

# HIKO P

Technical *specifications*



**PIVIUK** BEYOND  
THE GLIDE

# TECHNICAL SPECIFICATIONS

			20	22	24	26	28
<b>CELLS</b>	NUMBER		55	55	55	55	55
<b>ASPECT RATIO</b>	FLAT		5,5	5,5	5,5	5,5	5,5
	PROJECTED		4,18	4,18	4,18	4,18	4,18
<b>AREA</b>	FLAT	m <sup>2</sup>	20,5	21,8	23,8	25,8	27,8
	PROJECTED	m <sup>2</sup>	17,51	18,62	20,33	22,04	23,75
<b>SPAN</b>	FLAT	m	10,62	10,95	11,44	11,91	12,37
<b>CHORD</b>	MAX	m	2,38	2,45	2,56	2,66	2,77
<b>LINES</b>	TOTAL	m	220	227	238	248	258
	MAIN		2-1/3/2	2-1/3/2	2-1/3/2	2-1/3/2	2-1/3/2
<b>RISERS</b>	NUMBER		A-A'/B/C	A-A'/B/C	A-A'/B/C	A-A'/B/C	A-A'/B/C
	SPEED-BAR	mm	145	145	180	180	180
<b>GLIDER WEIGHT</b>		kg	2,99*	3,14*	3,32	3,51*	3,67*
<b>TOTAL WEIGHT IN FLIGHT</b>	MIN-MAX	kg	50-75	65-85	75-95	85-105	95-115
<b>CERTIFICATION</b>			EN/LTF B	EN/LTF B	EN/LTF B	EN/LTF B	EN/LTF B

\* To be confirmed.  
The total weight of the wing may differ ±2% due to variations in the weight of the fabric supplied by the manufacturers.



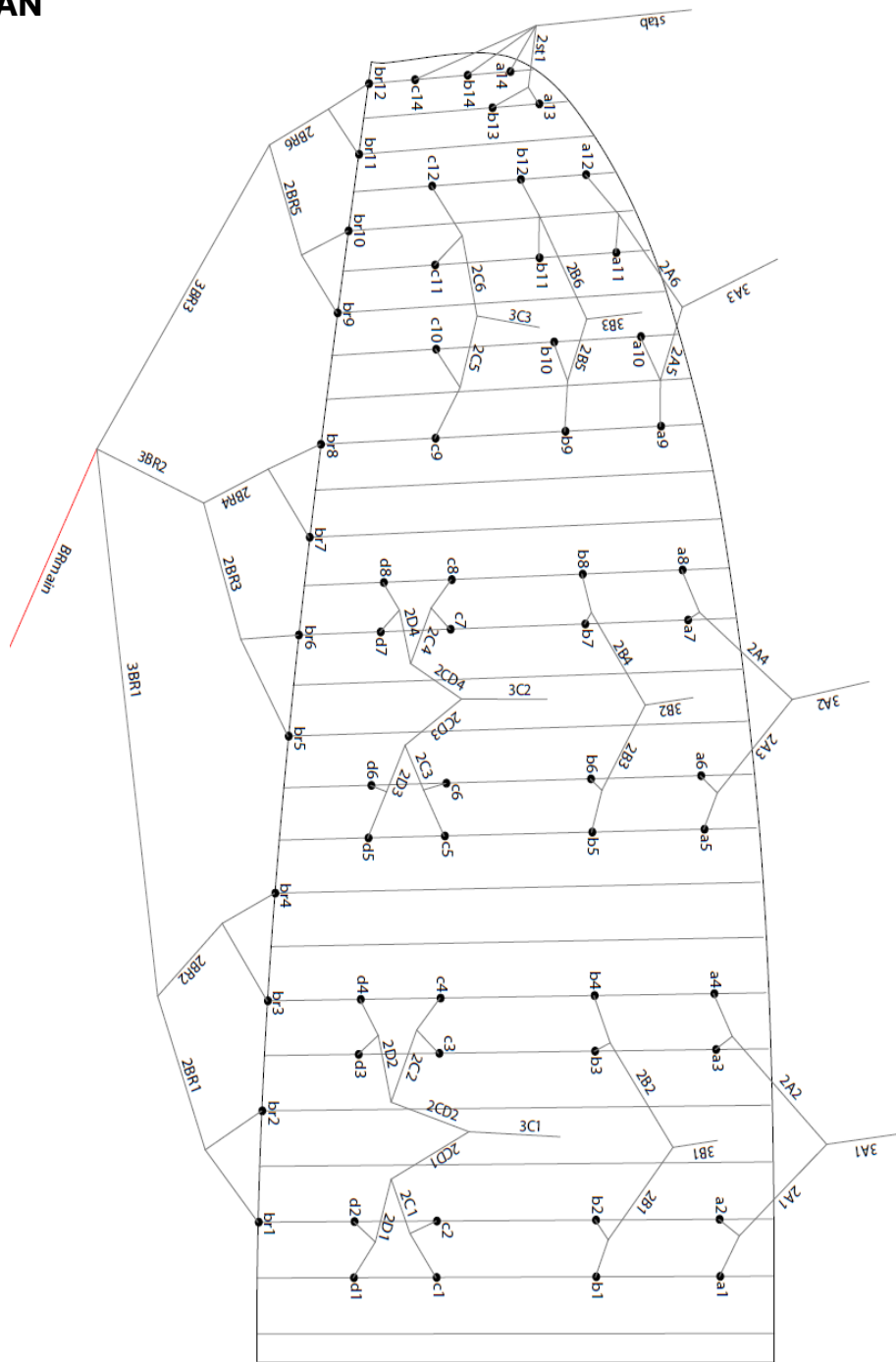
# MATERIALS

CANOPY	FABRIC CODE	SUPPLIER
UPPER SURFACE	2044 32 PS / N10	DOMINICO TEX CO (KOREA)
BOTTOM SURFACE	N10	DOMINICO TEX CO (KOREA)
PROFILES	70000 E91 / 2044 32 FM	PORCHER IND (FRANCE)/ DOMINICO TEX CO (KOREA)
DIAGONALS	70000 E91 / 2044 32 FM	PORCHER IND (FRANCE)/ DOMINICO TEX CO (KOREA)
LOOPS	LKI - 12	KOLON IND. (KOREA)
REINFORCEMENT LOOPS	RIPSTOP FABRIC	DOMINICO TEX CO (KOREA)
TRAILING EDGE REINFORCEMENT	MYLAR	D-P (GERMANY)
RIBS REINFORCEMENT	LTN-0.8/0.5 STICK	SPORTWARE CO.CHINA
THREAD	SERAFIL 60	AMAN (GERMANY)

