

## CHIRASORB braided

CHIRASORB braided is a mid-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 braided is available in violet or natural. The product elicits a minimal acute inflammatory reaction in tissues.

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



**Indication:** General soft tissue approximation and/or ligation in all specialties, including use in Ophthalmic surgery.

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

**Sizes:** 10/0 to 6 USP

**Structure:** Multifilament

**Absorption method:** Hydrolysis

### Strength Retention

**Profile:** MID-TERM HEALING (35 days)

1 Day 100%

14 Days 75%

21 Days 50%

### Mass Absorption

**profile:** 56 - 70 days

# CHIRASORB braided violet ligatures

UK04  
66

## Pre-cut threads

EP	USP	Length	Cat. No
1	5/0	3 x 45 cm	LV 0012
1.5	4/0	3 x 45 cm	LV 0013
2	3/0	3 x 45 cm	LV 0014
3	2/0	3 x 45 cm	LV 0015
3.5	0	3 x 45 cm	LV 0016
4	1	3 x 45 cm	LV 0017
5	2	3 x 45 cm	LV 0018
1	5/0	<b>6 x 45 cm</b>	LV 0042
1.5	4/0	6 x 45 cm	LV 0043
2	3/0	6 x 45 cm	LV 0044
3	2/0	6 x 45 cm	LV 0045
3.5	0	6 x 45 cm	LV 0046
4	1	6 x 45 cm	LV 0047
5	2	6 x 45 cm	LV 0048
2	3/0	<b>10 x 45 cm</b>	LV 0064
3	2/0	10 x 45 cm	LV 0065
3.5	0	10 x 45 cm	LV 0066
4	1	10 x 45 cm	LV 0067
5	2	10 x 45 cm	LV 0068
3	2/0	<b>12 x 45 cm</b>	LV 4565
5	2	12 x 45 cm	LV 4568
1	5/0	<b>2 x 75 cm</b>	LV 0022
1.5	4/0	2 x 75 cm	LV 0023
2	3/0	2 x 75 cm	LV 0024
3	2/0	2 x 75 cm	LV 0025
3.5	0	2 x 75 cm	LV 0026
4	1	2 x 75 cm	LV 0027
5	2	2 x 75 cm	LV 0028
1.5	4/0	<b>5 x 75 cm</b>	LV 0053
2	3/0	5 x 75 cm	LV 0054
3	2/0	5 x 75 cm	LV 0055









## Pre-cut threads

EP	USP	Length	Cat. No
3.5	0	5 x 75 cm	LV 0056
4	1	5 x 75 cm	LV 0057
5	2	5 x 75 cm	LV 0058
2	3/0	<b>6 x 75 cm</b>	LV 0059
3	2/0	6 x 75 cm	LV 0051
3.5	0	6 x 75 cm	LV 0060
4	1	6 x 75 cm	LV 4557
1.5	4/0	<b>1 x 150 cm</b>	LV 0083
2	3/0	1 x 150 cm	LV 0084
3	2/0	1 x 150 cm	LV 0085
3.5	0	1 x 150 cm	LV 0089
4	1	1 x 150 cm	LV 0087
5	2	1 x 150 cm	LV 0090

## Chirapack - 20 pcs./box

EP	USP	Length	Cat. No
2	3/0	1 x 250 cm	LV 1004
3	2/0	1 x 250 cm	LV 1005
3.5	0	1 x 250 cm	LV 1006
4	1	1 x 250 cm	LV 1007
5	2	1 x 250 cm	LV 1008
1.5	4/0	<b>1 x 300 cm</b>	LV 0003
2	3/0	1 x 300 cm	LV 0004
3	2/0	1 x 300 cm	LV 0005
3.5	0	1 x 300 cm	LV 0006
4	1	1 x 300 cm	LV 0007
5	2	1 x 300 cm	LV 0008
6	3 + 4	1 x 300 cm	LV 0009







