ARTIK R 2

Technical *specifications*

AIVUK BEYOND THE GLIDE

TECHNICAL SPECIFICATIONS

			20	21	23	24	25	27
Cells	Number		68	68	68	68	68	68
Aspect Ratio	Flat		6,5	6,5	6,5	6,5	6,5	6,5
	Projected		5,02	5,02	5,02	5,02	5,02	5,02
Area	Flat	m2	19,6	21	22,5	24	25,5	27
	Projected	m2	16,76	17,97	19,26	20,54	21,83	23,11
Span	Flat	m	11,29	11,68	12,10	12,49	12,87	13,25
Chord	Max	m	2,19	2,26	2,34	2,42	2,49	2,57
Lines	Total	m	183	190	197	203	210	216
	Main		2-1/3	2-1/3	2-1/3	2-1/3	2-1/3	2-1/3
Risers	Number	2+1	A-A'/B	A-A'/B	A-A'/B	A-A'/B	A/A'/B	A/A'/B
	Speed-bar	mm	160	160	160	160	160	160
Glider weight		kg	4,0	4,2	4,5	4,8	4,9	5,4
Total weight in flight	Min-Max	kg	60-75	70-85	80-95	90-105	100-115	110-125
Weight in flight opt.		kg	70	80	90	100	110	120
Certification			EN/LTF C	EN/LTF C	EN/LTF C	EN/LTF C	EN/LTF C	EN/LTF C