SUSPENSION LINES	FABRIC CODE	SUPPLIER
UPPER CASCADES	A-8001/U 50	EDELRID (GERMANY)
UPPER CASCADES	A-8001/U 70	EDELRID (GERMANY)
UPPER CASCADES	DC - 40	LIROS GMHB (GERMANY)
UPPER CASCADES	DC - 60	LIROS GMHB (GERMANY)
UPPER CASCADES	DC - 100	LIROS GMHB (GERMANY)
MIDDLE CASCADES	A-8001/U 50	EDELRID (GERMANY)
MIDDLE CASCADES	A-8001/U 70	EDELRID (GERMANY)
MIDDLE CASCADES	A-8001/U 90	EDELRID (GERMANY)
MIDDLE CASCADES	A-8001/U 130	EDELRID (GERMANY)
MIDDLE CASCADES	DC - 60	LIROS GMHB (GERMANY)
MAIN	A-8001/U 90	EDELRID (GERMANY)
MAIN	A-8001/U 130	EDELRID (GERMANY)
MAIN	A-8001/U 190	EDELRID (GERMANY)
MAIN	A-8001/U 230	EDELRID (GERMANY)
MAIN BREAK	TARAX-240	EDELRID (GERMANY)
THREAD	SERAFIL 60	AMAN (GERMANY)

RISERS	FABRIC CODE	SUPPLIER
MATERIAL	3455	COUSIN (FRANCE)
COLOR INDICATOR	210D	TECNI SANGLES (FRANCE)
THREAD	V138	COATS (ENGLAND)
PULLEYS	SB15	RONSTAN (AUSTRALIA)

# LINE PLAN



## LINE REPLACEMENT

The use of new high performance materials in modern wings is now common. The advantages of using these materials in terms of performance are widely acknowledged as part of our sport's evolution. However, along with those technological advances come additional responsibilities which cannot be avoided. As a result, line inspection and replacement must be carried out more frequently. That increased frequency appears to be encouraging some pilots to try to perform line replacement themselves.

**WE STRONGLY RECOMMEND ANY LINE REPLACEMENT IS PERFORMED BY AN AUTHORISED SPECIALIST ONLY.**

Ultimately, if the pilot decides to perform any line replacement without professional oversight they therefore assume all responsibility. In this case, these guidelines will have to be followed.

### BEFORE REMOVING ANY LINES, CHECK:

- That the line plan is correct according to the glider model and size.
- That the line kit is complete and correct.
- Never assume but always check each individual line for the correct specification.

### AFTER CONFIRMING THAT ALL LINES ARE CORRECT:

- Fit the new line(s) WITHOUT removing the label.
- Once replaced, measure each line length to confirm the correct measurement.
- Inflate the wing to check for any irregularities.
- The line labels may then be removed but NOT BEFORE completion of the line replacement.

Niviuk strongly recommends for any line replacement to be carried out by an authorised professional only, and will not accept responsibility for any damage or injury caused as a result of incorrect re-assembly.

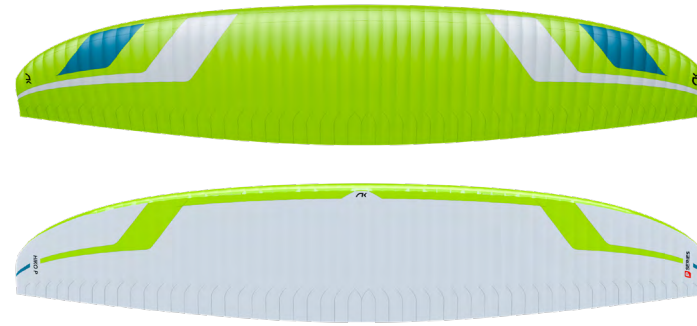
# RISER PLAN



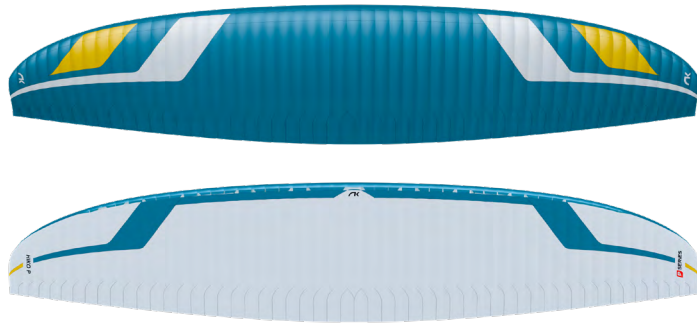
# COLORS



<b>FLAMINGO</b>	<b>UPPER</b>	PINK	<b>LOWER</b>	WHITE
	<b>TOP 1</b>	GOLD	<b>BOTTOM 1</b>	PINK
	<b>TOP 2</b>	WHITE	<b>BOTTOM 2</b>	GOLD



<b>CITRIK</b>	<b>UPPER</b>	LIME	<b>LOWER</b>	WHITE
	<b>TOP 1</b>	WHITE	<b>BOTTOM 1</b>	LIME
	<b>TOP 2</b>	SLATE BLUE	<b>BOTTOM 2</b>	SLATE BLUE