## CHIRASORB braided

Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>HR: ½ circle, round body needle</b>						
HR 10 	0.7	6/0	1 x 45 cm	Violet	LV 0246	
	1	5/0	1 x 75 cm	Violet	LV 0248	
HR 13 	0.7	6/0	1 x 45 cm	Violet	LV 0251	
	1	5/0	1 x 45 cm	Violet	LV 0252	
	1.5	4/0	1 x 45 cm	Violet	LV 0253	
	2	3/0	1 x 45 cm	Violet	LV 0250	
	0.7	6/0	1 x 75 cm	Violet	LV 1251	
	1	5/0	1 x 75 cm	Violet	LV 0254	
	1.5	4/0	1 x 75 cm	Violet	LV 0255	
HR 16 	1	5/0	1 x 75 cm	Violet	LV 3265	
HR 18 	1.5	4/0	1 x 45 cm	Violet	LV 0258	
	2	3/0	1 x 45 cm	Violet	LV 0259	
HR 20 	0.7	6/0	1 x 75 cm	Violet	LV 0241	
	1	5/0	1 x 75 cm	Violet	LV 0242	
	1.5	4/0	1 x 75 cm	Violet	LV 0256	
	2	3/0	1 x 75 cm	Violet	LV 0257	
	3	2/0	1 x 75 cm	Violet	LV 0260	
	1.5	4/0	1 x 75 cm	Violet	LV 1261	
	2	3/0	1 x 75 cm	Violet	LV 1259	
	1.5	4/0	6 x 45 cm	Violet	LV 0526	
	2	3/0	6 x 45 cm	Violet	LV 0527	
	1.5	4/0	1 x 75 cm	Violet	LV 0261	
HR 22 	2	3/0	1 x 75 cm	Violet	LV 0262	
	3	2/0	1 x 75 cm	Violet	LV 0263	
	2	3/0	4 x 75 cm	Violet	LV 0322	
	3	2/0	4 x 75 cm	Violet	LV 0323	
	2	3/0	1 x 120 cm	Violet	LV 0363	





# CHIRASORB braided

UK04  
68

Absorbable - Chirasorb braided

Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>HR: ½ circle, round body needle</b>						
HR 22 A 	2	3/0	6 x 45 cm	Violet	LV 0327	Take-off needle
HR 25 	5	2	1 x 75 cm	Violet	LV 0297	
HR 26 	3	2/0	1 x 45 cm	Violet	LV 0136	
	2	3/0	1 x 75 cm	Violet	LV 0535	
	3	2/0	1 x 75 cm	Violet	LV 0536	
	3.5	0	1 x 75 cm	Violet	LV 0540	
HR 26 A 	2	3/0	6 x 45 cm	Violet	LV 0347	Take-off needle
	1.5	4/0	1 x 45 cm	Violet	LV 0245	
	2 3	3/0 2/0	6 x 45 cm 6 x 45 cm	Violet Violet	LV 0537 LV 0538	
HR 27 	1.5	4/0	1 x 75 cm	Violet	LV 0265	
	2	3/0	1 x 75 cm	Violet	LV 0266	
	3	2/0	1 x 75 cm	Violet	LV 0267	
	3.5	0	1 x 75 cm	Violet	LV 0268	
	4	1	1 x 75 cm	Violet	LV 1269	
	2	3/0	1 x 90 cm	Violet	LV 0366	
	3	2/0	1 x 90 cm	Violet	LV 0367	
HR 27 A 	3	2/0	6 x 45 cm	Violet	LV 0338	Take-off needle
	2	3/0	4 x 75 cm	Violet	LV 0639	Take-off needle