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

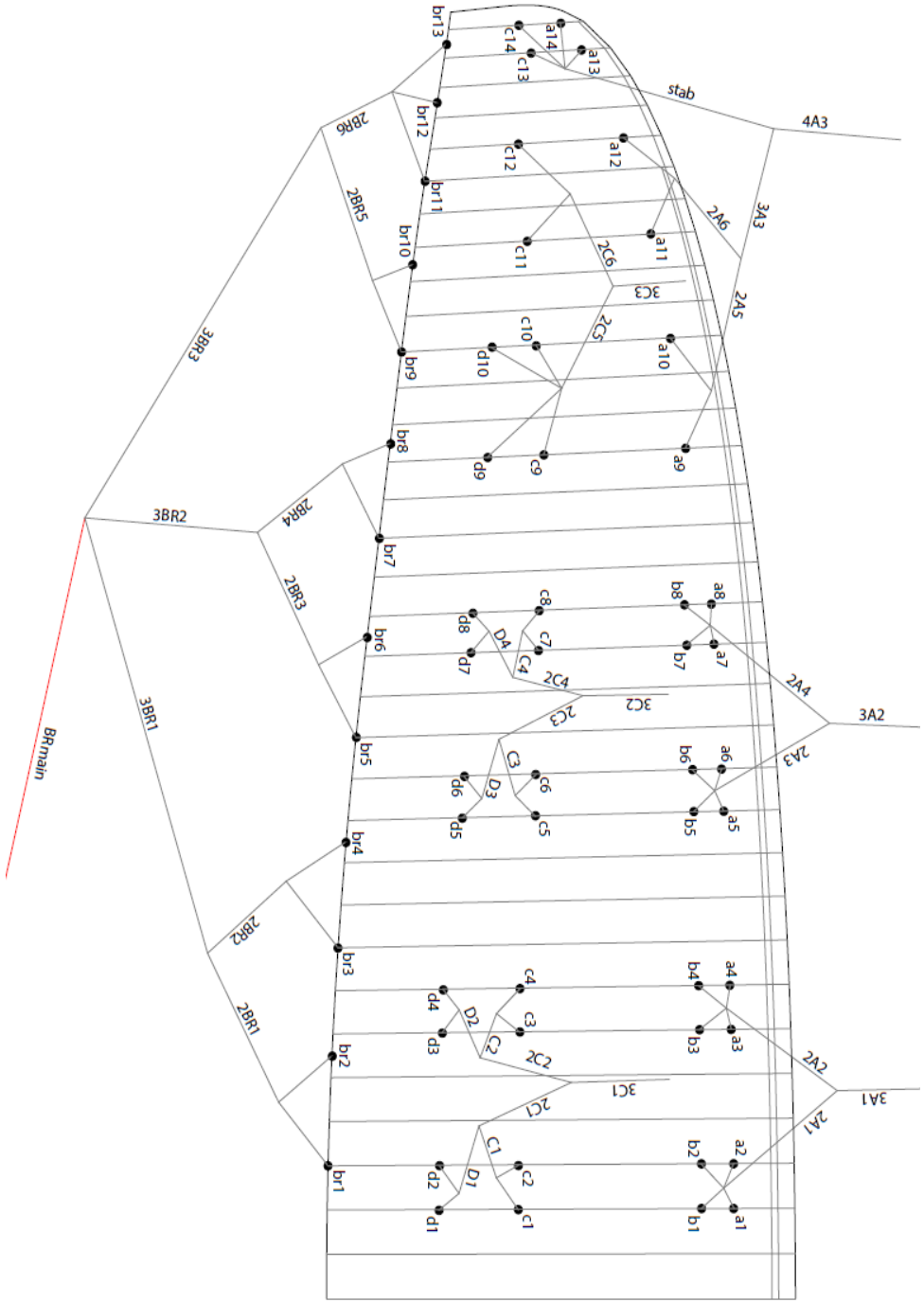
MATERIALS

CANOPY	FABRIC CODE	SUPPLIER
UPPER SURFACE	N20 DMF	DOMINICO TEX CO (KOREA)
BOTTOM SURFACE	N10 / N20 DMF	DOMINICO TEX CO (KOREA)
PROFILES	30 DFM / 2044 32 FM	DOMINICO TEX CO (KOREA)
DIAGONALS	30 DFM	DOMINICO TEX CO (KOREA)
LOOPS	LKI - 10	KOLON IND. (KOREA)
REIFORCEMENT LOOPS	RIPSTOP FABRIC	DOMINICO TEX CO (KOREA)
TRAILING EDGE REIFORCEMENT	MYLAR	D-P (GERMANY)
RIBS REIFORCEMNET	LTN-0.8 / 0.5 STICK	SPORTWARE CO.CHINA
THREAD	SERAFIL 60	AMAN (GERMANY)

SUSPENSION LINES	FABRIC CODE	SUPPLIER
UPPER CASCADES	DC - 40	LIROS GMHB (GERMANY)
UPPER CASCADES	DC - 60	LIROS GMHB (GERMANY)
UPPER CASCADES	A-8001/U 50	EDELRID (GERMANY)
UPPER CASCADES	A-8001/U 70	EDELRID (GERMANY)
MIDDLE CASCADES	DC - 40	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	A-8001/U 190	EDELRID (GERMANY)
MIDDLE CASCADES	A-8001/U 230	EDELRID (GERMANY)
MAIN	A-8001/U 130	EDELRID (GERMANY)
MAIN	A-8001/U 190	EDELRID (GERMANY)
MAIN	A-8001/U 360	EDELRID (GERMANY)
MAIN	A-8001/U 470	EDELRID (GERMANY)
MAIN BREAK	TARAX-200	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)
MAILLONS	3.5	ANSUNG PRECISION (KOREA)
PULLEYS	RF25109	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.

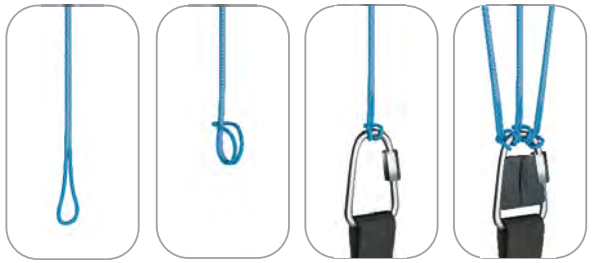
AFTER CONFIRMING THAT ALL LINES ARE CORRECT:

- 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.

SPECIAL CONFIGURATION ON LINES 3C1 – 3C2 – 3C3

The 3C1 - 3C2 - 3C3 lines are connected to the maillon by means of a special fixation method. See diagram below. The lark's foot/clove hitch is used to adjust the trim to the preset range. The loop will allow readjustment of the trim due to use, stretching or shrinking. Failure to make this loop compromises the trim of the wing and the safety of the pilot.



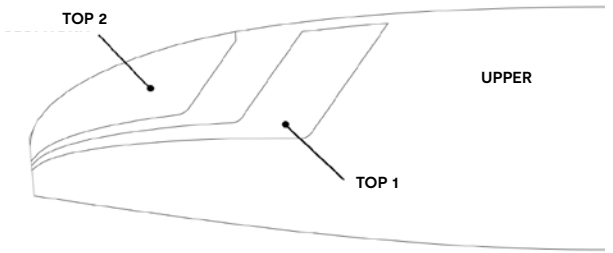
RISER PLAN

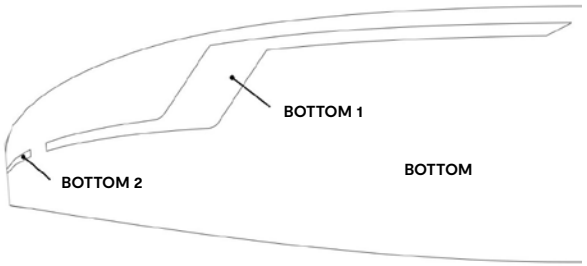
COLORS

	UPPER	PINK	**LOWER**	WHITE
NEON	**TOP 1**	SPECTRA GREEN	**BOTTOM 1**	PINK
	TOP 2	WHITE	**BOTTOM 2**	SPECTRA GREEN

	UPPER	DARK BRICK	**LOWER**	WHITE
QUETZAL	**TOP 1**	WHITE	**BOTTOM 1**	DARK BRICK
	TOP 2	SPECTRA GREEN	**BOTTOM 2**	SPECTRA GREEN

