

Silon
**Silon
monofilament**

Silon monofilament

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Silon

monofilament



SILON monofilament

SILON monofilament is a non-absorbable, synthetic suture made of polyamide, which has a smooth non-porous surface.

The thread is extremely useful for skin sutures and has a high tensile strength in knots, and knots tie down easily. The thread is available in blue and black.

Silon monofilament can cause a slight initial inflammatory tissue reaction.



Indication: Plastic and General surgery and wherever suturing the skin.

Contraindication: Silon monofilament should not be used when long-term mechanical support is required.

Chemical Composition: Polyamide 6

Sizes: 10/0 to 2 USP

Structure: Monofilament

Absorption method: Non-absorbable

Colour: Blue and Black

SILON monofilament blue ligatures

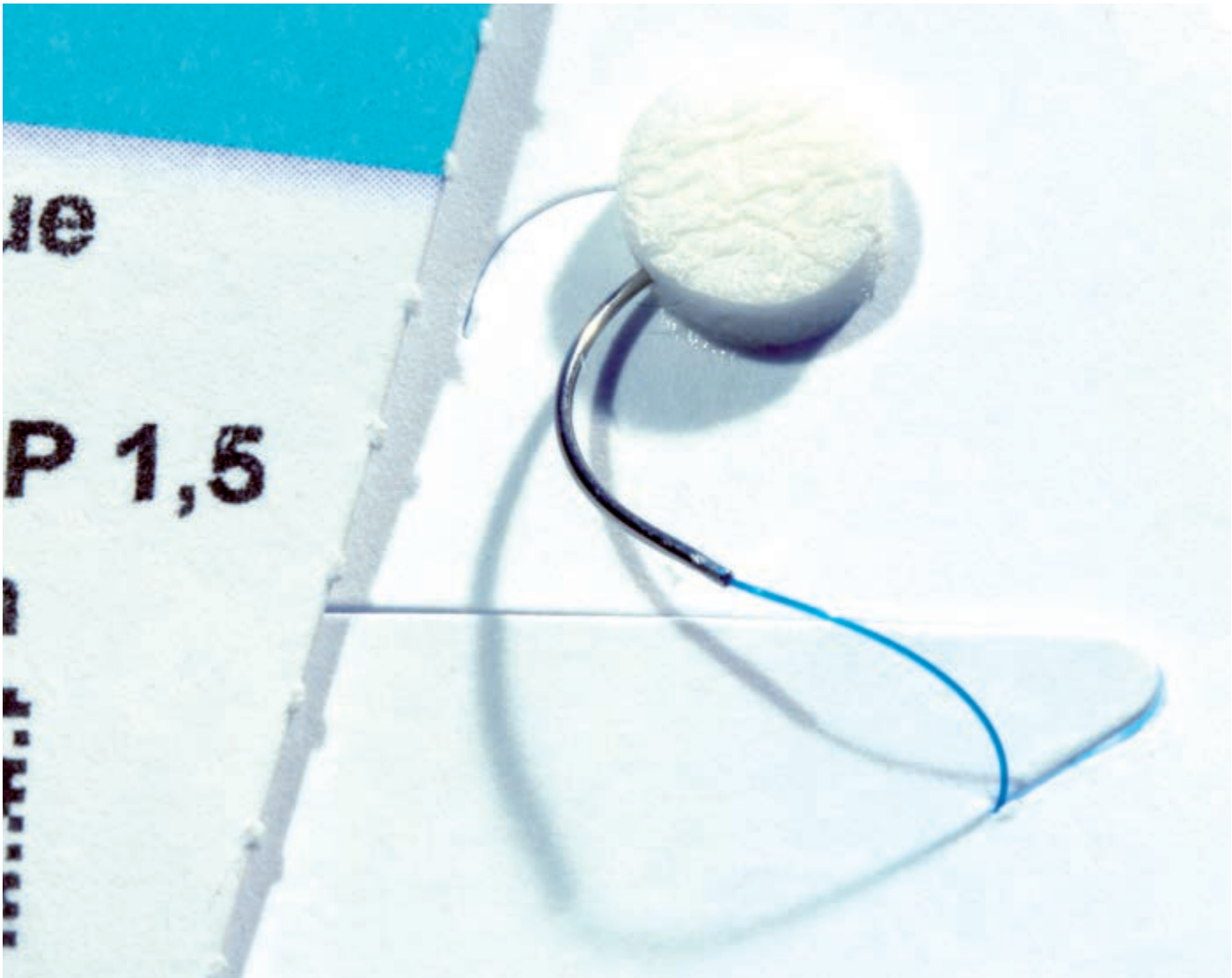


Pre-cut threads

EP	USP	Length	Cat. No
1	5/0	3 x 45 cm	405
1.5	4/0	3 x 45 cm	406
2	3/0	3 x 45 cm	407
3	2/0	3 x 45 cm	408
1	5/0	10 x 45 cm	409
1.5	4/0	10 x 45 cm	410
2	3/0	10 x 45 cm	411
3	2/0	10 x 45 cm	412
1	5/0	5 x 75 cm	413
1.5	4/0	5 x 75 cm	414

Pre-cut threads

EP	USP	Length	Cat. No
2	3/0	5 x 75 cm	415
3	2/0	5 x 75 cm	416
2	3/0	2 x 100 cm	1485
3.5	0	2 x 100 cm	1487
1	5/0	1 x 150 cm	401
1.5	4/0	1 x 150 cm	402
2	3/0	1 x 150 cm	403
3	2/0	1 x 150 cm	404
3.5	0	1 x 150 cm	1405
4	1	1 x 150 cm	1406



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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	Blue	SM 2453	