<b>TEKNO</b>	<b>UPPER</b>	SLATE BLUE	<b>LOWER</b>	WHITE
	<b>TOP 1</b>	WHITE	<b>BOTTOM 1</b>	SLATE BLUE
	<b>TOP 2</b>	GOLD	<b>BOTTOM 2</b>	GOLD

# WING LOAD

## HIKO P

20		22		24		26		28	
P.T.V.	KG/M2	P.T.V.	KG/M2	P.T.V.	KG/M2	P.T.V.	KG/M2	P.T.V.	KG/M2
55	= 2,68	65	= 2,98	75	= 3,15	85	= 3,29	95	= 3,42
56	= 2,73	66	= 3,03	76	= 3,19	86	= 3,33	96	= 3,45
57	= 2,78	67	= 3,07	77	= 3,24	87	= 3,37	97	= 3,49
58	= 2,83	68	= 3,12	78	= 3,28	88	= 3,41	98	= 3,53
59	= 2,88	69	= 3,17	79	= 3,32	89	= 3,45	99	= 3,56
60	= 2,93	70	= 3,21	80	= 3,36	90	= 3,49	100	= 3,60
61	= 2,98	71	= 3,26	81	= 3,40	91	= 3,53	101	= 3,63
62	= 3,02	72	= 3,30	82	= 3,45	92	= 3,57	102	= 3,67
63	= 3,07	73	= 3,35	83	= 3,49	93	= 3,60	103	= 3,71
64	= 3,12	74	= 3,39	84	= 3,53	94	= 3,64	104	= 3,74
65	= 3,17	75	= 3,44	85	= 3,57	95	= 3,68	105	= 3,78
66	= 3,22	76	= 3,49	86	= 3,61	96	= 3,72	106	= 3,81
67	= 3,27	77	= 3,53	87	= 3,66	97	= 3,76	107	= 3,85
68	= 3,32	78	= 3,58	88	= 3,70	98	= 3,80	108	= 3,88
69	= 3,37	79	= 3,62	89	= 3,74	99	= 3,84	109	= 3,92
70	= 3,41	80	= 3,67	90	= 3,78	100	= 3,88	110	= 3,96
71	= 3,46	81	= 3,72	91	= 3,82	101	= 3,91	111	= 3,99
72	= 3,51	82	= 3,76	92	= 3,87	102	= 3,95	112	= 4,03
73	= 3,56	83	= 3,81	93	= 3,91	103	= 3,99	113	= 4,06
74	= 3,61	84	= 3,85	94	= 3,95	104	= 4,03	114	= 4,10
75	= 3,66	85	= 3,90	95	= 3,99	105	= 4,07	115	= 4,14

# LINES

## HIKO P - 20

ref.	mat.	kg	color	mm
<b>A</b>				
a1	DC	100	WHT	313
a2	DC	60	WHT	266
a3	DC	60	WHT	275
a4	DC	60	WHT	299
a5	DC	60	WHT	291
a6	DC	60	WHT	249
a7	DC	60	WHT	252
a8	DC	60	WHT	266
a9	8001/U	70	ORG	559
a10	8001/U	50	ORG	461
a11	8001/U	50	ORG	541
a12	8001/U	50	ORG	518
a13	8001/U	50	ORG	628
a14	8001/U	50	ORG	1301

2A1	8001/U	130	ORG	1868
2A2	8001/U	130	ORG	1822
2A3	8001/U	130	ORG	1714
2A4	8001/U	90	ORG	1662
2A5	8001/U	90	ORG	1225
2A6	8001/U	90	ORG	1054
2st1	8001/U	90	ORG	749

3A1	8001/U	230	ORG	3847
3A2	8001/U	190	ORG	3913
3A3	8001/U	190	ORG	3959

ref.	mat.	kg	color	mm
<b>B</b>				
b1	DC	60	WHT	309
b2	DC	60	WHT	263
b3	DC	60	WHT	271
b4	DC	60	WHT	296
b5	DC	60	WHT	286
b6	DC	40	WHT	247
b7	DC	40	WHT	246
b8	DC	60	WHT	263
b9	8001/U	50	BLUE	538
b10	8001/U	50	BLUE	455
b11	8001/U	50	BLUE	507
b12	8001/U	50	BLUE	498
b13	8001/U	50	ORG	610
b14	8001/U	50	ORG	1303

2B1	8001/U	130	BLUE	1845
2B2	8001/U	130	BLUE	1803
2B3	8001/U	130	BLUE	1683
2B4	8001/U	90	BLUE	1644
2B5	8001/U	70	BLUE	1168
2B6	8001/U	70	BLUE	1042

3B1	8001/U	190	BLUE	3776
3B2	8001/U	190	BLUE	3866
3B3	8001/U	130	BLUE	3970
stab	8001/U	90	BLUE	3965

ref.	mat.	kg	color	mm
<b>C</b>				
c1	DC	40	WHT	313
c2	DC	40	WHT	250
c3	DC	40	WHT	259
c4	DC	40	WHT	303
c5	DC	40	WHT	291
c6	DC	40	WHT	237
c7	DC	40	WHT	238
c8	DC	40	WHT	269
c9	8001/U	50	BLUE	541
c10	8001/U	50	BLUE	453
c11	8001/U	50	BLUE	506
c12	8001/U	50	BLUE	478
c13	8001/U	50	ORG	1367

2C1	8001/U	50	BLUE	516
2C2	8001/U	50	BLUE	497
2C3	8001/U	50	BLUE	481
2C4	8001/U	50	BLUE	466
2C5	8001/U	50	BLUE	1204
2C6	8001/U	50	BLUE	1074
2CD1	8001/U	90	BLUE	795
2CD2	8001/U	90	BLUE	774
2CD3	8001/U	70	BLUE	742
2CD4	8001/U	70	BLUE	713