	UPPER	SLATE BLUE	**LOWER**	WHITE
GLACIER	**TOP 1**	WHITE	**BOTTOM 1**	SLATE BLUE
	TOP 2	BLACK	**BOTTOM 2**	BLACK





WING LOAD

ARTIK R 2

20		
P.T.V.		KG/M2
60	=	3,06
61	=	3,11
62	=	3,16
63	=	3,21
64	=	3,27
65	=	3,32
66	=	3,37
67	=	3,42
68	=	3,47
69	=	3,52
70	=	3,57
71	=	3,62
72	=	3,67
73	=	3,72
74	=	3,78
75	=	3,83

22		
P.T.V.		KG/M2
70	=	3,33
71	=	3,38
72	=	3,43
73	=	3,48
74	=	3,52
75	=	3,57
76	=	3,62
77	=	3,67
78	=	3,71
79	=	3,76
80	=	3,81
81	=	3,86
82	=	3,90
83	=	3,95
84	=	4,00
85	=	4,05

23		
P.T.V.		KG/M2
80	=	3,56
81	=	3,60
82	=	3,64
83	=	3,69
84	=	3,73
85	=	3,78
86	=	3,82
87	=	3,87
88	=	3,91
89	=	3,96
90	=	4,00
91	=	4,04
92	=	4,09
93	=	4,13
94	=	4,18
95	=	4,22

24		
P.T.V.		KG/M2
90	=	3,75
91	=	3,79
92	=	3,83
93	=	3,88
94	=	3,92
95	=	3,96
96	=	4,00
97	=	4,04
98	=	4,08
99	=	4,13
100	=	4,17
101	=	4,21
102	=	4,25
103	=	4,29
104	=	4,33
105	=	4,38

25		
P.T.V.		KG/M2
100	=	3,92
101	=	3,96
102	=	4,00
103	=	4,04
104	=	4,08
105	=	4,12
106	=	4,16
107	=	4,20
108	=	4,24
109	=	4,27
110	=	4,31
111	=	4,35
112	=	4,39
113	=	4,43
114	=	4,47
115	=	4,51

27		
P.T.V.		KG/M2
110	=	3,70
111	=	3,74
112	=	3,78
113	=	3,81
114	=	3,85
115	=	3,89
116	=	3,93
117	=	3,96
118	=	4,00
119	=	4,04
120	=	4,07
121	=	4,11
122	=	4,15
123	=	4,19
124	=	4,22
125	=	4,26

LINES

ARTIK R 2 - 20

ref.	mat.	kg	color	mm
		A		
a1	DC	60	WHT	382
a2	DC	60	WHT	351
a3	DC	60	WHT	351
a4	DC	60	WHT	370
a5	DC	60	WHT	356
a6	DC	60	WHT	323
a7	DC	60	WHT	325
a8	DC	60	WHT	330
a9	8001/U	90	ORG	1074
a10	8001/U	70	ORG	953
a11	8001/U	50	ORG	892
a12	8001/U	50	ORG	883
a13	DC	40	WHT	516
a14	DC	40	WHT	494
2A1	8001/U	190	ORG	1449
2A2	8001/U	190	ORG	1434
2A3	8001/U	190	ORG	1354
2A4	8001/U	190	ORG	1307
2A5	8001/U	130	ORG	1115
2A6	8001/U	90	ORG	1095
3A3	8001/U	190	ORG	2099
stab	8001/U	50	ORG	3418
3A1	8001/U	360	ORG	4278
3A2	8001/U	360	ORG	4324
4A3	8001/U	230	ORG	1579

ref.	mat.	kg	color	mm
		B		
b1	DC	60	ORG	358
b2	DC	60	ORG	326
b3	DC	60	ORG	325
b4	DC	60	ORG	347
b5	DC	60	ORG	334
b6	DC	60	ORG	300
b7	DC	60	ORG	303
b8	DC	60	ORG	313