HR 13 	1.5	4/0	1 x 45 cm	Blue	4125	
	0.7	6/0	1 x 60 cm	Blue	SM 4126	
HR 18 	1.5	4/0	1 x 75 cm	Blue	4104	
HR 22 	2	3/0	1 x 75 cm	Blue	4106	
HR 27 	3	2/0	1 x 75 cm	Blue	SM 4137	
HR 30 	3	2/0	1 x 75 cm	Blue	SM 4142	
HR 35 	3.5	0	1 x 75 cm	Blue	SM 4149	
HR 40 	4	1	1 x 75 cm	Blue	4152	
	3.5	0	1 x 100 cm	Blue	SM 4154	
HRX: ½ circle, round body needle - extra strong						
HRX 35 	3.5	0	1 x 75 cm	Blue	SM 4241	
HRX 40 	4	1	1 x 150 cm	Blue	SM 5033	Loop
HRX 45 	4	1	1 x 200 cm	Blue	SM 4540	Loop



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Needle	EP	USP	Length	Colour	Cat. No	Other information
HRX: ½ circle, round body needle - extra strong						
HRX 48 	4	1	1 x 150 cm	Blue	SM 5034	Loop
	4	1	1 x 200 cm	Blue	SM 5037	Loop
HRX 50 	3.5	0	1 x 150 cm	Blue	SM 5035	Loop
	4	1	1 x 200 cm	Blue	SM 5040	Loop
HRT: ½ circle, round body needle - tapercut						
HRT 13 	0.7 1 1.5	6/0 5/0 4/0	1 x 45 cm 1 x 45 cm 1 x 45 cm	Blue Blue Blue	SM 2552 SM 2553 SM 2554	
DR: 3/8 circle, round body needle						
DR 8 	0.5 1	7/0 5/0	1 x 45 cm 1 x 45 cm	Blue Blue	SM 2448 450	
DR 10 	1	5/0	1 x 45 cm	Blue	451	
DR 15 	1.5	4/0	1 x 45 cm	Blue	4024	
DR 18 	1.5 2	4/0 3/0	1 x 75 cm 1 x 75 cm	Blue Blue	4003 4021	
DR 21 	2 3	3/0 2/0	1 x 75 cm 1 x 75 cm	Blue Blue	SM 2325 SM 2326	
DR 31 	2 3	3/0 2/0	1 x 75 cm 1 x 75 cm	Blue Blue	SM 2330 SM 2331	

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Needle	EP	USP	Length	Colour	Cat. No	Other information
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GR: Straight, round body needle

