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



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	**6 x 45 cm**	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	**10 x 45 cm**	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	**12 x 45 cm**	LV 4565
5	2	12 x 45 cm	LV 4568
1	5/0	**2 x 75 cm**	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	**5 x 75 cm**	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	**6 x 75 cm**	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	**1 x 150 cm**	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	**1 x 300 cm**	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
HR: ½ circle, round body needle						
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 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 0251 LV 0252 LV 0253 LV 0250	
	0.7 1 1.5	6/0 5/0 4/0	1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet	LV 1251 LV 0254 LV 0255	
HR 16 	1	5/0	1 x 75 cm	Violet	LV 3265	
HR 18 	1.5 2	4/0 3/0	1 x 45 cm 1 x 45 cm	Violet Violet	LV 0258 LV 0259	
	0.7 1 1.5 2 3	6/0 5/0 4/0 3/0 2/0	1 x 75 cm 1 x 75 cm 1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet Violet Violet	LV 0241 LV 0242 LV 0256 LV 0257 LV 0260	
HR 20 	1.5 2	4/0 3/0	1 x 75 cm 1 x 75 cm	Violet Violet	LV 1261 LV 1259	
HR 22 	1.5 2 3	4/0 3/0 2/0	6 x 45 cm 6 x 45 cm	Violet Violet	LV 0526 LV 0527	
	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 0261 LV 0262 LV 0263	
	2 3	3/0 2/0	4 x 75 cm 4 x 75 cm	Violet Violet	LV 0322 LV 0323	
	2	3/0	1 x 120 cm	Violet	LV 0363	

CHIRASORB braided

Needle	EP	USP	Length	Colour	Cat. No	Other information
HR: ½ circle, round body needle						
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 3.5	3/0 2/0 0	1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet	LV 0535 LV 0536 LV 0540	
HR 26 A 	2	3/0	6 x 45 cm	Violet	LV 0347	Take-off needle
HR 27 	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	
	1.5 2 3 3.5 4	4/0 3/0 2/0 0 1	1 x 75 cm 1 x 75 cm 1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet Violet Violet	LV 0265 LV 0266 LV 0267 LV 0268 LV 1269	
	2 3	3/0 2/0	1 x 90 cm 1 x 90 cm	Violet Violet	LV 0366 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
HR: ½ circle, round body needle						
2 x HR 27 	2 3	3/0 2/0	1 x 90 cm 1 x 90 cm	Violet Violet	LV 2466 LV 2467	
	2	3/0	1 x 45 cm	Violet	LV 0169	
HR 30 	2 3 3.5 4	3/0 2/0 0 1	1 x 75 cm 1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet Violet	LV 0269 LV 0273 LV 0274 LV 1275	
	2 3 3.5 4	3/0 2/0 0 1	1 x 90 cm 1 x 90 cm 1 x 90 cm 1 x 90 cm	Violet Violet Violet Violet	LV 0369 LV 0364 LV 0371 LV 0372	
HR 35 	2 3 3.5 4 5	3/0 2/0 0 1 2	1 x 75 cm 1 x 75 cm 1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet Violet Violet	LV 0270 LV 0271 LV 0272 LV 1273 LV 1272	
	2 3 3.5 4	3/0 2/0 0 1	1 x 90 cm 1 x 90 cm 1 x 90 cm 1 x 90 cm	Violet Violet Violet Violet	LV 0373 LV 0374 LV 0375 LV 0376	
HR 37 	3.5 4	0 1	1 x 75 cm 1 x 75 cm	Violet Violet	LV 0579 LV 0379	
	3.5	0	1 x 90 cm	Violet	LV 0378	

CHIRASORB braided

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

CHIRASORB braided

Needle	EP	USP	Length	Colour	Cat. No	Other information
HR: ½ circle, round body needle						
HR 50 	5	2	5 x 45 cm	Violet	LV 1201	
	3.5	0	1 x 90 cm	Violet	LV 1392	
HR 60 	3 3.5	2/0 0	1 x 75 cm 1 x 75 cm	Violet Violet	LV 0278 LV 0279	
HR 65 	3 4 5	2/0 1 2	1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet	LV 1283 LV 1285 LV 1286	
	5	2	1 x 150 cm	Violet	LV 1287	
HR 75 	5	2	1 x 75 cm	Violet	LV 0496	
HR s: ½ circle, round body needle - slim						
HR s 18 	1.5	4/0	1 x 75 cm	Violet	LV 1256	Slim needle
HR s 27 Black 	3	2/0	1 x 75 cm	Violet	LV 2267	Slim, black needle

CHIRASORB braided

Needle	EP	USP	Length	Colour	Cat. No	Other information
HRX: ½ circle, round body needle - extra strong						
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	