## CHIRASORB braided





Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>HR: ½ circle, round body needle</b>						
2 x HR 27 	2	3/0	1 x 90 cm	Violet	LV 2466	
	3	2/0	1 x 90 cm	Violet	LV 2467	
	2	3/0	1 x 45 cm	Violet	LV 0169	
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HR 30 	2	3/0	1 x 75 cm	Violet	LV 0269	
	3	2/0	1 x 75 cm	Violet	LV 0273	
	3.5	0	1 x 75 cm	Violet	LV 0274	
	4	1	1 x 75 cm	Violet	LV 1275	
	2	3/0	1 x 90 cm	Violet	LV 0369	
	3	2/0	1 x 90 cm	Violet	LV 0364	
	3.5	0	1 x 90 cm	Violet	LV 0371	
	4	1	1 x 90 cm	Violet	LV 0372	
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	2	3/0	1 x 75 cm	Violet	LV 0270	
	3	2/0	1 x 75 cm	Violet	LV 0271	
	3.5	0	1 x 75 cm	Violet	LV 0272	
HR 35 	4	1	1 x 75 cm	Violet	LV 1273	
	5	2	1 x 75 cm	Violet	LV 1272	
	2	3/0	1 x 90 cm	Violet	LV 0373	
	3	2/0	1 x 90 cm	Violet	LV 0374	
	3.5	0	1 x 90 cm	Violet	LV 0375	
	4	1	1 x 90 cm	Violet	LV 0376	
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	HR 37 	3.5	0	1 x 75 cm	Violet	LV 0579
4		1	1 x 75 cm	Violet	LV 0379	
	3.5	0	1 x 90 cm	Violet	LV 0378	



# CHIRASORB braided

UK04  
70

Absorbable - Chirasorb braided





Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>HR: ½ circle, round body needle</b>						
	4	1	1 x 45 cm	Violet	LV 0177	
	5	2	5 x 45 cm	Violet	LV 2250	
 <p>HR 40</p>	3	2/0	1 x 75 cm	Violet	LV 0275	
	3.5	0	1 x 75 cm	Violet	LV 0276	
	4	1	1 x 75 cm	Violet	LV 0277	
	3	2/0	1 x 90 cm	Violet	LV 1475	
	3.5	0	1 x 90 cm	Violet	LV 1476	
	4	1	1 x 90 cm	Violet	LV 1477	
	5	2	1 x 90 cm	Violet	LV 1478	
	3	2/0	1 x 120 cm	Violet	LV 1479	
 <p>HR 43</p>	5	2	1 x 75 cm	Violet	LV 0479	
 <p>HR 48</p>	4	1	1 x 75 cm	Violet	LV 1396	
	5	2	1 x 75 cm	Violet	LV 1400	
	3.5	0	1 x 75 cm	Violet	LV 1402	
	3.5	0	1 x 90 cm	Violet	LV 1403	
	4	1	1 x 90 cm	Violet	LV 1401	
	5	2	1 x 90 cm	Violet	LV 1399	
 <p>HR 48 A</p>	4	1	4 x 45 cm	Violet	LV 0793	Take-off needle

## CHIRASORB braided


Needle	EP	USP	Length	Colour	Cat. No	Other information
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UK04  
71

### HR: ½ circle, round body needle






 <p>HR 50</p>	5	2	5 x 45 cm	Violet	LV 1201	
	3.5	0	1 x 90 cm	Violet	LV 1392	
 <p>HR 60</p>	3	2/0	1 x 75 cm	Violet	LV 0278	
	3.5	0	1 x 75 cm	Violet	LV 0279	
 <p>HR 65</p>	3	2/0	1 x 75 cm	Violet	LV 1283	
	4	1	1 x 75 cm	Violet	LV 1285	
	5	2	1 x 75 cm	Violet	LV 1286	
	5	2	1 x 150 cm	Violet	LV 1287	
 <p>HR 75</p>	5	2	1 x 75 cm	Violet	LV 0496	

### HR s: ½ circle, round body needle - slim

 <p>HR s 18</p>	1.5	4/0	1 x 75 cm	Violet	LV 1256	Slim needle
 <p>HR s 27 Black</p>	3	2/0	1 x 75 cm	Violet	LV 2267	Slim, black needle