2 x GR 60



3.5	0	1 x 90 cm	Blue	SM 2358
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HS: ½ circle, reverse cutting needle

HS 12



1	5/0	1 x 45 cm	Blue	SM 2305
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1	5/0	1 x 75 cm	Blue	SM 2306
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HS 15



2	3/0	1 x 45 cm	Blue	SM 2308
---	-----	-----------	------	---------

HS 18



1.5	4/0	1 x 75 cm	Blue	4420
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HS 25



2	3/0	1 x 75 cm	Blue	SM 2311
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HS 40



4	1	1 x 75 cm	Blue	SM 2413
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3.5	0	1 x 100 cm	Blue	SM 3382
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DS: 3/8 circle, reverse cutting needle

DS 10



0.5	7/0	1 x 45 cm	Blue	SM 2251
0.7	6/0	1 x 45 cm	Blue	SM 2252

DS 11



0.5	7/0	1 x 45 cm	Blue	SM 2254
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DS 12



0.5	7/0	1 x 45 cm	Blue	4328
0.7	6/0	1 x 45 cm	Blue	SM 2255
0.7	6/0	1 x 45 cm	Black	SM 4255
1	5/0	1 x 45 cm	Blue	SM 2256
1	5/0	1 x 45 cm	Black	SM 4256
1.5	4/0	1 x 45 cm	Blue	SM 2257

DS 13



1	5/0	1 x 75 cm	Blue	SM 2248
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Non-absorbable - Silon monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
DS: 3/8 circle, reverse cutting needle						
 DS 15	0.7	6/0	1 x 45 cm	Blue	SM 2260	
	1	5/0	1 x 45 cm	Blue	SM 2261	
	1	5/0	1 x 45 cm	Black	SM 4261	
	1.5	4/0	1 x 45 cm	Blue	SM 2262	
	2	3/0	1 x 45 cm	Blue	SM 2263	
	1.5	4/0	1 x 75 cm	Blue	SM 2362	
 DS 16	0.7	6/0	1 x 45 cm	Blue	SM 2460	
	0.7	6/0	1 x 60 cm	Blue	SM 2459	
 DS 19	0.7	6/0	1 x 45 cm	Blue	4332	
	1	5/0	1 x 45 cm	Blue	SM 2266	
	1	5/0	1 x 45 cm	Black	SM 4266	
	1.5	4/0	1 x 45 cm	Blue	SM 2367	
	2	3/0	1 x 45 cm	Blue	SM 2368	
	2	3/0	1 x 45 cm	Black	SM 4368	
	3	2/0	1 x 45 cm	Blue	SM 2369	
	1	5/0	1 x 75 cm	Blue	SM 2366	
	1.5	4/0	1 x 75 cm	Blue	SM 2267	
	2	3/0	1 x 75 cm	Blue	SM 2268	
	3	2/0	1 x 75 cm	Blue	SM 2269	
	1	5/0	1 x 90 cm	Blue	SM 2466	
 DS 20	1.5	4/0	1 x 75 cm	Blue	SM 2471	
 DS 24	1.5	4/0	1 x 75 cm	Blue	SM 3277	
	2	3/0	1 x 75 cm	Blue	SM 3276	
	3	2/0	1 x 75 cm	Blue	SM 3275	
 DS 25	1.5	4/0	1 x 45 cm	Blue	SM 2372	
	1.5	4/0	1 x 45 cm	Black	SM 4372	
	2	3/0	1 x 45 cm	Blue	SM 2373	
	2	3/0	1 x 45 cm	Black	SM 4373	
	3	2/0	1 x 45 cm	Blue	SM 2374	
	3	2/0	1 x 45 cm	Black	SM 4374	
	1	5/0	1 x 75 cm	Blue	SM 2375	
	1.5	4/0	1 x 75 cm	Blue	SM 2273	
	2	3/0	1 x 75 cm	Blue	SM 2270	
	3	2/0	1 x 75 cm	Blue	SM 2271	
	3.5	0	1 x 75 cm	Blue	SM 2272	
	4	1	1 x 75 cm	Blue	SM 2274	
	2	3/0	1 x 90 cm	Blue	SM 3272	
	3	2/0	1 x 90 cm	Blue	SM 3271	