3C1	8001/U	190	BLUE	4401
3C2	8001/U	130	BLUE	4414
3C3	8001/U	90	BLUE	3979

ref.	mat.	kg	color	mm
<b>D</b>				
d1	DC	40	WHT	314
d2	DC	40	WHT	256
d3	DC	40	WHT	267
d4	DC	40	WHT	302
d5	DC	40	WHT	294
d6	DC	40	WHT	236
d7	DC	40	WHT	254
d8	DC	40	WHT	263

2D1	8001/U	50	BLUE	604
2D2	8001/U	50	BLUE	578
2D3	8001/U	50	BLUE	561
2D4	8001/U	50	BLUE	519

ref.	mat.	kg	color	mm
<b>BRAKE</b>				
br1	DC	40	WHT	578
br2	DC	40	WHT	282
br3	DC	40	WHT	515
br4	DC	40	WHT	517
br5	DC	40	WHT	530
br6	DC	40	WHT	400
br7	DC	40	WHT	411
br8	DC	40	WHT	473
br9	DC	40	WHT	423
br10	DC	40	WHT	356
br11	DC	40	WHT	289
br12	DC	40	WHT	371

2BR1	DC	60	WHT	906
2BR2	DC	60	WHT	555
2BR3	DC	60	WHT	762
2BR4	DC	60	WHT	708
2BR5	DC	60	WHT	510
2BR6	DC	60	WHT	561
3BR1	DC	60	WHT	2616
3BR2	DC	60	WHT	2229
3BR3	DC	60	WHT	2332

BRMAIN	TARAX	240	RED	2936
				KNOT POINT: 2736



# LINES

## HIKO P - 22

ref.	mat.	kg	color	mm
<b>A</b>				
a1	DC	100	WHT	322
a2	DC	60	WHT	274
a3	DC	60	WHT	284
a4	DC	60	WHT	308
a5	DC	60	WHT	300
a6	DC	60	WHT	257
a7	DC	60	WHT	259
a8	DC	60	WHT	274
a9	8001/U	70	ORG	576
a10	8001/U	50	ORG	475
a11	8001/U	50	ORG	558
a12	8001/U	50	ORG	535
a13	8001/U	50	ORG	648
a14	8001/U	50	ORG	1342

2A1	8001/U	130	ORG	1926
2A2	8001/U	130	ORG	1880
2A3	8001/U	130	ORG	1767
2A4	8001/U	90	ORG	1715
2A5	8001/U	90	ORG	1263
2A6	8001/U	90	ORG	1087
2st1	8001/U	90	ORG	772

3A1	8001/U	230	ORG	3984
3A2	8001/U	190	ORG	4055
3A3	8001/U	190	ORG	4104

ref.	mat.	kg	color	mm
<b>B</b>				
b1	DC	60	WHT	318
b2	DC	60	WHT	272
b3	DC	60	WHT	279
b4	DC	60	WHT	305
b5	DC	60	WHT	295
b6	DC	40	WHT	255
b7	DC	40	WHT	253
b8	DC	60	WHT	271
b9	8001/U	50	BLUE	555
b10	8001/U	50	BLUE	469
b11	8001/U	50	BLUE	523
b12	8001/U	50	BLUE	513
b13	8001/U	50	ORG	629
b14	8001/U	50	ORG	1344

2B1	8001/U	130	BLUE	1902
2B2	8001/U	130	BLUE	1861
2B3	8001/U	130	BLUE	1735
2B4	8001/U	90	BLUE	1696
2B5	8001/U	70	BLUE	1205
2B6	8001/U	70	BLUE	1075

3B1	8001/U	190	BLUE	3911
3B2	8001/U	190	BLUE	4006
3B3	8001/U	130	BLUE	4116
stab	8001/U	90	BLUE	4111

ref.	mat.	kg	color	mm
<b>C</b>				
c1	DC	40	WHT	323
c2	DC	40	WHT	259
c3	DC	40	WHT	266
c4	DC	40	WHT	312
c5	DC	40	WHT	299
c6	DC	40	WHT	246
c7	DC	40	WHT	241
c8	DC	40	WHT	279
c9	8001/U	50	BLUE	558
c10	8001/U	50	BLUE	468
c11	8001/U	50	BLUE	522
c12	8001/U	50	BLUE	493
c13	8001/U	50	ORG	1410

2C1	8001/U	50	BLUE	532
2C2	8001/U	50	BLUE	513
2C3	8001/U	50	BLUE	483
2C4	8001/U	50	BLUE	477
2C5	8001/U	50	BLUE	1242
2C6	8001/U	50	BLUE	1108
2CD1	8001/U	90	BLUE	820
2CD2	8001/U	90	BLUE	798
2CD3	8001/U	70	BLUE	754
2CD4	8001/U	70	BLUE	728

3C1	8001/U	190	BLUE	4555
3C2	8001/U	130	BLUE	4590
3C3	8001/U	90	BLUE	4126

ref.	mat.	kg	color	mm
<b>D</b>				
d1	DC	40	WHT	323
d2	DC	40	WHT	264
d3	DC	40	WHT	275
d4	DC	40	WHT	311
d5	DC	40	WHT	303
d6	DC	40	WHT	246
d7	DC	40	WHT	252
d8	DC	40	WHT	278

2D1	8001/U	50	BLUE	623
2D2	8001/U	50	BLUE	597
2D3	8001/U	50	BLUE	567
2D4	8001/U	50	BLUE	536

ref.	mat.	kg	color	mm
<b>BRAKE</b>				
br1	DC	40	WHT	596
br2	DC	40	WHT	291
br3	DC	40	WHT	531
br4	DC	40	WHT	533
br5	DC	40	WHT	547
br6	DC	40	WHT	413
br7	DC	40	WHT	424
br8	DC	40	WHT	487
br9	DC	40	WHT	436
br10	DC	40	WHT	367
br11	DC	40	WHT	297
br12	DC	40	WHT	383

