

Chiralen

Chiralen monofilament

Chiralen

Chiralen

Chiralen



CHIRALEN monofilament

UK07
141

CHIRALEN monofilament is a non-absorbable suture made of polypropylene. The thread is hydrophobic and is not subject to degradation by tissue enzymes.

Chiralen monofilament has a smooth, non-porous surface, that guarantees a clean and smooth passage through the tissue, optimal elasticity, good elongation properties and high visibility. In tissues, it can cause a minimal acute inflammatory reaction.



Indication: All surgical specialities, especially Cardiovascular, Plastic, Reconstructive, Ophthalmic, Orthopaedic and Traumatology (e.g. tendons).

Contraindication: Chiralen monofilament must not penetrate into the inner parts of the digestive and urinary tracts.

Chemical Composition: Polypropylene

Sizes: 10/0 to 2 USP

Structure: Monofilament

Absorption method: Non-absorbable

Colour: Blue and Black

CHIRALEN monofilament

UK07
142



Non-absorbable - Chiralen monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
HR: ½ circle, round body needle						
2 x HR 8 	0.5	7/0	1 x 45 cm	Blue	PP 5205	
HR 10 	0.7	6/0	1 x 45 cm	Blue	PP 5142	
2 x HR 10 	0.7	6/0	1 x 45 cm	Blue	PP 5210	
	1	5/0	1 x 45 cm	Blue	PP 5211	
	1	5/0	1 x 60 cm	Blue	PP 6211	
HR 13 	0.5	7/0	1 x 75 cm	Blue	PP 5209	
	0.7	6/0	1 x 75 cm	Blue	PP 5145	
	1	5/0	1 x 75 cm	Blue	PP 5146	
2 x HR 13 	1	5/0	1 x 45 cm	Blue	PP 5220	
	0.7	6/0	1 x 75 cm	Blue	PP 5219	
	1	5/0	1 x 75 cm	Blue	PP 5222	
	1.5	4/0	1 x 75 cm	Blue	PP 5223	
2 x HR 15 	1.5	4/0	1 x 90 cm	Blue	PP 5228	
HR 17 	1	5/0	1 x 90 cm	Blue	PP 5558	
2 x HR 17 	1	5/0	1 x 75 cm	Blue	PP 5236	
	1 1.5	5/0 4/0	1 x 90 cm 1 x 90 cm	Blue Blue	PP 5248 PP 5244	
HR 18 	1	5/0	1 x 75 cm	Blue	PP 5152	
	1.5	4/0	1 x 75 cm	Blue	PP 5153	
	2	3/0	1 x 75 cm	Blue	PP 5154	
2 x HR 18 	1	5/0	1 x 75 cm	Blue	PP 5233	
	1.5	4/0	1 x 75 cm	Blue	PP 5234	
	2	3/0	1 x 75 cm	Blue	PP 5235	
	1	5/0	1 x 90 cm	Blue	PP 5237	
	1.5	4/0	1 x 90 cm	Blue	PP 5238	
	2	3/0	1 x 90 cm	Blue	PP 5239	

CHIRALEN monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
HR: ½ circle, round body needle						
2 x HR 20 	1.5	4/0	1 x 90 cm	Blue	PP 5251	
HR 22 	1	5/0	1 x 75 cm	Blue	PP 5158	
	1.5	4/0	1 x 75 cm	Blue	PP 5157	
	2	3/0	1 x 75 cm	Blue	PP 5156	
	3	2/0	1 x 75 cm	Blue	PP 5155	
	1.5	4/0	1 x 90 cm	Blue	PP 5557	
2 x HR 22 	2	3/0	1 x 75 cm	Blue	PP 5249	
	3	2/0	1 x 75 cm	Blue	PP 5250	
	1.5	4/0	1 x 90 cm	Blue	PP 5246	
	2	3/0	1 x 90 cm	Blue	PP 5247	
HR 25 	3	2/0	1 x 90 cm	Blue	PP 5559	
HR 26 	2	3/0	1 x 75 cm	Blue	PP 5563	
	3.5	0	1 x 75 cm	Blue	PP 5562	
	3	2/0	1 x 90 cm	Blue	PP 5564	
2 x HR 26 	1.5	4/0	1 x 90 cm	Blue	PP 5351	
	2	3/0	1 x 90 cm	Blue	PP 5257	
	2	3/0	1 x 120 cm	Blue	PP 5362	
2 x HR 26 black 	1.5	4/0	1 x 90 cm	Blue	PP 5258	Black needles