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Needle	EP	USP	Length	Colour	Cat. No	Other information
DS: 3/8 circle, reverse cutting needle						
 DS 30	3	2/0	1 x 45 cm	Blue	SM 2384	
	3.5	0	1 x 45 cm	Blue	SM 2385	
	1.5	4/0	1 x 75 cm	Blue	SM 4324	
	2	3/0	1 x 75 cm	Blue	4325	
 DS 37	3	2/0	1 x 75 cm	Blue	SM 2284	
	3.5	0	1 x 75 cm	Blue	SM 2285	
	2	3/0	1 x 90 cm	Blue	SM 4325	
	3	2/0	1 x 90 cm	Blue	SM 4326	
 DS 38	4	1	1 x 90 cm	Blue	SM 4327	
	3.5	0	1 x 75 cm	Blue	SM 2290	
	3	2/0	1 x 75 cm	Blue	SM 2291	
	4	1	1 x 75 cm	Blue	SM 2292	
 DS 40	3	2/0	1 x 90 cm	Blue	SM 2497	
	3.5	0	1 x 90 cm	Blue	SM 2495	
 DS 50	4	1	1 x 100 cm	Blue	SM 2693	
	3	2/0	1 x 100 cm	Blue	SM 3388	
	4	1	1 x 100 cm	Blue	SM 3390	
 DS 60	4	1	1 x 100 cm	Blue	SM 3395	
	3	2/0	1 x 100 cm	Blue	SM 3388	
	4	1	1 x 100 cm	Blue	SM 3390	
	3	2/0	1 x 100 cm	Blue	SM 3395	

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Needle	EP	USP	Length	Colour	Cat. No	Other information
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DSC: 3/8 circle, conventional cutting needle