2BR1	DC	60	WHT	934
2BR2	DC	60	WHT	573
2BR3	DC	60	WHT	785
2BR4	DC	60	WHT	731
2BR5	DC	60	WHT	526
2BR6	DC	60	WHT	579
3BR1	DC	60	WHT	2696
3BR2	DC	60	WHT	2299
3BR3	DC	60	WHT	2408

BRMAIN	TARAX	240	RED	3037
				KNOT POINT: 2837

# LINES

## HIKO P - 24

ref.	mat.	kg	color	mm
<b>A</b>				
a1	DC	100	WHT	336
a2	DC	60	WHT	288
a3	DC	60	WHT	296
a4	DC	60	WHT	323
a5	DC	60	WHT	314
a6	DC	60	WHT	270
a7	DC	60	WHT	271
a8	DC	60	WHT	287
a9	8001/U	70	ORG	602
a10	8001/U	50	ORG	498
a11	8001/U	50	ORG	582
a12	8001/U	50	ORG	560
a13	8001/U	50	ORG	677
a14	8001/U	50	ORG	1403

2A1	8001/U	130	ORG	2010
2A2	8001/U	130	ORG	1968
2A3	8001/U	130	ORG	1845
2A4	8001/U	90	ORG	1794
2A5	8001/U	90	ORG	1319
2A6	8001/U	90	ORG	1139
2st1	8001/U	90	ORG	808

3A1	8001/U	230	ORG	4184
3A2	8001/U	190	ORG	4266
3A3	8001/U	190	ORG	4323

ref.	mat.	kg	color	mm
<b>B</b>				
b1	DC	60	WHT	333
b2	DC	60	WHT	284
b3	DC	60	WHT	292
b4	DC	60	WHT	319
b5	DC	60	WHT	308
b6	DC	40	WHT	266
b7	DC	40	WHT	265
b8	DC	60	WHT	283
b9	8001/U	50	BLUE	580
b10	8001/U	50	BLUE	490
b11	8001/U	50	BLUE	547
b12	8001/U	50	BLUE	536
b13	8001/U	50	ORG	656
b14	8001/U	50	ORG	1404

2B1	8001/U	130	BLUE	1987
2B2	8001/U	130	BLUE	1944
2B3	8001/U	130	BLUE	1814
2B4	8001/U	90	BLUE	1771
2B5	8001/U	70	BLUE	1259
2B6	8001/U	70	BLUE	1121

3B1	8001/U	190	BLUE	4117
3B2	8001/U	190	BLUE	4215
3B3	8001/U	130	BLUE	4326
stab	8001/U	90	BLUE	4332

ref.	mat.	kg	color	mm
<b>C</b>				
c1	DC	40	WHT	337
c2	DC	40	WHT	271
c3	DC	40	WHT	278
c4	DC	40	WHT	327
c5	DC	40	WHT	313
c6	DC	40	WHT	258
c7	DC	40	WHT	252
c8	DC	40	WHT	292
c9	8001/U	50	BLUE	583
c10	8001/U	50	BLUE	489
c11	8001/U	50	BLUE	545
c12	8001/U	50	BLUE	515
c13	8001/U	50	ORG	1472

2C1	8001/U	50	BLUE	555
2C2	8001/U	50	BLUE	537
2C3	8001/U	50	BLUE	504
2C4	8001/U	50	BLUE	499
2C5	8001/U	50	BLUE	1297
2C6	8001/U	50	BLUE	1157
2CD1	8001/U	90	BLUE	856
2CD2	8001/U	90	BLUE	835
2CD3	8001/U	70	BLUE	787
2CD4	8001/U	70	BLUE	761

3C1	8001/U	190	BLUE	4785
3C2	8001/U	130	BLUE	4825
3C3	8001/U	90	BLUE	4343

ref.	mat.	kg	color	mm
<b>D</b>				
d1	DC	40	WHT	338
d2	DC	40	WHT	276
d3	DC	40	WHT	287
d4	DC	40	WHT	325
d5	DC	40	WHT	316
d6	DC	40	WHT	257
d7	DC	40	WHT	263
d8	DC	40	WHT	290

2D1	8001/U	50	BLUE	650
2D2	8001/U	50	BLUE	624
2D3	8001/U	50	BLUE	592
2D4	8001/U	50	BLUE	561

ref.	mat.	kg	color	mm
<b>BRAKE</b>				
br1	DC	40	WHT	623
br2	DC	40	WHT	305
br3	DC	40	WHT	554
br4	DC	40	WHT	557
br5	DC	40	WHT	571
br6	DC	40	WHT	432
br7	DC	40	WHT	443
br8	DC	40	WHT	510
br9	DC	40	WHT	455
br10	DC	40	WHT	384
br11	DC	40	WHT	310
br12	DC	40	WHT	400

2BR1	DC	60	WHT	975
2BR2	DC	60	WHT	599
2BR3	DC	60	WHT	819
2BR4	DC	60	WHT	765
2BR5	DC	60	WHT	549
2BR6	DC	60	WHT	606
3BR1	DC	60	WHT	2814
3BR2	DC	60	WHT	2403
3BR3	DC	60	WHT	2519

BRMAIN	TARAX	240	RED	3156
				KNOT POINT: 2956

# LINES

## HIKO P - 26

ref.	mat.	kg	color	mm
<b>A</b>				
a1	DC	100	WHT	350
a2	DC	60	WHT	299
a3	DC	60	WHT	308
a4	DC	60	WHT	336
a5	DC	60	WHT	327
a6	DC	60	WHT	280
a7	DC	60	WHT	282
a8	DC	60	WHT	299
a9	8001/U	70	ORG	627
a10	8001/U	50	ORG	517
a11	8001/U	50	ORG	607
a12	8001/U	50	ORG	582
a13	8001/U	50	ORG	705
a14	8001/U	50	ORG	1460