CHIRALEN monofilament

UK07
144



Non-absorbable - Chiralen monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
HR: ½ circle, round body needle						
 HR 27	2	3/0	1 x 75 cm	Blue	PP 5163	
	3	2/0	1 x 75 cm	Blue	PP 5164	
	3.5	0	1 x 90 cm	Blue	PP 5561	
 2 x HR 27	1.5	4/0	1 x 90 cm	Blue	PP 5266	
	2	3/0	1 x 90 cm	Blue	PP 5267	
	3	2/0	1 x 90 cm	Blue	PP 5255	
 HR 30	2	3/0	1 x 120 cm	Blue	PP 5354	
	3	2/0	1 x 120 cm	Blue	PP 5355	
 HR 30	3	2/0	1 x 75 cm	Blue	PP 5165	
	3.5	0	1 x 75 cm	Blue	PP 5166	
	4	1	1 x 75 cm	Blue	PP 5167	
	3	2/0	1 x 90 cm	Blue	PP 5261	
	3.5	0	1 x 100 cm	Blue	PP 5169	
 2 x HR 30	3	2/0	1 x 90 cm	Blue	PP 5271	
 HR 37	4	1	1 x 75 cm	Blue	PP 5181	
 HR 40	3	2/0	1 x 75 cm	Blue	PP 5185	
	4	1	1 x 100 cm	Blue	PP 5968	
HR s: ½ circle, round body needle - slim						
 2 x HR s 18 Black	1	5/0	1 x 75 cm	Blue	PP 5965	Slim black needles
 2 x HR s 22	1.5	4/0	1 x 75 cm	Blue	PP 5975	Slim needles

CHIRALEN monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
HRX: ½ circle, round body needle - extra strong						
HRX 35 	3.5 4	0 1	1 x 75 cm 1 x 75 cm	Blue Blue	PP 5373 PP 5372	
HRX 40 	4	1	1 x 90 cm	Blue	PP 5386	
2 x HRX 50 	3	2/0	1 x 120 cm	Blue	PP 5491	

UK07
145



Non-absorbable - Chiralen monofilament



CHIRALEN monofilament

UK07
146



Non-absorbable - Chiralen monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
HRT: ½ circle, round body needle - tapercut						
2 x HRT 10 	0.5	7/0	1 x 60 cm	Blue	PP 5336	
HRT 11 	1	5/0	1 x 60 cm	Blue	PP 5421	
HRT 13 	1	5/0	1 x 75 cm	Blue	PP 5422	
2 x HRT 13 	0.7 1	6/0 5/0	1 x 75 cm 1 x 75 cm	Blue Blue	PP 5321 PP 5322	
HRT 17 	1.5	4/0	1 x 75 cm	Blue	PP 5433	
2 x HRT 17 	1	5/0	1 x 75 cm	Blue	PP 5332	
	1.5	4/0	1 x 75 cm	Blue	PP 5333	
	2	3/0	1 x 75 cm	Blue	PP 5334	
	1	5/0	1 x 90 cm	Blue	PP 5932	
	1.5	4/0	1 x 90 cm	Blue	PP 5933	
	2	3/0	1 x 90 cm	Blue	PP 5934	