DSC 90



3
3.5

2/0
0

1 x 100 cm
1 x 100 cm

Blue
Blue

SM 8397
SM 8394

DSM: 3/8 circle, reverse cutting needle - micropoint

DSM 12



0.7
1
1.5
1.5

6/0
5/0
4/0
4/0

1 x 45 cm
1 x 45 cm
1 x 45 cm
1 x 45 cm

Blue
Blue
Blue
Black

SM 2055
SM 2056
SM 2057
SM 4057

Advanced
cutting
needle

1

5/0

1 x 75 cm

Blue

SM 2053

DSM 15



1
1.5
2

5/0
4/0
3/0

1 x 45 cm
1 x 45 cm
1 x 45 cm

Blue
Blue
Blue

SM 2060
SM 2061
SM 2062

Advanced
cutting
needle

DSM 19



1
1.5
2

5/0
4/0
3/0

1 x 45 cm
1 x 45 cm
1 x 45 cm

Blue
Blue
Blue

SM 2064
SM 2065
SM 2066

Advanced
cutting
needle

1
2

5/0
3/0

1 x 75 cm
1 x 75 cm

Blue
Blue

SM 2166
SM 2168

DSM 25



1.5
2

4/0
3/0

1 x 45 cm
1 x 45 cm

Blue
Blue

SM 2073
SM 2074

Advanced
cutting
needle

2
3

3/0
2/0

1 x 75 cm
1 x 75 cm

Blue
Blue

SM 2078
SM 2079

DSM 40



3

2/0

1 x 75 cm

Blue

SM 2090

Advanced
cutting
needle

DSMC: 3/8 circle, conventional cutting needle - micropoint

DSMC 19



1

5/0

1 x 100 cm

Blue

SM 8081

Advanced
cutting
needle

DSMC 20



1.5

4/0

1 x 45 cm

Blue

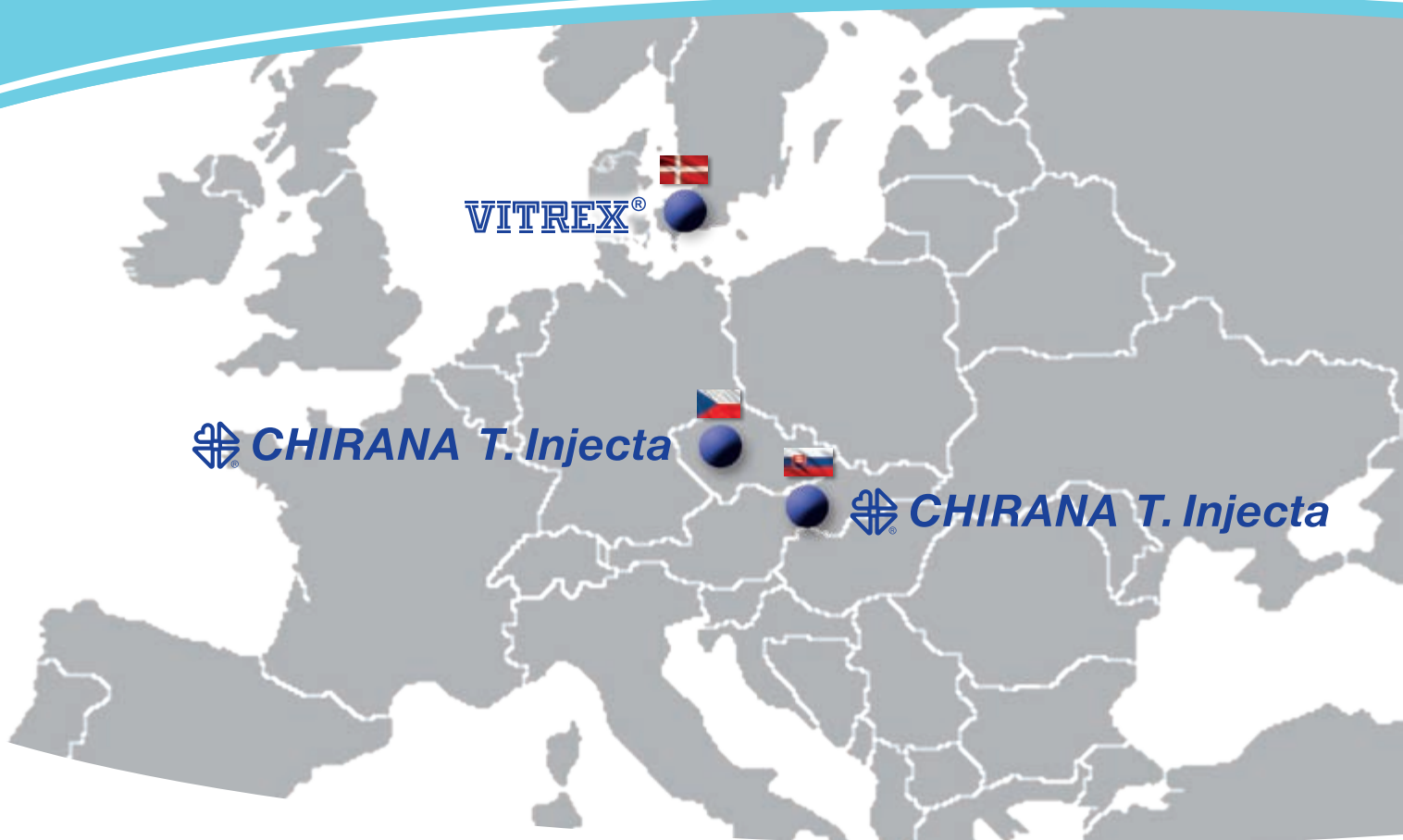
SM 8065

Advanced
cutting
needle

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Needle	EP	USP	Length	Colour	Cat. No	Other information
GS: Straight, reverse cutting needle						
GS 50 	3	2/0	1 x 90 cm	Blue	SM 3295	
GS 60 	2 3	3/0 2/0	1 x 75 cm 1 x 75 cm	Blue Blue	SM 3283 SM 3284	
	3	2/0	1 x 90 cm	Blue	SM 3294	
GS 75 	3.5	0	1 x 75 cm	Blue	SM 3299	
Minimal invasive surgery						
	3.5	0	1 x 70 cm	Blue	MS 1124	Loop





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

2023-02 Rev.007

CHIRANA T. Injecta, s.r.o.

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