ref.	mat.	kg	color	mm
		C		
c1	DC	60	WHT	278
c2	DC	40	WHT	246
c3	DC	40	WHT	247
c4	DC	60	WHT	266
c5	DC	60	WHT	260
c6	DC	40	WHT	228
c7	DC	40	WHT	234
c8	DC	40	WHT	240
c9	8001/U	50	BLUE	939
c10	8001/U	50	BLUE	832
c11	8001/U	50	BLUE	799
c12	8001/U	50	BLUE	813
c13	DC	40	WHT	526
c14	DC	40	WHT	531
C1	8001/U	70	BLUE	726
C2	8001/U	70	BLUE	709
C3	8001/U	70	BLUE	661
C4	8001/U	70	BLUE	609
2C1	8001/U	90	BLUE	804
2C2	8001/U	90	BLUE	802
2C3	8001/U	90	BLUE	764
2C4	8001/U	90	BLUE	766
2C5	8001/U	70	BLUE	1132
2C6	8001/U	70	BLUE	1100
3C1	8001/U	190	BLUE	4266
3C2	8001/U	190	BLUE	4310
3C3	8001/U	130	BLUE	3775

ref.	mat.	kg	color	mm
		D		
d1	DC	40	WHT	261
d2	DC	40	WHT	233
d3	DC	40	WHT	236
d4	DC	40	WHT	249
d5	DC	40	WHT	246
d6	DC	40	WHT	214
d7	DC	40	WHT	224
d8	DC	40	WHT	223
D9	8001/U	50	BLUE	1016
D10	8001/U	50	BLUE	901
D1	8001/U	50	BLUE	868
D2	8001/U	50	BLUE	847
D3	8001/U	50	BLUE	795
D4	8001/U	50	BLUE	730

ref.	mat.	kg	color	mm
		BRAKE		
br1	DC	40	WHT	780
br2	DC	40	WHT	585
br3	DC	40	WHT	637
br4	DC	40	WHT	700
br5	DC	40	WHT	686
br6	DC	40	WHT	516
br7	DC	40	WHT	563
br8	DC	40	WHT	631
br9	DC	40	WHT	594
br10	DC	40	WHT	478
br11	DC	40	WHT	696
br12	DC	40	WHT	701
br13	DC	40	WHT	791
2BR1	DC	40	WHT	873
2BR2	DC	40	WHT	723
2BR3	DC	40	WHT	671
2BR4	DC	40	WHT	562
2BR5	DC	40	WHT	673
2BR6	DC	40	WHT	399
3BR1	8001/U	50	ORG	2954
3BR2	8001/U	50	ORG	2839
3BR3	8001/U	50	ORG	2673
BRMAIN	TARAX	200	RED	2413
		KNOT POINT:		2213

LINES

ARTIK R 2 - 21

ref.	mat.	kg	color	mm
		A		
a1	DC	60	WHT	396
a2	DC	60	WHT	364
a3	DC	60	WHT	363
a4	DC	60	WHT	383
a5	DC	60	WHT	368
a6	DC	60	WHT	334
a7	DC	60	WHT	336
a8	DC	60	WHT	342
a9	8001/U	90	ORG	1112
a10	8001/U	70	ORG	986
a11	8001/U	50	ORG	924
a12	8001/U	50	ORG	914
a13	DC	40	WHT	534
a14	DC	40	WHT	512
2A1	8001/U	190	ORG	1500
2A2	8001/U	190	ORG	1485
2A3	8001/U	190	ORG	1401
2A4	8001/U	190	ORG	1354
2A5	8001/U	130	ORG	1154
2A6	8001/U	90	ORG	1133
3A3	8001/U	190	ORG	2173
stab	8001/U	50	ORG	3538
3A1	8001/U	360	ORG	4446
3A2	8001/U	360	ORG	4497
4A3	8001/U	230	ORG	1657

ref.	mat.	kg	color	mm
		B		
b1	DC	60	ORG	371
b2	DC	60	ORG	338
b3	DC	60	ORG	337
b4	DC	60	ORG	360
b5	DC	60	ORG	345
b6	DC	60	ORG	311
b7	DC	60	ORG	314
b8	DC	60	ORG	324

ref.	mat.	kg	color	mm
		C		
c1	DC	60	WHT	288
c2	DC	40	WHT	255
c3	DC	40	WHT	256
c4	DC	60	WHT	276
c5	DC	60	WHT	269
c6	DC	40	WHT	236
c7	DC	40	WHT	242
c8	DC	40	WHT	249
c9	8001/U	50	BLUE	972
c10	8001/U	50	BLUE	861
c11	8001/U	50	BLUE	827
c12	8001/U	50	BLUE	841
c13	DC	40	WHT	544
c14	DC	40	WHT	549
C1	8001/U	70	BLUE	752
C2	8001/U	70	BLUE	734
C3	8001/U	70	BLUE	684
C4	8001/U	70	BLUE	630
2C1	8001/U	90	BLUE	832
2C2	8001/U	90	BLUE	831
2C3	8001/U	90	BLUE	790
2C4	8001/U	90	BLUE	794
2C5	8001/U	70	BLUE	1172
2C6	8001/U	70	BLUE	1139
3C1	8001/U	190	BLUE	4436
3C2	8001/U	190	BLUE	4485
3C3	8001/U	130	BLUE	3930