2A1	8001/U	130	ORG	2092
2A2	8001/U	130	ORG	2049
2A3	8001/U	130	ORG	1922
2A4	8001/U	90	ORG	1867
2A5	8001/U	90	ORG	1374
2A6	8001/U	90	ORG	1184
2st1	8001/U	90	ORG	840

3A1	8001/U	230	ORG	4384
3A2	8001/U	190	ORG	4468
3A3	8001/U	190	ORG	4525

ref.	mat.	kg	color	mm
<b>B</b>				
b1	DC	60	WHT	346
b2	DC	60	WHT	296
b3	DC	60	WHT	303
b4	DC	60	WHT	333
b5	DC	60	WHT	321
b6	DC	40	WHT	278
b7	DC	40	WHT	275
b8	DC	60	WHT	295
b9	8001/U	50	BLUE	604
b10	8001/U	50	BLUE	511
b11	8001/U	50	BLUE	569
b12	8001/U	50	BLUE	558
b13	8001/U	50	ORG	684
b14	8001/U	50	ORG	1462

2B1	8001/U	130	BLUE	2067
2B2	8001/U	130	BLUE	2028
2B3	8001/U	130	BLUE	1887
2B4	8001/U	90	BLUE	1846
2B5	8001/U	70	BLUE	1311
2B6	8001/U	70	BLUE	1169

3B1	8001/U	190	BLUE	4304
3B2	8001/U	190	BLUE	4416
3B3	8001/U	130	BLUE	4538
stab	8001/U	90	BLUE	4533

ref.	mat.	kg	color	mm
<b>C</b>				
c1	DC	40	WHT	351
c2	DC	40	WHT	282
c3	DC	40	WHT	289
c4	DC	40	WHT	340
c5	DC	40	WHT	326
c6	DC	40	WHT	268
c7	DC	40	WHT	262
c8	DC	40	WHT	304
c9	8001/U	50	BLUE	607
c10	8001/U	50	BLUE	509
c11	8001/U	50	BLUE	567
c12	8001/U	50	BLUE	537
c13	8001/U	50	ORG	1533

2C1	8001/U	50	BLUE	577
2C2	8001/U	50	BLUE	560
2C3	8001/U	50	BLUE	525
2C4	8001/U	50	BLUE	520
2C5	8001/U	50	BLUE	1351
2C6	8001/U	50	BLUE	1205
2CD1	8001/U	90	BLUE	891
2CD2	8001/U	90	BLUE	870
2CD3	8001/U	70	BLUE	819
2CD4	8001/U	70	BLUE	793

3C1	8001/U	190	BLUE	5006
3C2	8001/U	130	BLUE	5050
3C3	8001/U	90	BLUE	4551

ref.	mat.	kg	color	mm
<b>D</b>				
d1	DC	40	WHT	351
d2	DC	40	WHT	288
d3	DC	40	WHT	298
d4	DC	40	WHT	339
d5	DC	40	WHT	329
d6	DC	40	WHT	268
d7	DC	40	WHT	274
d8	DC	40	WHT	302

2D1	8001/U	50	BLUE	676
2D2	8001/U	50	BLUE	651
2D3	8001/U	50	BLUE	617
2D4	8001/U	50	BLUE	584

ref.	mat.	kg	color	mm
<b>BRAKE</b>				
br1	DC	40	WHT	649
br2	DC	40	WHT	318
br3	DC	40	WHT	577
br4	DC	40	WHT	581
br5	DC	40	WHT	595
br6	DC	40	WHT	450
br7	DC	40	WHT	460
br8	DC	40	WHT	531
br9	DC	40	WHT	474
br10	DC	40	WHT	400
br11	DC	40	WHT	323
br12	DC	40	WHT	417

2BR1	DC	60	WHT	1.014
2BR2	DC	60	WHT	625
2BR3	DC	60	WHT	852
2BR4	DC	60	WHT	797
2BR5	DC	60	WHT	571
2BR6	DC	60	WHT	632
3BR1	DC	60	WHT	2928
3BR2	DC	60	WHT	2502
3BR3	DC	60	WHT	2626

BRMAIN	TARAX	240	RED	3329
KNOT POINT:				3129

# LINES

## HIKO P - 28

ref.	mat.	kg	color	mm
<b>A</b>				
a1	DC	100	WHT	363
a2	DC	60	WHT	311
a3	DC	60	WHT	319
a4	DC	60	WHT	349
a5	DC	60	WHT	339
a6	DC	60	WHT	291
a7	DC	60	WHT	292
a8	DC	60	WHT	310
a9	8001/U	70	ORG	651
a10	8001/U	50	ORG	537
a11	8001/U	50	ORG	630
a12	8001/U	50	ORG	604
a13	8001/U	50	ORG	732
a14	8001/U	50	ORG	1515

2A1	8001/U	130	ORG	2171
2A2	8001/U	130	ORG	2128
2A3	8001/U	130	ORG	1994
2A4	8001/U	90	ORG	1939
2A5	8001/U	90	ORG	1426
2A6	8001/U	90	ORG	1229
2st1	8001/U	90	ORG	873

3A1	8001/U	230	ORG	4572
3A2	8001/U	190	ORG	4663
3A3	8001/U	190	ORG	4724

ref.	mat.	kg	color	mm
<b>B</b>				
b1	DC	60	WHT	359
b2	DC	60	WHT	308
b3	DC	60	WHT	314
b4	DC	60	WHT	346
b5	DC	60	WHT	333
b6	DC	40	WHT	289
b7	DC	40	WHT	285
b8	DC	60	WHT	307
b9	8001/U	50	BLUE	627
b10	8001/U	50	BLUE	530
b11	8001/U	50	BLUE	590
b12	8001/U	50	BLUE	580
b13	8001/U	50	ORG	710
b14	8001/U	50	ORG	1517