CHIRALEN monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
HRT: ½ circle, round body needle - tapercut						
HRT 25 	3	2/0	1 x 75 cm	Blue	PP 5445	
2 x HRT 25 	3	2/0	1 x 75 cm	Blue	PP 5345	
	1.5	4/0	1 x 90 cm	Blue	PP 5943	
	2	3/0	1 x 90 cm	Blue	PP 5944	
	3	2/0	1 x 90 cm	Blue	PP 5945	
2 x HRT 27 	2	3/0	1 x 90 cm	Blue	PP 5952	
HRT 37 	3.5	0	1 x 75 cm	Blue	PP 5466	
DR: 3/8 circle, round body needle						
2 x DR 8 	0.4	8/0	1 x 75 cm	Blue	PP 5282	
	0.5	7/0	1 x 60 cm	Blue	PP 5905	
2 x DR 9.3 	0.5	7/0	1 x 60 cm	Blue	PP 5921	
2 x DR 9.3 Black 	0.7	6/0	1 x 60 cm	Blue	PP 5920	Black needles
DR 10 	0.5	7/0	1 x 75 cm	Blue	PP 5212	
	0.7	6/0	1 x 75 cm	Blue	PP 5213	
2 x DR 10 	0.7	6/0	1 x 45 cm	Blue	PP 5215	
	0.5	7/0	1 x 60 cm	Blue	PP 5913	
	0.7	6/0	1 x 60 cm	Blue	PP 5915	
	0.7	6/0	1 x 75 cm	Blue	PP 5914	
DR 12 	0.7	6/0	1 x 75 cm	Blue	PP 5413	
	1.5	4/0	1 x 75 cm	Blue	PP 5415	

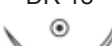


CHIRALEN monofilament

UK07
148



Non-absorbable - Chiralen monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
DR: 3/8 circle, round body needle						
2 x DR 12 	0.5	7/0	1 x 60 cm	Blue	PP 5227	
	0.7	6/0	1 x 60 cm	Blue	PP 5229	
	0.7	6/0	1 x 75 cm	Blue	PP 5224	
	1	5/0	1 x 75 cm	Blue	PP 5225	
DR 13 	0.7	6/0	1 x 75 cm	Blue	PP 5416	
2 x DR 13 	0.5	7/0	1 x 45 cm	Blue	PP 5404	
	0.7	6/0	1 x 60 cm	Blue	PP 5328	
	1	5/0	1 x 60 cm	Blue	PP 5403	
	0.7	6/0	1 x 75 cm	Blue	PP 5324	
	1	5/0	1 x 90 cm	Blue	PP 5331	
2 x DR 15 	1	5/0	1 x 75 cm	Blue	PP 5226	
DR 17 	1	5/0	1 x 75 cm	Blue	PP 5431	
DR 18 	1.5	4/0	1 x 90 cm	Blue	PP 5535	
2 x DR 18 	1	5/0	1 x 75 cm	Blue	PP 5923	
	1.5	4/0	1 x 75 cm	Blue	PP 5924	
	1.5	4/0	1 x 90 cm	Blue	PP 5928	
2 x DR 30 	2	3/0	1 x 75 cm	Blue	PP 5426	



CHIRALEN monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
DRT: 3/8 circle, round body needle - tapercut						
2 x DRT 10 	0.5	7/0	1 x 60 cm	Blue	PP 5298	
	0.7	6/0	1 x 75 cm	Blue	PP 5301	
2 x DRT 10 Black 	0.5	7/0	1 x 75 cm	Blue	PP 5902	Black needles
2 x DRT 11 	0.7	6/0	1 x 60 cm	Blue	PP 5296	
DRT 13 	0.7	6/0	1 x 75 cm	Blue	PP 5309	
	1	5/0	1 x 75 cm	Blue	PP 5310	
2 x DRT 13 	0.7	6/0	1 x 60 cm	Blue	PP 5911	
	0.7	6/0	1 x 75 cm	Blue	PP 5311	
	1	5/0	1 x 75 cm	Blue	PP 5312	
2 x DRT 17 	1	5/0	1 x 90 cm	Blue	PP 5314	
GR: Straight, round body needle						
GR 45 	3	2/0	1 x 45 cm	Blue	PP 5545	
2 x GR 60 	3	2/0	1 x 75 cm	Blue	PP 6245	
	3	2/0	1 x 100 cm	Blue	PP 5575	