ref.	mat.	kg	color	mm
		D		
d1	DC	40	WHT	270
d2	DC	40	WHT	241
d3	DC	40	WHT	244
d4	DC	40	WHT	257
d5	DC	40	WHT	255
d6	DC	40	WHT	221
d7	DC	40	WHT	232
d8	DC	40	WHT	231
D9	8001/U	50	BLUE	1051
D10	8001/U	50	BLUE	932
D1	8001/U	50	BLUE	898
D2	8001/U	50	BLUE	876
D3	8001/U	50	BLUE	822
D4	8001/U	50	BLUE	755

ref.	mat.	kg	color	mm
		BRAKE		
br1	DC	40	WHT	807
br2	DC	40	WHT	606
br3	DC	40	WHT	659
br4	DC	40	WHT	725
br5	DC	40	WHT	710
br6	DC	40	WHT	534
br7	DC	40	WHT	582
br8	DC	40	WHT	653
br9	DC	40	WHT	614
br10	DC	40	WHT	495
br11	DC	40	WHT	720
br12	DC	40	WHT	726
br13	DC	40	WHT	819
2BR1	DC	40	WHT	904
2BR2	DC	40	WHT	750
2BR3	DC	40	WHT	694
2BR4	DC	40	WHT	582
2BR5	DC	40	WHT	696
2BR6	DC	40	WHT	414
3BR1	8001/U	50	ORG	3056
3BR2	8001/U	50	ORG	2942
3BR3	8001/U	50	ORG	2772
BRMAIN	TARAX	200	RED	2505
		KNOT POINT:		2305

LINES

ARTIK R 2 - 23

ref.	mat.	kg	color	mm
		A		
a1	DC	60	WHT	409
a2	DC	60	WHT	377
a3	DC	60	WHT	376
a4	DC	60	WHT	397
a5	DC	60	WHT	381
a6	DC	60	WHT	346
a7	DC	60	WHT	348
a8	DC	60	WHT	354
a9	8001/U	90	ORG	1151
a10	8001/U	70	ORG	1021
a11	8001/U	50	ORG	956
a12	8001/U	50	ORG	946
a13	DC	40	WHT	553
a14	DC	40	WHT	530
2A1	8001/U	190	ORG	1552
2A2	8001/U	190	ORG	1538
2A3	8001/U	190	ORG	1450
2A4	8001/U	190	ORG	1402
2A5	8001/U	130	ORG	1195
2A6	8001/U	90	ORG	1173
3A3	8001/U	190	ORG	2249
stab	8001/U	50	ORG	3663
3A1	8001/U	360	ORG	4620
3A2	8001/U	360	ORG	4675
4A3	8001/U	230	ORG	1737

ref.	mat.	kg	color	mm
		B		
b1	DC	60	ORG	384
b2	DC	60	ORG	350
b3	DC	60	ORG	349
b4	DC	60	ORG	373
b5	DC	60	ORG	357
b6	DC	60	ORG	322
b7	DC	60	ORG	325
b8	DC	60	ORG	335

ref.	mat.	kg	color	mm
		C		
c1	DC	60	WHT	298
c2	DC	40	WHT	265
c3	DC	40	WHT	265
c4	DC	60	WHT	285
c5	DC	60	WHT	278
c6	DC	40	WHT	245
c7	DC	40	WHT	250
c8	DC	40	WHT	258
c9	8001/U	50	BLUE	1006
c10	8001/U	50	BLUE	892
c11	8001/U	50	BLUE	856
c12	8001/U	50	BLUE	871
c13	DC	40	WHT	563
c14	DC	40	WHT	569
C1	8001/U	70	BLUE	778
C2	8001/U	70	BLUE	760
C3	8001/U	70	BLUE	708
C4	8001/U	70	BLUE	652
2C1	8001/U	90	BLUE	860
2C2	8001/U	90	BLUE	**861**
2C3	8001/U	90	BLUE	818
2C4	8001/U	90	BLUE	822
2C5	8001/U	70	BLUE	1213
2C6	8001/U	70	BLUE	1180
3C1	8001/U	190	BLUE	4610
3C2	8001/U	190	BLUE	4663
3C3	8001/U	130	BLUE	4090

ref.	mat.	kg	color	mm
		D		
d1	DC	40	WHT	279
d2	DC	40	WHT	250
d3	DC	40	WHT	252
d4	DC	40	WHT	267
d5	DC	40	WHT	264
d6	DC	40	WHT	229
d7	DC	40	WHT	240
d8	DC	40	WHT	239
D9	8001/U	50	BLUE	1087
D10	8001/U	50	BLUE	964
D1	8001/U	50	BLUE	929
D2	8001/U	50	BLUE	907
D3	8001/U	50	BLUE	850
D4	8001/U	50	BLUE	781