2B1	8001/U	130	BLUE	2144
2B2	8001/U	130	BLUE	2106
2B3	8001/U	130	BLUE	1958
2B4	8001/U	90	BLUE	1917
2B5	8001/U	70	BLUE	1361
2B6	8001/U	70	BLUE	1214

3B1	8001/U	190	BLUE	4489
3B2	8001/U	190	BLUE	4608
3B3	8001/U	130	BLUE	4737
stab	8001/U	90	BLUE	4731

ref.	mat.	kg	color	mm
<b>C</b>				
c1	DC	40	WHT	364
c2	DC	40	WHT	294
c3	DC	40	WHT	300
c4	DC	40	WHT	353
c5	DC	40	WHT	338
c6	DC	40	WHT	277
c7	DC	40	WHT	276
c8	DC	40	WHT	314
c9	8001/U	50	BLUE	630
c10	8001/U	50	BLUE	528
c11	8001/U	50	BLUE	589
c12	8001/U	50	BLUE	557
c13	8001/U	50	ORG	1592

2C1	8001/U	50	BLUE	598
2C2	8001/U	50	BLUE	582
2C3	8001/U	50	BLUE	559
2C4	8001/U	50	BLUE	544
2C5	8001/U	50	BLUE	1402
2C6	8001/U	50	BLUE	1251
2CD1	8001/U	90	BLUE	924
2CD2	8001/U	90	BLUE	904
2CD3	8001/U	70	BLUE	863
2CD4	8001/U	70	BLUE	832

3C1	8001/U	190	BLUE	5218
3C2	8001/U	130	BLUE	5247
3C3	8001/U	90	BLUE	4750

ref.	mat.	kg	color	mm
<b>D</b>				
d1	DC	40	WHT	365
d2	DC	40	WHT	299
d3	DC	40	WHT	309
d4	DC	40	WHT	352
d5	DC	40	WHT	342
d6	DC	40	WHT	276
d7	DC	40	WHT	295
d8	DC	40	WHT	307

2D1	8001/U	50	BLUE	701
2D2	8001/U	50	BLUE	676
2D3	8001/U	50	BLUE	652
2D4	8001/U	50	BLUE	606

ref.	mat.	kg	color	mm
<b>BRAKE</b>				
br1	DC	40	WHT	673
br2	DC	40	WHT	330
br3	DC	40	WHT	598
br4	DC	40	WHT	603
br5	DC	40	WHT	617
br6	DC	40	WHT	468
br7	DC	40	WHT	477
br8	DC	40	WHT	551
br9	DC	40	WHT	492
br10	DC	40	WHT	416
br11	DC	40	WHT	335
br12	DC	40	WHT	433

2BR1	DC	60	WHT	1.052
2BR2	DC	60	WHT	649
2BR3	DC	60	WHT	884
2BR4	DC	60	WHT	829
2BR5	DC	60	WHT	593
2BR6	DC	60	WHT	656
3BR1	DC	60	WHT	3037
3BR2	DC	60	WHT	2598
3BR3	DC	60	WHT	2729

BRMAIN	TARAX	240	RED	3466
				KNOT POINT: 3266

# LINE MEASUREMENTS

## HIKO P - 20

LINES HEIGHT + RISER MM

	A	B	C	D	br
1	6561	6473	6567	6656	6833
2	6513	6427	6504	6598	6537
3	6480	6391	6473	6562	6419
4	6504	6415	6517	6597	6421
5	6457	6375	6472	6555	6254
6	6416	6336	6418	6497	6124
7	6371	6293	6375	6444	6081
8	6386	6310	6406	6453	6143
9	6289	6221	6280		5998
10	6194	6136	6192		5931
11	6107	6060	6115		5915
12	6085	6050	6082		5997
13	5892	5872	5883		
14	5819	5820			

RISERS LENGHT MM

A	A'	B	C	
530	530	530	530	STANDARD
380	380	430	530	ACCELERATED

## HIKO P - 22

LINES HEIGHT + RISER MM

	A	B	C	D	br
1	6770	6668	6774	6865	7060
2	6721	6622	6710	6806	6755
3	6686	6588	6676	6769	6634
4	6710	6614	6722	6805	6636
5	6662	6576	6672	6760	6465
6	6619	6536	6619	6703	6331
7	6572	6495	6582	6652	6288
8	6587	6513	6620	6678	6351
9	6486	6418	6484		6204
10	6387	6332	6394		6135
11	6295	6256	6314		6118
12	6272	6246	6280		6204
13	6073	6054	6067		
14	5999	6001			

RISERS LENGHT MM

A	A'	B	C	
530	530	530	530	STANDARD
380	380	430	530	ACCELERATED

## HIKO P - 24

LINES HEIGHT + RISER MM

	A	B	C	D	br
1	7069	6977	7078	7174	7405
2	7020	6928	7012	7112	7087
3	6987	6893	6980	7076	6960
4	7014	6920	7029	7114	6963
5	6966	6880	6976	7067	6786
6	6922	6838	6921	7008	6647
7	6875	6794	6884	6957	6604
8	6891	6812	6924	6984	6671
9	6792	6716	6779		6516
10	6690	6626	6685		6445
11	6595	6545	6601		6428
12	6573	6534	6571		6518
13	6370	6349	6364		
14	6292	6293			

