0	3,5	8 x 0,90	6	HN60

Further combinations on request!

PRODUCT RANGE

NEEDLE SUTURE COMBINATIONS

Needle designation		Material	Size USP	Size EP	Length of suture/metre	Units per box	Code number
STERNUM SUTURES							
HRT-40		SERANOX monofilament	4	1	2 x 0,45	12	WO409959
HRK-48		SERANOX monofilament	5	7	1 x 0,45	12	WO70136B
		SERANOX monofilament	5	7	3 x 0,45	12	WO70126B
		SERANOX monofilament	5	7	4 x 0,45	12	WO70146B
		SERANOX monofilament	5	7	6 x 0,45	12	WO70156B
		SERANOX monofilament	5	7	1 x 0,75	12	WO70346B
		SERANOX monofilament	6	8	1 x 0,45	12	WO80136B
		SERANOX monofilament	6	8	3 x 0,45	12	WO80126B
		SERANOX monofilament	6	8	4 x 0,45	12	WO80146B
		SERANOX monofilament	6	8	6 x 0,45	12	WO80156B
		SERANOX monofilament	6	8	4 x 0,75	12	WO80376B
HS-40		SERANOX monofilament	2	5	1 x 0,50	12	WO501766
HS-57		SERANOX monofilament	5	7	6 x 0,45	12	WO70151X
		SERANOX monofilament	5	7	4 x 0,75	12	WO70371X

Further combinations on request!