## CHIRASORB braided

UK04  
72

Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>HRX: ½ circle, round body needle - extra strong</b>						
HRX 22 	2	3/0	1 x 75 cm	Violet	LV 0420	
HRX 26 	2 3	3/0 2/0	1 x 75 cm 1 x 75 cm	Violet Violet	LV 0419 LV 0417	
HRX 27 	2 3 4	3/0 2/0 1	1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet	LV 0429 LV 0430 LV 0432	
HRX 30 	2	3/0	1 x 75 cm	Violet	LV 0426	
HRX 35 	3 4	2/0 1	1 x 75 cm 1 x 75 cm	Violet Violet	LV 0280 LV 0282	
	3.5	0	1 x 90 cm	Violet	LV 0381	





Absorbable - Chirasorb braided



Chirasorb












## CHIRASORB braided

Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>HRX: ½ circle, round body needle - extra strong</b>						
 <p>HRX 36</p>	3.5	0	1 x 75 cm	Violet	LV 1281	
	4	1	1 x 75 cm	Violet	LV 1282	
	3	2/0	1 x 90 cm	Violet	LV 1380	
 <p>HRX 40</p>	3.5	0	1 x 75 cm	Violet	LV 0285	
	4	1	1 x 75 cm	Violet	LV 0286	
	3.5	0	1 x 90 cm	Violet	LV 0385	
	4	1	1 x 90 cm	Violet	LV 0386	
	5	2	1 x 90 cm	Violet	LV 0387	
	3.5	0	1 x 150 cm	Violet	LV 4035	Loop
	4	1	1 x 150 cm	Violet	LV 4040	Loop
 <p>HRX 45</p>	4	1	1 x 90 cm	Violet	LV 0390	
	5	2	1 x 90 cm	Violet	LV 0391	
 <p>HRX 50</p>	3.5	0	1 x 75 cm	Violet	LV 0294	
	4	1	1 x 75 cm	Violet	LV 0295	
	5	2	1 x 75 cm	Violet	LV 0296	
	4	1	1 x 90 cm	Violet	LV 0395	
	5	2	1 x 90 cm	Violet	LV 0396	
	5	2	1 x 110 cm	Violet	LV 0393	

# CHIRASORB braided

UK04  
74

Absorbable - Chirasorb braided

Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>HRT: ½ circle, round body needle - tapercut</b>						
 HRT 17	1.5	4/0	1 x 45 cm	Violet	LV 0566	
	1.5 2	4/0 3/0	1 x 75 cm 1 x 75 cm	Violet Violet	LV 0561 LV 0562	
 HRT 20	1	5/0	1 x 45 cm	Violet	LV 0568	
 HRT 22	2	3/0	1 x 75 cm	Violet	LV 0572	
 HRT 25	2	3/0	1 x 75 cm	Violet	LV 0581	
 HRT 31	3	2/0	1 x 75 cm	Violet	LV 0606	
 HRT 37	3 3.5	2/0 0	1 x 75 cm 1 x 75 cm	Violet Violet	LV 0592 LV 0593	
	3 3.5 4	2/0 0 1	1 x 90 cm 1 x 90 cm 1 x 90 cm	Violet Violet Violet	LV 0597 LV 0598 LV 0599	
 HRT 40	3.5	0	1 x 75 cm	Violet	LV 0653	
 HRT 45	5	2	1 x 75 cm	Violet	LV 0665	
<b>HRN: ½ circle, round body needle - blunt point</b>						
 HRN 50	4	1	1 x 90 cm	Violet	LV 0686	
	5	2	1 x 90 cm	Violet	LV 0675	

## CHIRASORB braided

Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>HRF: ½ circle, flattened body needle, taper point</b>						
HRF 17	1 1.5	5/0 4/0	1 x 75 cm 1 x 75 cm	Violet Violet	LV 9242 LV 9256	
HRF 20	1.5	4/0	1 x 75 cm	Violet	LV 9261	
HRF 26	2 3	3/0 2/0	1 x 75 cm 1 x 75 cm	Violet Violet	LV 9266 LV 9267	
HRF 31	3	2/0	1 x 75 cm	Violet	LV 9273	
<b>DR: 3/8 circle, round body needle</b>						
DR 15	1.5	4/0	1 x 75 cm	Violet	LV 0724	
DR 21	3	2/0	1 x 75 cm	Violet	LV 0744	
DR 30	2	3/0	1 x 75 cm	Violet	LV 0746	
<b>DRN: 3/8 circle, round body needle - blunt point</b>						
DRN 60	4	1	1 x 100 cm	Violet	LV 0699	









