

**Silk
braided**

Silk
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SILK braided

SILK braided is a natural and non-absorbable, multifilament suture material. To give Silk braided a certain stiffness a special technology is applied.

The braided suture is stiffened by inserting a twisted stem from the same material. The Silk is coated to achieve water resistance and avoid its high capillary effect.

Silk braided is characterised by its constant thread diameter and high tensile strength. The advantages of Silk braided sutures are their extreme pliability, ease of handling and excellent knot strength.



Indication: Skin closure, Subcutaneous tissue, Fascia, Peritoneum, Plastic surgery, Gynaecology and the organs of the Gastrointestinal tract.

Contraindication: Silk braided should not be used for suturing infected wounds. Silk braided cannot be used when permanent suture stability is required.

Chemical Composition: Natural silk

Sizes: 9/0 to 5 USP

Structure: Multifilament

Absorption method: Non-absorbable

Colour: Black

SILK braided black ligatures

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Pre-cut threads










EP	USP	Length	Cat. No
3	2/0	5 x 30 cm	HB 7055
1.5	4/0	3 x 45 cm	HB 4033
2	3/0	3 x 45 cm	HB 4034
3	2/0	3 x 45 cm	HB 4035
5	2	3 x 45 cm	HB 4038
3	2/0	6 x 45 cm	HB 4045
1.5	4/0	12 x 45 cm	HB 3043
2	3/0	12 x 45 cm	HB 3044
3	2/0	12 x 45 cm	HB 3045
3.5	0	12 x 45 cm	HB 3046
1	5/0	1 x 150 cm	317
1.5	4/0	1 x 150 cm	318
2	3/0	1 x 150 cm	319
3	2/0	1 x 150 cm	321
3.5	0	1 x 150 cm	322
4	1	1 x 150 cm	323
5	2	1 x 150 cm	324
6	3 + 4	1 x 150 cm	325
7	5	1 x 150 cm	326

Chirapack - 20 pcs./box

EP	USP	Length	Cat. No
2	3/0	1 x 300 cm	HB 3053
3	2/0	1 x 300 cm	HB 3054
3.5	0	1 x 300 cm	HB 3055
4	1	1 x 300 cm	HB 3056

Non-absorbable - Silk braided

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Needle	EP	USP	Length	Colour	Cat. No	Other information
HR: ½ circle, round body needle						
HR 10 	1	5/0	1 x 45 cm	Black	355	
HR 13 	1	5/0	1 x 45 cm	Black	3102	
HR 15 	0.7 2	6/0 3/0	1 x 75 cm 1 x 75 cm	Black Black	3110 3113	
HR 16 	1.5	4/0	1 x 75 cm	Black	3124	
HR 18 	1.5	4/0	1 x 75 cm	Black	3104	
HR 22 	2	3/0	1 x 75 cm	Black	3108	
HR 27 	3 3.5	2/0 0	1 x 75 cm 1 x 75 cm	Black Black	3115 3116	
HR 30 	2 3	3/0 2/0	1 x 75 cm 1 x 75 cm	Black Black	3118 3119	
HR 35 	4	1	1 x 75 cm	Black	3131	



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Needle	EP	USP	Length	Colour	Cat. No	Other information
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HRT: ½ circle, round body needle - tapercut

HRT 17



1.5
2

4/0
3/0

1 x 45 cm
1 x 45 cm

Black
Black

3153
3154

DR: 3/8 circle, round body needle

DR 8



0.5
1

7/0
5/0

1 x 45 cm
1 x 45 cm

Black
Black

350
352

DR 10



0.5

7/0

1 x 45 cm

Black

351

DR 12



1

5/0

1 x 45 cm

Black

3001

DR 15



1.5

4/0

1 x 45 cm

Black

3012

1

5/0

1 x 75 cm

Black

3010

DR 18



1.5

4/0

1 x 75 cm

Black

3003

DR 21



1.5

4/0

1 x 75 cm

Black

3011

GR: Straight, round body needle

GR 20



1.5
2

4/0
3/0

1 x 75 cm
1 x 75 cm

Black
Black

3205
3206

GR 45



3









2/0

1 x 75 cm

Black

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Needle	EP	USP	Length	Colour	Cat. No	Other information
HS: ½ circle, reverse cutting needle						
 HS 18	1.5	4/0	1 x 45 cm	Black	3402	
	1.5	4/0	1 x 75 cm	Black	3405	
	2	3/0	1 x 75 cm	Black	3406	
	3	2/0	1 x 75 cm	Black	3407	
 HS 21	3	2/0	1 x 75 cm	Black	3427	
 HS 24	2	3/0	1 x 75 cm	Black	3434	
 HS 40	4	1	1 x 75 cm	Black	3465	
DS: 3/8 circle, reverse cutting needle						
 DS 12	0.7	6/0	1 x 45 cm	Black	3312	
	1	5/0	1 x 45 cm	Black	3313	
	1	5/0	1 x 75 cm	Black	3317	
 DS 15	1.5	4/0	1 x 45 cm	Black	3320	
 DS 16	1.5	4/0	1 x 75 cm	Black	3331	
	2	3/0	1 x 75 cm	Black	3332	
 DS 19	1.5	4/0	1 x 45 cm	Black	3335	
	2	3/0	1 x 75 cm	Black	3336	
	3	2/0	1 x 75 cm	Black	3337	