ref.	mat.	kg	color	mm
		BRAKE		
br1	DC	40	WHT	834
br2	DC	40	WHT	627
br3	DC	40	WHT	681
br4	DC	40	WHT	750
br5	DC	40	WHT	735
br6	DC	40	WHT	554
br7	DC	40	WHT	602
br8	DC	40	WHT	677
br9	DC	40	WHT	636
br10	DC	40	WHT	513
br11	DC	40	WHT	744
br12	DC	40	WHT	751
br13	DC	40	WHT	848
2BR1	DC	40	WHT	935
2BR2	DC	40	WHT	777
2BR3	DC	40	WHT	717
2BR4	DC	40	WHT	604
2BR5	DC	40	WHT	720
2BR6	DC	40	WHT	430
3BR1	8001/U	50	ORG	3162
3BR2	8001/U	50	ORG	3045
3BR3	8001/U	50	ORG	2872
BRMAIN	TARAX	200	RED	2601
		KNOT POINT:		2401

LINES

ARTIK R 2 - 24

ref.	mat.	kg	color	mm
		A		
a1	DC	60	WHT	423
a2	DC	60	WHT	389
a3	DC	60	WHT	388
a4	DC	60	WHT	410
a5	DC	60	WHT	393
a6	DC	60	WHT	357
a7	DC	60	WHT	359
a8	DC	60	WHT	366
a9	8001/U	90	ORG	1189
a10	8001/U	70	ORG	1054
a11	8001/U	50	ORG	987
a12	8001/U	50	ORG	977
a13	DC	40	WHT	571
a14	DC	40	WHT	547
2A1	8001/U	190	ORG	1602
2A2	8001/U	190	ORG	1590
2A3	8001/U	190	ORG	1497
2A4	8001/U	190	ORG	1448
2A5	8001/U	130	ORG	1234
2A6	8001/U	90	ORG	1212
3A3	8001/U	190	ORG	2323
stab	8001/U	50	ORG	3783
3A1	8001/U	360	ORG	4789
3A2	8001/U	360	ORG	4848
4A3	8001/U	230	ORG	1814

ref.	mat.	kg	color	mm
		B		
b1	DC	60	ORG	396
b2	DC	60	ORG	362
b3	DC	60	ORG	360
b4	DC	60	ORG	385
b5	DC	60	ORG	369
b6	DC	60	ORG	333
b7	DC	60	ORG	336
b8	DC	60	ORG	347

ref.	mat.	kg	color	mm
		C		
c1	DC	60	WHT	307
c2	DC	40	WHT	274
c3	DC	40	WHT	273
c4	DC	60	WHT	295
c5	DC	60	WHT	288
c6	DC	40	WHT	253
c7	DC	40	WHT	258
c8	DC	40	WHT	266
c9	8001/U	50	BLUE	1039
c10	8001/U	50	BLUE	921
c11	8001/U	50	BLUE	884
c12	8001/U	50	BLUE	899
c13	DC	40	WHT	582
c14	DC	40	WHT	587
C1	8001/U	70	BLUE	803
C2	8001/U	70	BLUE	785
C3	8001/U	70	BLUE	731
C4	8001/U	70	BLUE	674
2C1	8001/U	90	BLUE	888
2C2	8001/U	90	BLUE	**891**
2C3	8001/U	90	BLUE	844
2C4	8001/U	90	BLUE	850
2C5	8001/U	70	BLUE	1252
2C6	8001/U	70	BLUE	1218
3C1	8001/U	190	BLUE	4777
3C2	8001/U	190	BLUE	4835
3C3	8001/U	130	BLUE	4245

ref.	mat.	kg	color	mm
		D		
d1	DC	40	WHT	288
d2	DC	40	WHT	258
d3	DC	40	WHT	260
d4	DC	40	WHT	276
d5	DC	40	WHT	272
d6	DC	40	WHT	237
d7	DC	40	WHT	248
d8	DC	40	WHT	247
D9	8001/U	50	BLUE	1122
D10	8001/U	50	BLUE	995
D1	8001/U	50	BLUE	959
D2	8001/U	50	BLUE	936
D3	8001/U	50	BLUE	878
D4	8001/U	50	BLUE	806

ref.	mat.	kg	color	mm
		BRAKE		
br1	DC	40	WHT	860
br2	DC	40	WHT	648
br3	DC	40	WHT	703
br4	DC	40	WHT	775
br5	DC	40	WHT	759
br6	DC	40	WHT	573
br7	DC	40	WHT	622
br8	DC	40	WHT	699
br9	DC	40	WHT	657
br10	DC	40	WHT	530
br11	DC	40	WHT	768
br12	DC	40	WHT	776
br13	DC	40	WHT	876
2BR1	DC	40	WHT	965
2BR2	DC	40	WHT	803
2BR3	DC	40	WHT	740
2BR4	DC	40	WHT	624
2BR5	DC	40	WHT	743
2BR6	DC	40	WHT	445
3BR1	8001/U	50	ORG	3264
3BR2	8001/U	50	ORG	3148
3BR3	8001/U	50	ORG	2970
BRMAIN	TARAX	200	RED	2693
		KNOT POINT:		2493