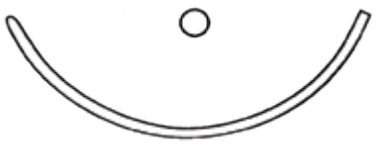
CHIRASORB braided

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

CHIRASORB braided

Needle	EP	USP	Length	Colour	Cat. No	Other information
HRT: ½ circle, round body needle - tapercut						
HRT 17 	1.5	4/0	1 x 45 cm	Violet	LV 0566	
	1.5	4/0	1 x 75 cm	Violet	LV 0561	
	2	3/0	1 x 75 cm	Violet	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	2/0	1 x 75 cm	Violet	LV 0592	
	3.5	0	1 x 75 cm	Violet	LV 0593	
	3	2/0	1 x 90 cm	Violet	LV 0597	
	3.5	0	1 x 90 cm	Violet	LV 0598	
	4	1	1 x 90 cm	Violet	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	
HRN: ½ circle, round body needle - blunt point						
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
HRF: ½ circle, flattened body needle, taper point						
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	
DR: 3/8 circle, round body needle						
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	
DRN: 3/8 circle, round body needle - blunt point						
DRN 60 	4	1	1 x 100 cm	Violet	LV 0699	

CHIRASORB braided

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

CHIRASORB braided

Needle	EP	USP	Length	Colour	Cat. No	Other information
HS: ½ circle, reverse cutting needle						
HS 18 	2 3	3/0 2/0	1 x 75 cm 1 x 75 cm	Violet Violet	LV 0424 LV 0425	
HS 21 	1.5 2	4/0 3/0	1 x 75 cm 1 x 75 cm	Violet Violet	LV 0300 LV 0301	
HS 25 	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 0441 LV 0442 LV 0443	
HS 26 	3.5	0	1 x 75 cm	Violet	LV 1455	
HS 30 	3 3.5 4	2/0 0 1	1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet	LV 0445 LV 0446 LV 0447	
HS 36 	3 3.5	2/0 0	1 x 75 cm 1 x 75 cm	Violet Violet	LV 0350 LV 0351	
HS 37 	3.5 4	0 1	1 x 75 cm 1 x 75 cm	Violet Violet	LV 1451 LV 1452	
	5	2	1 x 90 cm	Violet	LV 0453	
HS 40 	3 3.5 4 5	2/0 0 1 2	1 x 75 cm 1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet Violet	LV 0455 LV 0456 LV 0457 LV 0458	
	3.5 4	0 1	1 x 90 cm 1 x 90 cm	Violet Violet	LV 0460 LV 0461	
HS 48 	3.5	0	1 x 75 cm	Violet	LV 0466	
	4 5	1 2	1 x 90 cm 1 x 90 cm	Violet Violet	LV 0469 LV 0470	

CHIRASORB braided

Needle	EP	USP	Length	Colour	Cat. No	Other information
HSX: ½ circle, reverse cutting needle - extra strong						
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	
DS: 3/8 circle, reverse cutting needle						
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
DS: 3/8 circle, reverse cutting needle						
DS 30 	3 3.5	2/0 0	1 x 75 cm 1 x 75 cm	Violet Violet	LV 0234 LV 0235	
	3 3.5 4	2/0 0 1	1 x 90 cm 1 x 90 cm 1 x 90 cm	Violet Violet Violet	LV 1239 LV 1235 LV 1236	
DSC: 3/8 circle, conventional cutting needle						
DSC 16 	1.5	4/0	1 x 75 cm	Violet	LV 8208	
GS: Straight, reverse cutting needle						
GS 13 	1.5	4/0	1 x 45 cm	Violet	LV 1198	
Minimal invasive surgery						
	3 3.5	2/0 0	1 x 50 cm 1 x 50 cm	Violet Violet	MS 0143 MS 0144	Loop Loop
KR 27 	4	1	1 x 120 cm	Violet	MS 1125	Loop



CHIRASORB braided natural ligatures

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	**10 x 45 cm**	LN 0064
3	2/0	10 x 45 cm	LN 0065
1.5	4/0	**2 x 75 cm**	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

CHIRASORB braided

Needle	EP	USP	Length	Colour	Cat. No	Other information
HR: ½ circle, round body needle						
HR 13 	1 1.5	5/0 4/0	1 x 45 cm 1 x 45 cm	Natural Natural	LN 0252 LN 0253	
	1.5	4/0	1 x 75 cm	Natural	LN 0153	
HR 18 	1.5 2	4/0 3/0	1 x 75 cm 1 x 75 cm	Natural Natural	LN 0256 LN 0257	
HR 22 	2 3	3/0 2/0	1 x 75 cm 1 x 75 cm	Natural Natural	LN 0262 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
HRT: ½ circle, round body needle - tapercut						
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	
DS: 3/8 circle, reverse cutting needle						
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 1.5 2 3	5/0 4/0 3/0 2/0	1 x 75 cm 1 x 75 cm 1 x 75 cm 1 x 75 cm	Natural Natural Natural Natural	LN 1220 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

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