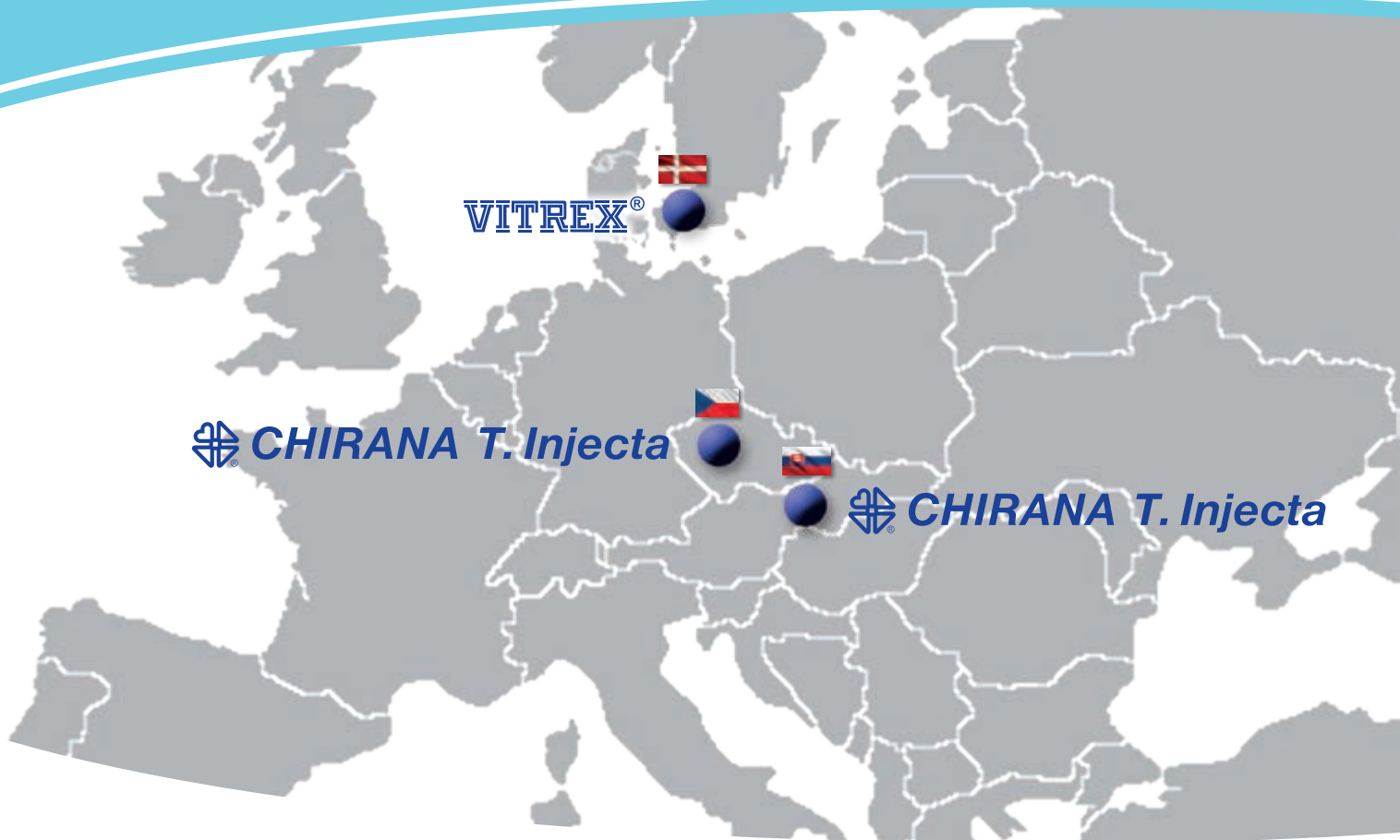


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Non-absorbable - Silk braided

Needle	EP	USP	Length	Colour	Cat. No	Other information
DS: 3/8 circle, reverse cutting needle						
 DS 25	1.5	4/0	1 x 45 cm	Black	3343	
	2	3/0	1 x 45 cm	Black	3344	
	3	2/0	1 x 45 cm	Black	3345	
 DS 30	3	2/0	1 x 75 cm	Black	3348	
	4	1	1 x 75 cm	Black	3347	
 DS 30	3	2/0	1 x 75 cm	Black	3351	
	3.5	0	1 x 75 cm	Black	3352	
	4	1	1 x 75 cm	Black	3353	
 DS 40	3.5	0	1 x 75 cm	Black	3366	
DSC: 3/8 circle, conventional cutting needle						
 DSC 16	0.7	6/0	1 x 45 cm	Black	8326	
	1	5/0	1 x 75 cm	Black	8327	
	3	2/0	1 x 75 cm	Black	8325	
 DSC 40	3	2/0	1 x 100 cm	Black	8365	
 DSC 60	4	1	1 x 75 cm	Black	8377	
DSM: 3/8 circle, reverse cutting needle - micropoint						
 DSM 19	2	3/0	1 x 45 cm	Black	3534	Advanced cutting needle
GS: Straight, reverse cutting needle						
 GS 60	3	2/0	1 x 75 cm	Black	3225	
 GS 75	2	3/0	1 x 75 cm	Black	3224	
	3.5	0	1 x 75 cm	Black	3223	



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



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CHIRANA T. Injecta, s.r.o.

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