

**Chirasorb rapid
braided**

chirasorb

Chirasorb rapid



CHIRASORB rapid braided

CHIRASORB rapid braided is a short-term absorbable, coated, synthetic, multifilament suture made of 90% glycolide and 10% L-lactide. The substances contained in the coating and suture are nonantigenic and noncollagenous. Sterile Chirasorb rapid braided is available in violet and natural.

Absorption begins as a loss of tensile strength without appreciable loss of mass. The product elicits a minimal acute inflammatory reaction in tissues.

Progressive loss of tensile strength and absorption of Chirasorb rapid braided occurs by hydrolysis, when the polymer is degraded to glycolic and lactic acids, which are subsequently absorbed and metabolised by the body.



Indication: Skin closure (e.g. intracutaneous, subcutaneous), Paediatric surgery, Episiotomies, Circumcision, Closure of oral mucosa and Ophthalmic surgery for conjunctival sutures.

Contraindication: Chirasorb rapid braided should not be used in tissues subject to expansion, stretching or distension, or which might require long-term mechanical support.

Sizes: 6/0 to 2 USP

Structure: Multifilament

Absorption method: Hydrolysis

Strength Retention Profile:

| SHORT-TERM HEALING (12 days) | |
|------------------------------|------|
| 1 Day | 100% |
| 5 Days | 50% |
| 10-14 Days | 0% |

Mass Absorption profile: 42 days

CHIRASORB rapid braided violet ligatures

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Pre-cut threads

| EP | USP | Length | Cat. No |
|-----|-----|------------------|---------|
| 1 | 5/0 | 3 x 45 cm | LR 0012 |
| 1.5 | 4/0 | 3 x 45 cm | LR 0013 |
| 2 | 3/0 | 3 x 45 cm | LR 0014 |
| 3 | 2/0 | 3 x 45 cm | LR 0015 |
| 3.5 | 0 | 3 x 45 cm | LR 0016 |
| 4 | 1 | 3 x 45 cm | LR 0017 |
| 5 | 2 | 3 x 45 cm | LR 0018 |
| 1 | 5/0 | 6 x 45 cm | LR 0042 |
| 1.5 | 4/0 | 6 x 45 cm | LR 0043 |
| 2 | 3/0 | 6 x 45 cm | LR 0044 |
| 3 | 2/0 | 6 x 45 cm | LR 0045 |
| 3.5 | 0 | 6 x 45 cm | LR 0046 |
| 4 | 1 | 6 x 45 cm | LR 0047 |
| 1 | 5/0 | 2 x 75 cm | LR 0022 |
| 1.5 | 4/0 | 2 x 75 cm | LR 0023 |
| 2 | 3/0 | 2 x 75 cm | LR 0024 |
| 3 | 2/0 | 2 x 75 cm | LR 0025 |

Pre-cut threads










| EP | USP | Length | Cat. No |
|-----|-----|-------------------|---------|
| 3.5 | 0 | 2 x 75 cm | LR 0026 |
| 4 | 1 | 2 x 75 cm | LR 0027 |
| 5 | 2 | 2 x 75 cm | LR 0028 |
| 2 | 3/0 | 1 x 150 cm | LR 0084 |
| 3 | 2/0 | 1 x 150 cm | LR 0085 |
| 3.5 | 0 | 1 x 150 cm | LR 0086 |

Chirapack - 20 pcs./box

| EP | USP | Length | Cat. No |
|-----|-----|------------|---------|
| 1.5 | 4/0 | 1 x 300 cm | LR 0003 |
| 2 | 3/0 | 1 x 300 cm | LR 0004 |
| 3 | 2/0 | 1 x 300 cm | LR 0005 |
| 3.5 | 0 | 1 x 300 cm | LR 0006 |
| 4 | 1 | 1 x 300 cm | LR 0007 |
| 5 | 2 | 1 x 300 cm | LR 0008 |