# CHIRASORB braided












UK04  
76



Absorbable - Chirasorb braided

Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>FR: 5/8 circle, round body needle</b>						
FR 27 	2 3 3.5	3/0 2/0 0	1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet	LV 0609 LV 0610 LV 0611	
<b>GR: Straight, round body needle</b>						
GR 20 	1.5 3	4/0 2/0	1 x 75 cm 1 x 90 cm	Violet Violet	LV 0402 LV 0399	
<b>KR: Ski, round body needle</b>						
KR 25 	3	2/0	1 x 20 cm	Violet	LV 2736	
KR 27 	2 4	3/0 1	1 x 40 cm 1 x 120 cm	Violet Violet	LV 4630 LV 2390	Loop
<b>JRT: Hook shaped, round body needle - tapercut</b>						
JRT 30 	4	1	1 x 75 cm	Violet	LV 0694	
<b>J-RX: Hook shaped, round body needle</b>						
J-RX 30 	3	2/0	1 x 75 cm	Violet	LV 1387	











## CHIRASORB braided

Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>HS: ½ circle, reverse cutting needle</b>						
HS 18 	2	3/0	1 x 75 cm	Violet	LV 0424	
	3	2/0	1 x 75 cm	Violet	LV 0425	
HS 21 	1,5	4/0	1 x 75 cm	Violet	LV 0300	
	2	3/0	1 x 75 cm	Violet	LV 0301	
HS 25 	2	3/0	1 x 75 cm	Violet	LV 0441	
	3	2/0	1 x 75 cm	Violet	LV 0442	
	3,5	0	1 x 75 cm	Violet	LV 0443	
HS 26 	3,5	0	1 x 75 cm	Violet	LV 1455	
HS 30 	3	2/0	1 x 75 cm	Violet	LV 0445	
	3,5	0	1 x 75 cm	Violet	LV 0446	
	4	1	1 x 75 cm	Violet	LV 0447	
HS 36 	3	2/0	1 x 75 cm	Violet	LV 0350	
	3,5	0	1 x 75 cm	Violet	LV 0351	
HS 37 	3,5	0	1 x 75 cm	Violet	LV 1451	
	4	1	1 x 75 cm	Violet	LV 1452	
HS 40 	3	2/0	1 x 75 cm	Violet	LV 0455	
	3,5	0	1 x 75 cm	Violet	LV 0456	
	4	1	1 x 75 cm	Violet	LV 0457	
HS 48 	5	2	1 x 75 cm	Violet	LV 0458	
	3,5	0	1 x 90 cm	Violet	LV 0460	
HS 48 	4	1	1 x 90 cm	Violet	LV 0461	
	5	2	1 x 90 cm	Violet	LV 0466	
HS 48 	4	1	1 x 90 cm	Violet	LV 0469	
	5	2	1 x 90 cm	Violet	LV 0470	