LINES

ARTIK R 2 - 25

ref.	mat.	kg	color	mm
		A		
a1	DC	60	WHT	436
a2	DC	60	WHT	401
a3	DC	60	WHT	399
a4	DC	60	WHT	423
a5	DC	60	WHT	405
a6	DC	60	WHT	368
a7	DC	60	WHT	370
a8	DC	60	WHT	377
a9	8001/U	90	ORG	1225
a10	8001/U	70	ORG	1087
a11	8001/U	50	ORG	1018
a12	8001/U	50	ORG	1007
a13	DC	40	WHT	589
a14	DC	40	WHT	564
2A1	8001/U	190	ORG	1650
2A2	8001/U	190	ORG	1639
2A3	8001/U	190	ORG	1543
2A4	8001/U	190	ORG	1493
2A5	8001/U	130	ORG	1272
2A6	8001/U	90	ORG	1249
3A3	8001/U	190	ORG	2395
stab	8001/U	50	ORG	3900
3A1	8001/U	360	ORG	4952
3A2	8001/U	360	ORG	5015
4A3	8001/U	230	ORG	1889

ref.	mat.	kg	color	mm
		B		
b1	DC	60	ORG	408
b2	DC	60	ORG	373
b3	DC	60	ORG	371
b4	DC	60	ORG	397
b5	DC	60	ORG	380
b6	DC	60	ORG	343
b7	DC	60	ORG	346
b8	DC	60	ORG	357

ref.	mat.	kg	color	mm
		C		
c1	DC	60	WHT	317
c2	DC	40	WHT	282
c3	DC	40	WHT	281
c4	DC	60	WHT	304
c5	DC	60	WHT	296
c6	DC	40	WHT	261
c7	DC	40	WHT	266
c8	DC	40	WHT	274
c9	8001/U	50	BLUE	1070
c10	8001/U	50	BLUE	949
c11	8001/U	50	BLUE	911
c12	8001/U	50	BLUE	927
c13	DC	40	WHT	599
c14	DC	40	WHT	605
C1	8001/U	70	BLUE	828
C2	8001/U	70	BLUE	809
C3	8001/U	70	BLUE	754
C4	8001/U	70	BLUE	695
2C1	8001/U	90	BLUE	914
2C2	8001/U	90	BLUE	**919**
2C3	8001/U	90	BLUE	870
2C4	8001/U	90	BLUE	877
2C5	8001/U	70	BLUE	1291
2C6	8001/U	70	BLUE	1256
3C1	8001/U	190	BLUE	4937
3C2	8001/U	190	BLUE	4999
3C3	8001/U	130	BLUE	4395

ref.	mat.	kg	color	mm
		D		
d1	DC	40	WHT	297
d2	DC	40	WHT	267
d3	DC	40	WHT	268
d4	DC	40	WHT	284
d5	DC	40	WHT	281
d6	DC	40	WHT	244
d7	DC	40	WHT	255
d8	DC	40	WHT	255
D9	8001/U	50	BLUE	1156
D10	8001/U	50	BLUE	1026
D1	8001/U	50	BLUE	988
D2	8001/U	50	BLUE	964
D3	8001/U	50	BLUE	904
D4	8001/U	50	BLUE	830

ref.	mat.	kg	color	mm
		BRAKE		
br1	DC	40	WHT	886
br2	DC	40	WHT	668
br3	DC	40	WHT	725
br4	DC	40	WHT	799
br5	DC	40	WHT	782
br6	DC	40	WHT	591
br7	DC	40	WHT	641
br8	DC	40	WHT	721
br9	DC	40	WHT	677
br10	DC	40	WHT	547
br11	DC	40	WHT	791
br12	DC	40	WHT	799
br13	DC	40	WHT	903
2BR1	DC	40	WHT	994
2BR2	DC	40	WHT	829
2BR3	DC	40	WHT	762
2BR4	DC	40	WHT	645
2BR5	DC	40	WHT	765
2BR6	DC	40	WHT	459
3BR1	8001/U	50	ORG	3363
3BR2	8001/U	50	ORG	3244
3BR3	8001/U	50	ORG	3062
BRMAIN	TARAX	200	RED	2782
		KNOT POINT:		2582