| Needle | EP | USP | Length | Colour | Cat. No | Other information |
|---|-----|-----|-----------|--------|---------|-------------------|
| HR: ½ circle, round body needle | | | | | | |
|  HR 13 | 1 | 5/0 | 1 x 75 cm | Violet | LR 0254 | |
| | 1.5 | 4/0 | 1 x 75 cm | Violet | LR 0255 | |
|  HR 18 | 1.5 | 4/0 | 1 x 75 cm | Violet | LR 0256 | |
| | 2 | 3/0 | 1 x 75 cm | Violet | LR 0257 | |
|  HR 22 | 1.5 | 4/0 | 1 x 75 cm | Violet | LR 0261 | |
| | 2 | 3/0 | 1 x 75 cm | Violet | LR 0262 | |
| | 3 | 2/0 | 1 x 75 cm | Violet | LR 0263 | |
|  HR 27 | 2 | 3/0 | 1 x 75 cm | Violet | LR 0266 | |
| | 3 | 2/0 | 1 x 75 cm | Violet | LR 0267 | |
| | 3.5 | 0 | 1 x 75 cm | Violet | LR 0268 | |
|  HR 30 | 3.5 | 0 | 1 x 75 cm | Violet | LR 0269 | |
|  HR 35 | 2 | 3/0 | 1 x 75 cm | Violet | LR 0270 | |
| | 3 | 2/0 | 1 x 75 cm | Violet | LR 0271 | |
| | 3.5 | 0 | 1 x 90 cm | Violet | LR 0372 | |

CHIRASORB rapid braided









| Needle | EP | USP | Length | Colour | Cat. No | Other information |
|---|-----|-----|------------|--------|---------|-------------------|
| HR: ½ circle, round body needle | | | | | | |
| HR 37  | 3 | 2/0 | 1 x 45 cm | Violet | LR 0273 | |
| HR 40  | 3 | 2/0 | 1 x 75 cm | Violet | LR 0275 | |
| | 3.5 | 0 | 1 x 75 cm | Violet | LR 0276 | |
| | 4 | 1 | 1 x 75 cm | Violet | LR 0277 | |
| | 3 | 2/0 | 1 x 90 cm | Violet | LR 0375 | |
| | 3.5 | 0 | 1 x 90 cm | Violet | LR 0376 | |
| HR 48  | 4 | 1 | 1 x 90 cm | Violet | LR 0295 | |
| HR 60  | 3.5 | 0 | 1 x 120 cm | Violet | LR 1281 | |
| HRX: ½ circle, round body needle - extra strong | | | | | | |
| HRX 27  | 4 | 1 | 1 x 75 cm | Violet | LR 0432 | |
| HRX 35  | 3 | 2/0 | 1 x 90 cm | Violet | LR 0380 | |
| | 3.5 | 0 | 1 x 90 cm | Violet | LR 0381 | |
| | 4 | 1 | 1 x 90 cm | Violet | LR 0382 | |
| HRX 40  | 3.5 | 0 | 1 x 90 cm | Violet | LR 0385 | |
| | 4 | 1 | 1 x 90 cm | Violet | LR 0386 | |
| | 5 | 2 | 1 x 90 cm | Violet | LR 0387 | |
| HRX 45  | 4 | 1 | 1 x 90 cm | Violet | LR 0390 | |
| HRX 50  | 4 | 1 | 1 x 90 cm | Violet | LR 0395 | |
| | 5 | 2 | 1 x 90 cm | Violet | LR 0396 | |








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| Needle | EP | USP | Length | Colour | Cat. No | Other information |
|--|-----|-----|------------|--------|---------|-------------------|
| HRT: ½ circle, round body needle - tapercut | | | | | | |
|  HRT 37 | 3.5 | 0 | 1 x 75 cm | Violet | LR 0593 | |
| | 3 | 2/0 | 1 x 90 cm | Violet | LR 0597 | |
| | 3.5 | 0 | 1 x 90 cm | Violet | LR 0598 | |
| | 4 | 1 | 1 x 90 cm | Violet | LR 0599 | |
| | 3 | 2/0 | 1 x 120 cm | Violet | LR 0697 | |
| | 3.5 | 0 | 1 x 120 cm | Violet | LR 0698 | |
| HRTX: ½ circle, round body needle - tapercut, extra strong | | | | | | |
|  HRTX 50 | 4 | 1 | 1 x 120 cm | Violet | LR 0729 | |
| | | | | | | |
| HS: ½ circle, reverse cutting needle | | | | | | |
|  HS 18 | 1.5 | 4/0 | 1 x 75 cm | Violet | LR 0423 | |
| | 2 | 3/0 | 1 x 75 cm | Violet | LR 0424 | |
|  HS 21 | 1.5 | 4/0 | 1 x 75 cm | Violet | LR 0300 | |
| | 2 | 3/0 | 1 x 75 cm | Violet | LR 0301 | |
|  HS 37 | 4 | 1 | 1 x 90 cm | Violet | LR 0316 | |
| | | | | | | |
|  HS 40 | 4 | 1 | 1 x 75 cm | Violet | LR 0457 | |
| | 5 | 2 | 1 x 75 cm | Violet | LR 0458 | |
|  HS 48 | 3.5 | 0 | 1 x 75 cm | Violet | LR 0466 | |
| | | | | | | |
|  HS 55 | 4 | 1 | 1 x 75 cm | Violet | LR 0476 | |
| | 5 | 2 | 1 x 75 cm | Violet | LR 0477 | |