CHIRALEN monofilament

UK07
150

Non-absorbable - Chiralen monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
HS: ½ circle, reverse cutting needle						
2 x HS 25 	3	2/0	1 x 90 cm	Blue	PP 6445	
HS 40 	3.5	0	1 x 75 cm	Blue	PP 6845	
HS 50 	3.5	0	1 x 75 cm	Blue	PP 6855	
	4	1	1 x 90 cm	Blue	PP 6955	
DS: 3/8 circle, reverse cutting needle						
DS 12 	0.7 1	6/0 5/0	1 x 45 cm 1 x 45 cm	Blue Blue	PP 5101 PP 5102	
DS 15 	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	PP 5105 PP 5106 PP 5107	
	1 1.5 2	5/0 4/0 3/0	1 x 75 cm 1 x 75 cm 1 x 75 cm	Blue Blue Blue	PP 4108 PP 4109 PP 4110	
DS 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	PP 5509 PP 5510 PP 5511	
	1 1.5 2 3 3.5	5/0 4/0 3/0 2/0 0	1 x 75 cm 1 x 75 cm 1 x 75 cm 1 x 75 cm 1 x 75 cm	Blue Blue Blue Blue Blue	PP 5109 PP 5110 PP 5111 PP 5112 PP 5113	
DS 24 	2	3/0	1 x 90 cm	Blue	PP 5519	
DS 25 	1.5 2 3	4/0 3/0 2/0	1 x 45 cm 1 x 45 cm 1 x 45 cm	Blue Blue Blue	PP 5515 PP 5516 PP 5517	
	1.5 2 3 3.5	4/0 3/0 2/0 0	1 x 75 cm 1 x 75 cm 1 x 75 cm 1 x 75 cm	Blue Blue Blue Blue	PP 5115 PP 5116 PP 5117 PP 5118	

CHIRALEN monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
DS: 3/8 circle, reverse cutting needle						
 DS 30	2	3/0	1 x 75 cm	Blue	PP 5120	
	3	2/0	1 x 75 cm	Blue	PP 5121	
	3.5	0	1 x 75 cm	Blue	PP 5122	
 DS 38	2	3/0	1 x 75 cm	Blue	PP 5130	
	3	2/0	1 x 75 cm	Blue	PP 5131	
	3.5	0	1 x 75 cm	Blue	PP 5132	
	4	1	1 x 75 cm	Blue	PP 5133	
 DS 40	3	2/0	1 x 100 cm	Blue	PP 5139	
DSC: 3/8 circle, conventional cutting needle						
 DSC 15	0.7	6/0	1 x 45 cm	Blue	PP 8105	
 DSC 26	1.5	4/0	1 x 45 cm	Blue	PP 8515	
	2	3/0	1 x 45 cm	Blue	PP 8516	
 DSC 90	4	1	1 x 100 cm	Blue	PP 8033	



