

## CHIRALEN monofilament

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

UK04  
142

Non-absorbable - Chiralen monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>HR: ½ circle, round body needle</b>						
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	
	0.7	6/0	1 x 45 cm	Blue	PP 5210	
	1	5/0	1 x 45 cm	Blue	PP 5211	
2 x HR 10 	1	5/0	1 x 60 cm	Blue	PP 6211	
	0.5	7/0	1 x 75 cm	Blue	PP 5209	
HR 13 	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	5/0	1 x 90 cm	Blue	PP 5248	
	1.5	4/0	1 x 90 cm	Blue	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
<b>HR: ½ circle, round body needle</b>						
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	
2 x HR 22 	1.5	4/0	1 x 90 cm	Blue	PP 5557	
	2	3/0	1 x 75 cm	Blue	PP 5249	
2 x HR 22 	3	2/0	1 x 75 cm	Blue	PP 5250	
	1.5	4/0	1 x 90 cm	Blue	PP 5246	
2 x HR 22 	2	3/0	1 x 75 cm	Blue	PP 5247	
	3	2/0	1 x 75 cm	Blue	PP 5248	
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	
HR 26 	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 x HR 26 	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



# CHIRALEN monofilament

UK04  
144

Non-absorbable - Chiralen monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>HR: ½ circle, round body needle</b>						
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	
	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	
<b>HR s: ½ circle, round body needle - slim</b>						
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
<b>HRX: ½ circle, round body needle - extra strong</b>						
HRX 37 	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	



# CHIRALEN monofilament











UK04  
146

Non-absorbable - Chiralen monofilament

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



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Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>HRT: ½ circle, round body needle - tapercut</b>						
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	
<b>DR: 3/8 circle, round body needle</b>						
2 x DR 8 	0.4	8/0	1 x 75 cm	Blue	PP 5282	
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	
	0.7	6/0	1 x 45 cm	Blue	PP 5215	
2 x DR 10 	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

UK04  
148









Non-absorbable - Chiralen monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>DR: 3/8 circle, round body needle</b>						
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	
DR 13 	0.7	6/0	1 x 75 cm	Blue	PP 5416	
	1	5/0	1 x 75 cm	Blue	PP 5224 PP 5225	
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	
2 x DR 15 	1	5/0	1 x 90 cm	Blue	PP 5331	
	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	
2 x DR 18 	1.5	4/0	1 x 90 cm	Blue	PP 5928	
	2	3/0	1 x 75 cm	Blue	PP 5426	
2 x DR 30 						













## CHIRALEN monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>DRT: 3/8 circle, round body needle - tapercut</b>						
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 1	6/0 5/0	1 x 75 cm 1 x 75 cm	Blue Blue	PP 5309 PP 5310	
2 x DRT 13 	0.7	6/0	1 x 60 cm	Blue	PP 5911	
	0.7 1	6/0 5/0	1 x 75 cm 1 x 75 cm	Blue Blue	PP 5311 PP 5312	
2 x DRT 17 	1	5/0	1 x 90 cm	Blue	PP 5314	
<b>GR: Straight, round body needle</b>						
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

UK04  
150

Non-absorbable - Chiralen monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>HS: ½ circle, reverse cutting needle</b>						
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	
<b>DS: 3/8 circle, reverse cutting needle</b>						
DS 12 	0.7	6/0	1 x 45 cm	Blue	PP 5101	
	1	5/0	1 x 45 cm	Blue	PP 5102	
DS 15 	0.7	6/0	1 x 45 cm	Blue	PP 5105	
	1	5/0	1 x 45 cm	Blue	PP 5106	
	1.5	4/0	1 x 45 cm	Blue	PP 5107	
	1	5/0	1 x 75 cm	Blue	PP 4108	
DS 19 	1.5	4/0	1 x 75 cm	Blue	PP 4109	
	2	3/0	1 x 75 cm	Blue	PP 4110	
	1	5/0	1 x 45 cm	Blue	PP 5509	
	1.5	4/0	1 x 45 cm	Blue	PP 5510	
	2	3/0	1 x 45 cm	Blue	PP 5511	
	1	5/0	1 x 75 cm	Blue	PP 5109	
DS 24 	1.5	4/0	1 x 75 cm	Blue	PP 5110	
	2	3/0	1 x 75 cm	Blue	PP 5111	
	3	2/0	1 x 75 cm	Blue	PP 5112	
DS 25 	3.5	0	1 x 75 cm	Blue	PP 5113	
	1.5	4/0	1 x 45 cm	Blue	PP 5515	
	2	3/0	1 x 45 cm	Blue	PP 5516	
	3	2/0	1 x 45 cm	Blue	PP 5517	
	1.5	4/0	1 x 75 cm	Blue	PP 5115	
	2	3/0	1 x 75 cm	Blue	PP 5116	
	3	2/0	1 x 75 cm	Blue	PP 5117	
	3.5	0	1 x 75 cm	Blue	PP 5118	

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

UK04  
152

Non-absorbable - Chiralen monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>DSM: 3/8 circle, reverse cutting needle - micropoint</b>						
 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	
	<b>DSMC: 3/8 circle, conventional cutting needle - micropoint</b>					
 DSMC 16	0.7	6/0	1 x 45 cm	Blue	PP 8005	
<b>GS: Straight, reverse cutting needle</b>						
 GS 60	2	3/0	1 x 75 cm	Blue	PP 5140	
	3	2/0	1 x 75 cm	Blue	PP 5141	