CHIRASORB rapid braided

| Needle | EP | USP | Length | Colour | Cat. No | Other information |
|--|--------------------|--------------------------|--|--------------------------------------|--|-------------------|
| DS: 3/8 circle, reverse cutting needle | | | | | | |
| DS 12  | 1 1.5 | 5/0 4/0 | 1 x 45 cm 1 x 45 cm | Violet Violet | LR 0202 LR 0203 | |
| DS 15  | 1.5 2 | 4/0 3/0 | 1 x 45 cm 1 x 45 cm | Violet Violet | LR 0206 LR 0207 | |
| DS 19  | 1 1.5 2 3 | 5/0 4/0 3/0 2/0 | 1 x 75 cm 1 x 75 cm 1 x 75 cm 1 x 75 cm | Violet Violet Violet Violet | LR 0210 LR 0211 LR 0212 LR 0213 | |
| DS 25  | 1.5 2 3 | 4/0 3/0 2/0 | 1 x 75 cm 1 x 75 cm 1 x 75 cm | Violet Violet Violet | LR 0223 LR 0224 LR 0225 | |
| DS 30  | 2 3 | 3/0 2/0 | 1 x 75 cm 1 x 75 cm | Violet Violet | LR 0234 LR 0235 | |



CHIRASORB rapid braided natural ligatures

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Pre-cut threads

| EP | USP | Length | Cat. No |
|-----|-----|-----------|---------|
| 1 | 5/0 | 3 x 45 cm | LQ 0012 |
| 1.5 | 4/0 | 3 x 45 cm | LQ 0013 |
| 2 | 3/0 | 3 x 45 cm | LQ 0014 |
| 3 | 2/0 | 3 x 45 cm | LQ 0015 |
| 3.5 | 0 | 3 x 45 cm | LQ 0016 |
| 1.5 | 4/0 | 6 x 45 cm | LQ 0043 |
| 2 | 3/0 | 6 x 45 cm | LQ 0044 |
| 3 | 2/0 | 6 x 45 cm | LQ 0045 |
| 3.5 | 0 | 6 x 45 cm | LQ 0046 |




Chirapack - 20 pcs./box

| EP | USP | Length | Cat. No |
|-----|-----|------------|---------|
| 1.5 | 4/0 | 1 x 300 cm | LQ 0003 |
| 2 | 3/0 | 1 x 300 cm | LQ 0004 |
| 3 | 2/0 | 1 x 300 cm | LQ 0005 |
| 3.5 | 0 | 1 x 300 cm | LQ 0006 |

CHIRASORB rapid braided

| Needle | EP | USP | Length | Colour | Cat. No | Other information |
|---|-----|-----|-----------|---------|---------|-------------------|
| HR: ½ circle, round body needle | | | | | | |
|  HR 13 | 1 | 5/0 | 1 x 45 cm | Natural | LQ 0252 | |
| | 1.5 | 4/0 | 1 x 45 cm | Natural | LQ 0253 | |
|  HR 18 | 1 | 5/0 | 1 x 75 cm | Natural | LQ 0255 | |
| | 1.5 | 4/0 | 1 x 75 cm | Natural | LQ 0256 | |
| | 2 | 3/0 | 1 x 75 cm | Natural | LQ 0257 | |
|  HR 22 | 1.5 | 4/0 | 1 x 75 cm | Natural | LQ 0261 | |
| | 2 | 3/0 | 1 x 75 cm | Natural | LQ 0262 | |
| | 3 | 2/0 | 1 x 75 cm | Natural | LQ 0263 | |
| | 3.5 | 0 | 1 x 75 cm | Natural | LQ 0264 | |
|  HR 27 | 2 | 3/0 | 1 x 75 cm | Natural | LQ 0266 | |
|  HR 40 | 3.5 | 0 | 1 x 75 cm | Natural | LQ 0276 | |
| | 3 | 2/0 | 1 x 90 cm | Natural | LQ 0375 | |
| | 3.5 | 0 | 1 x 90 cm | Natural | LQ 0376 | |
|  HR 50 | 3.5 | 0 | 1 x 90 cm | Natural | LQ 1392 | |