RISERS LENGHT MM

A	A'	B	C	
530	530	530	530	STANDARD
350	350	410	530	ACCELERATED

## HIKO P - 26

LINES HEIGHT + RISER MM

	A	B	C	D	br
1	7358	7261	7368	7467	7717
2	7307	7211	7299	7404	7386
3	7274	7177	7268	7368	7256
4	7303	7205	7319	7409	7260
5	7255	7165	7265	7360	7075
6	7210	7122	7207	7299	6930
7	7162	7075	7170	7246	6885
8	7179	7095	7212	7274	6956
9	7073	6994	7060		6797
10	6966	6900	6962		6723
11	6868	6815	6874		6707
12	6845	6804	6839		6801
13	6629	6607	6618		
14	6547	6548			

RISERS LENGHT MM

A	A'	B	C	
530	530	530	530	STANDARD
350	350	410	530	ACCELERATED

## HIKO P - 28

LINES HEIGHT + RISER MM

	A	B	C	D	br
1	7640	7540	7648	7752	8025
2	7588	7489	7578	7686	7682
3	7555	7454	7548	7651	7547
4	7585	7484	7601	7694	7552
5	7536	7444	7553	7650	7362
6	7489	7399	7492	7584	7213
7	7440	7353	7445	7526	7167
8	7459	7373	7483	7538	7241
9	7347	7269	7337		7077
10	7237	7171	7235		7001
11	7135	7084	7145		6983
12	7111	7072	7108		7081
13	6889	6866	6877		
14	6804	6805			

RISERS LENGHT MM

A	A'	B	C	
530	530	530	530	STANDARD
350	350	410	530	ACCELERATED

# SUSPENSION

MATERIAL CODE		DC	DC	DC	A-8001/U	A-8001/U	A-8001/U	A-8001/U	A-8001/U	A-8001/U	TARAX
STRENGTH CODE		040	060	100	50	070	90	130	190	230	240
DIAMETER m/m	∅	0,5	0,6	0,8	0,5	0,7	0,8	0,9	1,1	1,1 x 1,4	1,9
CORE MATERIAL		DYNEEMA	DYNEEMA	Dyneema	ARAMID	ARAMID	ARAMID	ARAMID	ARAMID	ARAMID	DYNEEMA
SLEEVE MATERIAL		NO	NO	NO	NO	NO	NO	NO	NO	NO	POLYESTER
WEIGHT G/M	TOTAL	0,19	0,24	0,42	0,25	0,4	0,5	0,8	1,1	1,4	2,3
BREAKING STRENGTH daN	MINIMUM	40	60	100	50	70	90	130	190	230	240
	MAXIMUM	48	84	110		78	110	144	211	255	
STRENGTH AFTER											
5.000 BENDING	33	74	99	26	39	49	88	52	69		
CYCLES											
ELONGATION AT				0,4	0,5	0,4	0,4	0,4	0,3	0,1-0,3	
		0,43	0,36	0,7	0,7	0,6	0,6	0,6	0,5	0,2-0,4	
				1,1	1	0,8	0,8	0,7	0,6	0,2-0,6	
				1,5	1,3	1	0,9	0,9	0,7	0,3-0,7	
				1,9	1,5	1,3	1	1	0,8	0,4-0,8	
		1,2	1	3,3	2,8	2,3	1,8	1,6	1,3		
					3,7	3,2	3,1	2,7	2,3	0,9-1,2	
								2,6	3,6	1,1-1,5	
								3,5	3,3		
								4,3	3,6	1,5-2,1	
											2-2,8
ELONGATION MAX. BREAKING STRENGTH %		3,2	3,4	3,8	3,9	4,3	4	4,4	4,4		

# PULLEY

## DESCRIPTION PULLEY

<b>PULLEY</b>	20 m/m
<b>CODE</b>	RF25109
<b>MATERIALS</b>	STAINLESS STEEL NYLON CARBON ACETAL
<b>BEARING</b>	DELRIN®
<b>WEIGHT</b>	14 G/PIECE

## TECHNICAL SPECIFICATIONS



<b>DIMENSIONS</b>	m/m
<b>A</b>	20
<b>B</b>	33
<b>Ø</b>	5 max
<b>LOAD</b>	KG
<b>WORKING LIMIT</b>	200
<b>BREAKING</b>	400



## THREAD

### WING MAKING

NAME	SERAFIL
N° OF REFERENCE	60
MATERIAL	POLYESTER
TYPE OF FINISH	SILK
LINEAR DENSITY	NM 61 / 3 (DTEX 163 * 3)
BREAKING STRENGTH	3,000 CN
ELONGATION	17,00%

### QUALITIES SERAFIL

SOLIDITY ARTIFICIAL LIGTH	ISO 105 B02 > 5 - 6
SOLIDITY SWEAT	ISO 105 E04 > 4
SOLIDITY WASHING	ISO 105 C04 > 3
SOLIDITY GRAZE IN DRY	ISO 105 X12 > 4
SOLIDITY WASHING IN DRY	ISO 105 D01 > 3 - 4

TREATMENT WATER REPELLENT	WR
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### RISERS MAKING

NAME	COATS BONDED C.F.P.
N° OF REFERENCE	V138
MATERIAL	POLYESTER
TYPE OF FINISH	SILK
BREAKING STRENGTH	9,5 KG
ELONGATION	19%

## RISERS

### RISERS

N° OF REFERENCE	3455
MATERIAL	POLYESTER & TECHNORA
WIDTH	12 MM
THICKNESS	2,25 MM
BREAKING STRENGTH	1.100 DAN
ELONGATION	MAX. 11%
WEIGHT	21,1 G/M
COLOR	BLACK

### COLOR INDICATOR

N° OF REFERENCE	IC-G 1-2
MATERIAL	POLYESTER
WIDTH	70 M/M
THICKNESS	0,80 M/M
BREAKING STRENGTH	130 DN
ELONGATION	35 %
WEIGHT	32 G * L.M.
COLOR	GREEN

### LOOPS

N° OF REFERENCE	LKI - 12
MATERIAL	NYLON
WIDTH	12 M/M
BREAKING STRENGTH	84 KG
COLOR	WHITE



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