# CHIRASORB braided

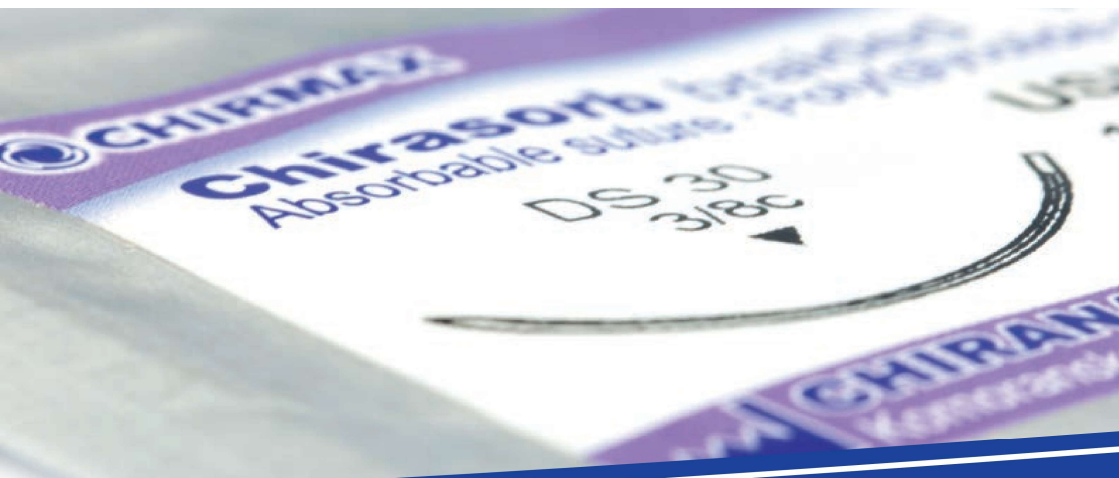
UK04  
78

Absorbable - Chirasorb braided

Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>HSX: ½ circle, reverse cutting needle - extra strong</b>						
HSX 26 	4 5	1 2	1 x 75 cm 1 x 75 cm	Violet Violet	LV 1456 LV 1454	
HSX 48 	3.5	0	1 x 90 cm	Violet	LV 0464	
<b>DS: 3/8 circle, reverse cutting needle</b>						
DS 11 	0.5	7/0	1 x 45 cm	Violet	LV 0193	
DS 12 	0.7 1 1.5	6/0 5/0 4/0	1 x 45 cm 1 x 45 cm 1 x 45 cm	Violet Violet Violet	LV 0201 LV 0202 LV 0203	
2 x DS 12 	1.5	4/0	1 x 45 cm	Violet	LV 1210	
DS 15 	0.7 1 1.5 2	6/0 5/0 4/0 3/0	1 x 45 cm 1 x 45 cm 1 x 45 cm 1 x 45 cm	Violet Violet Violet Violet	LV 0200 LV 0205 LV 0206 LV 0207	
	1.5	4/0	1 x 75 cm	Violet	LV 0209	
DS 19 	1 1.5 2	5/0 4/0 3/0	1 x 45 cm 1 x 45 cm 1 x 45 cm	Violet Violet Violet	LV 0214 LV 0215 LV 0216	
	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	LV 0211 LV 0212 LV 0213	
DS 24 	2	3/0	1 x 75 cm	Violet	LV 1225	
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	LV 0222 LV 0223 LV 0224	
	2 3	3/0 2/0	1 x 90 cm 1 x 90 cm	Violet Violet	LV 2223 LV 2224	
DS 26 	2	3/0	1 x 45 cm	Violet	LV 1221	

## CHIRASORB braided

Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>DS: 3/8 circle, reverse cutting needle</b>						
 DS 30	3	2/0	1 x 75 cm	Violet	LV 0234	
	3.5	0	1 x 75 cm	Violet	LV 0235	
	3	2/0	1 x 90 cm	Violet	LV 1239	
	3.5	0	1 x 90 cm	Violet	LV 1235	
	4	1	1 x 90 cm	Violet	LV 1236	
<b>DSC: 3/8 circle, conventional cutting needle</b>						
 DSC 16	1.5	4/0	1 x 75 cm	Violet	LV 8208	
<b>GS: Straight, reverse cutting needle</b>						
 GS 13	1.5	4/0	1 x 45 cm	Violet	LV 1198	
<b>Minimal invasive surgery</b>						
	3	2/0	1 x 50 cm	Violet	MS 0143	Loop
	3.5	0	1 x 50 cm	Violet	MS 0144	Loop
 KR 27	4	1	1 x 120 cm	Violet	MS 1125	Loop