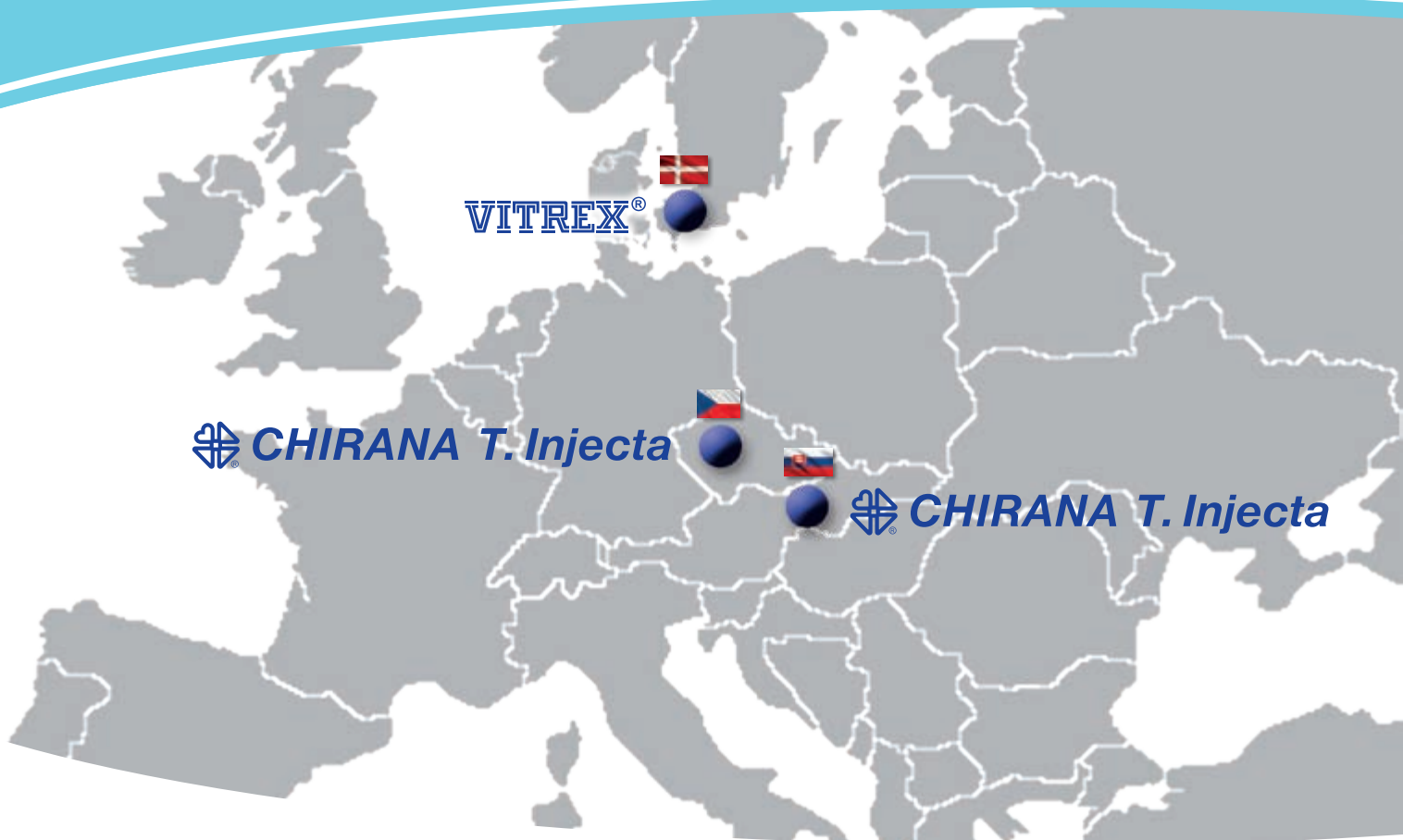
CHIRALEN monofilament

UK07
152



Non-absorbable - Chiralen monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
DSM: 3/8 circle, reverse cutting needle - micropoint						
 DSM 12	0.5	7/0	1 x 45 cm	Blue	PP 5000	Advanced cutting needle
	0.7	6/0	1 x 45 cm	Blue	PP 5001	
	1	5/0	1 x 45 cm	Blue	PP 5002	
	1.5	4/0	1 x 45 cm	Blue	PP 5003	
 DSM 15	0.7	6/0	1 x 45 cm	Blue	PP 5005	Advanced cutting needle
	1	5/0	1 x 45 cm	Blue	PP 5006	
	1.5	4/0	1 x 45 cm	Blue	PP 5007	
 DSM 19	1	5/0	1 x 45 cm	Blue	PP 5009	Advanced cutting needle
	1.5	4/0	1 x 45 cm	Blue	PP 5010	
	2	3/0	1 x 45 cm	Blue	PP 5011	
	3	2/0	1 x 45 cm	Blue	PP 5012	
	1.5	4/0	1 x 75 cm	Blue	PP 5014	
	2	3/0	1 x 75 cm	Blue	PP 5015	
 DSM 25	2	3/0	1 x 45 cm	Blue	PP 5023	Advanced cutting needle
	3	2/0	1 x 45 cm	Blue	PP 5024	
	3.5	0	1 x 45 cm	Blue	PP 5025	
	2	3/0	1 x 75 cm	Blue	PP 5027	
	3	2/0	1 x 75 cm	Blue	PP 5028	
GS: Straight, reverse cutting needle						
 GS 60	2	3/0	1 x 75 cm	Blue	PP 5140	
	3	2/0	1 x 75 cm	Blue	PP 5141	



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.





UK07
219

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.

**Komoranska 2148
143 00 Prague
Czech Republic**

www.cti-group.com