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| Needle | EP | USP | Length | Colour | Cat. No | Other information |
|---|-----|-----|------------|---------|---------|-------------------|
| HRX: ½ circle, round body needle - extra strong | | | | | | |
|  HRX 36 | 3 | 2/0 | 1 x 90 cm | Natural | LQ 0383 | |
|  HRX 40 | 3.5 | 0 | 1 x 90 cm | Natural | LQ 0385 | |
| HRT: ½ circle, round body needle - tapercut | | | | | | |
|  HRT 37 | 4 | 1 | 1 x 90 cm | Natural | LQ 0599 | |
| | 3 | 2/0 | 1 x 120 cm | Natural | LQ 0697 | |
| HRF: ½ circle, flattened body needle, taper point | | | | | | |
|  HRF 17 | 1.5 | 4/0 | 1 x 75 cm | Natural | LQ 9256 | |
|  HRF 22 | 1.5 | 4/0 | 1 x 75 cm | Natural | LQ 9261 | |
|  HRF 31 | 3 | 2/0 | 1 x 75 cm | Natural | LQ 9269 | |
| HS: ½ circle, reverse cutting needle | | | | | | |
|  HS 21 | 2 | 3/0 | 1 x 75 cm | Natural | LQ 0301 | |

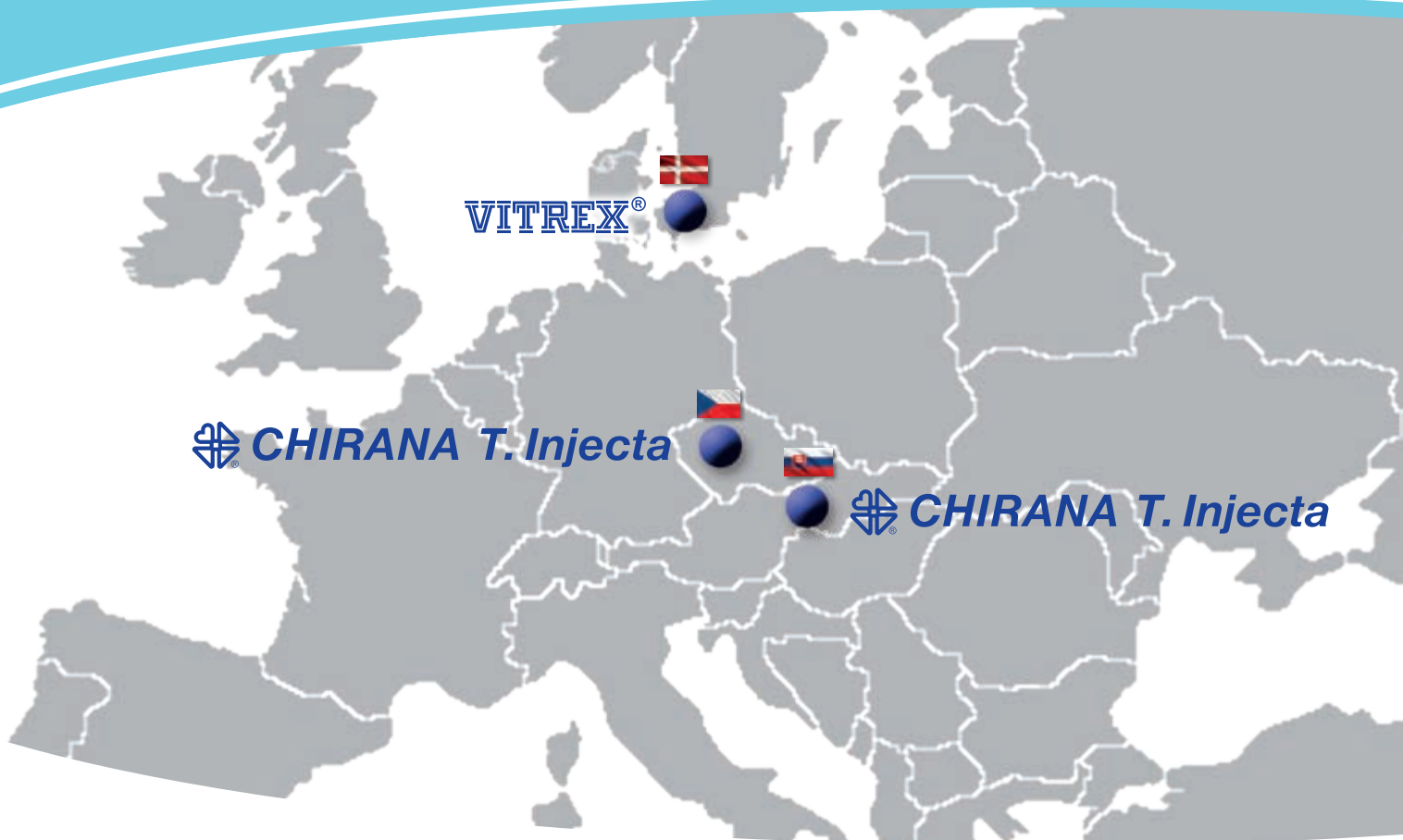


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Absorbable - Chirasorb rapid braided