# CHIRASORB braided natural ligatures

UK04  
80

Pre-cut threads






EP	USP	Length	Cat. No
1	5/0	3 x 45 cm	LN 0012
1.5	4/0	3 x 45 cm	LN 0013
2	3/0	3 x 45 cm	LN 0014
3	2/0	3 x 45 cm	LN 0015
3.5	0	3 x 45 cm	LN 0016
2	3/0	<b>10 x 45 cm</b>	LN 0064
3	2/0	10 x 45 cm	LN 0065
1.5	4/0	<b>2 x 75 cm</b>	LN 0023
2	3/0	2 x 75 cm	LN 0024
3	2/0	2 x 75 cm	LN 0025

Chirapack - 20 pcs./box

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









Absorbable - Chirasorb braided

## CHIRASORB 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	LN 0252	
	1.5	4/0	1 x 45 cm	Natural	LN 0253	
	1.5	4/0	1 x 75 cm	Natural	LN 0153	
 HR 18	1.5	4/0	1 x 75 cm	Natural	LN 0256	
	2	3/0	1 x 75 cm	Natural	LN 0257	
 HR 22	2	3/0	1 x 75 cm	Natural	LN 0262	
	3	2/0	1 x 75 cm	Natural	LN 0263	
 HR 27	2	3/0	1 x 75 cm	Natural	LN 0266	
 HR 30	3.5	0	1 x 75 cm	Natural	LN 0274	







## CHIRASORB braided

Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>HRT: ½ circle, round body needle - tapercut</b>						
HRT 17 	1.5 2	4/0 3/0	1 x 75 cm 1 x 75 cm	Natural Natural	LN 0561 LN 0562	
HRT 22 	2	3/0	1 x 75 cm	Natural	LN 0572	
<b>DS: 3/8 circle, reverse cutting needle</b>						
DS 12 	0.7 1	6/0 5/0	1 x 45 cm 1 x 45 cm	Natural Natural	LN 1201 LN 1202	
DS 15 	1.5 2	4/0 3/0	1 x 45 cm 1 x 45 cm	Natural Natural	LN 1206 LN 1207	
DS 16 	1	5/0	1 x 45 cm	Natural	LN 1208	
DS 19 	1 1.5 2	5/0 4/0 3/0	1 x 45 cm 1 x 45 cm 1 x 45 cm	Natural Natural Natural	LN 1215 LN 1216 LN 1217	
	1.5 2 3	4/0 3/0 2/0	1 x 75 cm 1 x 75 cm 1 x 75 cm	Natural Natural Natural	LN 1211 LN 1212 LN 1213	
DS 25 	2	3/0	1 x 45 cm	Natural	LN 1332	
	1.5 2 3	4/0 3/0 2/0	1 x 75 cm 1 x 75 cm 1 x 75 cm	Natural Natural Natural	LN 1231 LN 1232 LN 1233	
DS 30 	3 3.5	2/0 0	1 x 75 cm 1 x 75 cm	Natural Natural	LN 1243 LN 1244	



## CHIRASORB braided

UK04  
82

Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>DSM: 3/8 circle, reverse cutting needle - micropoint</b>						
 DSM 12	0.7	6/0	1 x 45 cm	Natural	LN 0201	Advanced cutting needle
	1	5/0	1 x 45 cm	Natural	LN 0202	
	1.5	4/0	1 x 45 cm	Natural	LN 0203	
 DSM 15	1	5/0	1 x 45 cm	Natural	LN 0206	Advanced cutting needle
	1.5	4/0	1 x 45 cm	Natural	LN 0207	
	2	3/0	1 x 45 cm	Natural	LN 0208	
 DSM 19	1.5	4/0	1 x 45 cm	Natural	LN 0216	Advanced cutting needle
	1.5	4/0	1 x 75 cm	Natural	LN 0212	
	2	3/0	1 x 75 cm	Natural	LN 0213	
 DSM 25	2	3/0	1 x 75 cm	Natural	LN 0223	Advanced cutting needle
	3	2/0	1 x 75 cm	Natural	LN 0224	