| Needle | EP | USP | Length | Colour | Cat. No | Other information |
|---|----------------------|--------------------------|--|--|--|-------------------------|
| DS: 3/8 circle, reverse cutting needle | | | | | | |
| DS 15  | 1.5 2 | 4/0 3/0 | 1 x 75 cm 1 x 75 cm | Natural Natural | LQ 1216 LQ 1217 | |
| DS 19  | 1.5 1 1.5 2 | 4/0 5/0 4/0 3/0 | 1 x 45 cm 1 x 75 cm 1 x 75 cm 1 x 75 cm | Natural Natural Natural Natural | LQ 0216 LQ 0210 LQ 1226 LQ 1227 | |
| DS 25  | 2 3 | 3/0 2/0 | 1 x 75 cm 1 x 75 cm | Natural Natural | LQ 0224 LQ 0225 | |
| DS 30  | 2 3 3 | 3/0 2/0 2/0 | 1 x 75 cm 1 x 75 cm 1 x 90 cm | Natural Natural Natural | LQ 0234 LQ 0235 LQ 0239 | |
| DSC: 3/8 circle, conventional cutting needle | | | | | | |
| DSC 22  | 2 | 3/0 | 1 x 45 cm | Natural | LQ 8227 | |
| DSM: 3/8 circle, reverse cutting needle - micropoint | | | | | | |
| DSM 12  | 1 1.5 1 | 5/0 4/0 5/0 | 1 x 45 cm 1 x 45 cm 1 x 75 cm | Natural Natural Natural | LQ 0202 LQ 1203 LQ 0198 | Advanced cutting needle |
| DSM 15  | 1 1.5 | 5/0 4/0 | 1 x 45 cm 1 x 45 cm | Natural Natural | LQ 0206 LQ 0207 | Advanced cutting needle |
| DSM 19  | 1.5 2 | 4/0 3/0 | 1 x 75 cm 1 x 75 cm | Natural Natural | LQ 0212 LQ 0213 | Advanced cutting needle |
| DSM 25  | 2 | 3/0 | 1 x 75 cm | Natural | LQ 0221 | Advanced cutting needle |
| GS: Straight, reverse cutting needle | | | | | | |
| GS 60  | 2 3 | 3/0 2/0 | 1 x 75 cm 1 x 75 cm | Natural Natural | LQ 0236 LQ 0237 | |



The CTI group

A constellation of 3 European manufacturers of high quality products for the healthcare sector

The CTI group consists of: CHIRANA T. Injecta in Slovakia, CHIRANA T. Injecta in the Czech Republic and Vitrex Medical in Denmark.

The intention of CTI group is to serve as an “umbrella-organization”, where the individual companies collaborate to be “Committed to Innovation” and reach the joint goal:
- to develop, produce and distribute high quality, healthcare products.





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The CTI group

CHIRANA T. Injecta, Slovakia

CHIRANA T. Injecta is a global, state of the art manufacturer of healthcare products, which was founded in 1935.

In 1947 CHIRANA T. Injecta started manufacturing glass syringes and they have ever since focused on development and production of high quality, disposable products for the healthcare sector. Through continuously updating production facilities and expanding their product range, they are today supplying:

- Hypodermic syringes
- Perfusion syringes
- Pen and Blood collection needles
- Insulin syringes
- Cannula and lancet needles

CHIRANA T. Injecta, Czech Republic

CHIRANA T. Injecta was founded in 1930. Since the early 1990s they have made substantial investments in upgrading the production resources, enabling the company to offer products in an unique quality.

Their more than 85 years of experience with manufacturing sutures has resulted in top priority within quality control, product development and sutures manufactured in line with state of the art technology. Their present range consist of:

- Surgical Sutures, Ligatures and Meshes
- Veterinary bottles and Eye needles
- Microsurgery and Cardiovascular sutures
- Antibacterial sutures

VITREX Medical, Denmark

Vitrex Medical was founded in 1965 and has since the 1970s mainly focused on supplying to the laboratory and analytical sector.

With more than 50 years of experience Vitrex Medical has become the largest manufacturer of capillary tubes in the world today by developing equipment, establishing technologies, and optimizing production processes. Vitrex Medical currently supplies:

- Capillary tubes and Micro-Hematocrit tubes
- Micro-pipettes
- Safety lancets
- Vacuum tubes and Blood collection needles
- Pen needles and Diabetic lancets



Version UK07

Designed by Vitrex Medical A/S

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CHIRANA T. Injecta, s.r.o.

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