LINES

ARTIK R 2 - 27

ref.	mat.	kg	color	mm
		A		
a1	DC	60	WHT	448
a2	DC	60	WHT	413
a3	DC	60	WHT	411
a4	DC	60	WHT	435
a5	DC	60	WHT	417
a6	DC	60	WHT	379
a7	DC	60	WHT	380
a8	DC	60	WHT	388
a9	8001/U	90	ORG	1261
a10	8001/U	70	ORG	1118
a11	8001/U	50	ORG	1047
a12	8001/U	50	ORG	1037
a13	DC	40	WHT	606
a14	DC	40	WHT	580
2A1	8001/U	230	ORG	1698
2A2	8001/U	230	ORG	1688
2A3	8001/U	230	ORG	1588
2A4	8001/U	190	ORG	1537
2A5	8001/U	130	ORG	1309
2A6	8001/U	90	ORG	1286
3A3	8001/U	190	ORG	2464
stab	8001/U	90	ORG	4013
3A1	8001/U	470	ORG	5110
3A2	8001/U	360	ORG	5177
4A3	8001/U	230	ORG	1962

ref.	mat.	kg	color	mm
		B		
b1	DC	60	ORG	420
b2	DC	60	ORG	384
b3	DC	60	ORG	382
b4	DC	60	ORG	409
b5	DC	60	ORG	391
b6	DC	60	ORG	353
b7	DC	60	ORG	356
b8	DC	60	ORG	368

ref.	mat.	kg	color	mm
		C		
c1	DC	60	WHT	326
c2	DC	40	WHT	291
c3	DC	40	WHT	289
c4	DC	60	WHT	313
c5	DC	60	WHT	305
c6	DC	40	WHT	268
c7	DC	40	WHT	273
c8	DC	40	WHT	282
c9	8001/U	50	BLUE	1101
c10	8001/U	50	BLUE	977
c11	8001/U	50	BLUE	938
c12	8001/U	50	BLUE	954
c13	DC	40	WHT	617
c14	DC	40	WHT	623
C1	8001/U	90	BLUE	852
C2	8001/U	90	BLUE	833
C3	8001/U	70	BLUE	776
C4	8001/U	70	BLUE	715
2C1	8001/U	130	BLUE	940
2C2	8001/U	130	BLUE	946
2C3	8001/U	130	BLUE	895
2C4	8001/U	130	BLUE	902
2C5	8001/U	70	BLUE	1328
2C6	8001/U	70	BLUE	1293
3C1	8001/U	230	BLUE	5095
3C2	8001/U	230	BLUE	5161
3C3	8001/U	130	BLUE	4541

ref.	mat.	kg	color	mm
		D		
d1	DC	40	WHT	306
d2	DC	40	WHT	274
d3	DC	40	WHT	275
d4	DC	40	WHT	293
d5	DC	40	WHT	289
d6	DC	40	WHT	252
d7	DC	40	WHT	262
d8	DC	40	WHT	262
D9	8001/U	50	WHT	1189
D10	8001/U	50	WHT	1055
D1	8001/U	50	BLUE	1016
D2	8001/U	50	BLUE	992
D3	8001/U	50	BLUE	930
D4	8001/U	50	BLUE	854

ref.	mat.	kg	color	mm
		BRAKE		
br1	DC	40	WHT	911
br2	DC	40	WHT	687
br3	DC	40	WHT	745
br4	DC	40	WHT	822
br5	DC	40	WHT	805
br6	DC	40	WHT	608
br7	DC	40	WHT	659
br8	DC	40	WHT	742
br9	DC	40	WHT	697
br10	DC	40	WHT	563
br11	DC	40	WHT	813
br12	DC	40	WHT	822
br13	DC	40	WHT	929
2BR1	DC	40	WHT	1022
2BR2	DC	40	WHT	854
2BR3	DC	40	WHT	784
2BR4	DC	40	WHT	664
2BR5	DC	40	WHT	786
2BR6	DC	40	WHT	473
3BR1	8001/U	70	ORG	3459
3BR2	8001/U	70	ORG	3339
3BR3	8001/U	70	ORG	3154
BRMAIN	TARAX	200	RED	2869
		KNOT POINT:		2669

LINE MEASUREMENTS

ARTIK R 2 - 20

*Pending confirmation.

RISERS LENGHT MM

A	A'	B	
500	500	500	STANDARD
335	380	500	ACCELERATED

ARTIK R 2 - 21

LINES HEIGHT + RISER MM

	A	B	C	D	br
1	6853	6828	6813	6944	7115
2	6821	6795	6780	6915	6914
3	6805	6779	6762	6895	6813
4	6825	6802	6782	6908	6879
5	6777	6754	6733	6860	6694
6	6743	6720	6700	6826	6518
7	6698	6676	6656	6774	6454
8	6704	6686	6663	6773	6525
9	6612		6579	6661	6430
10	6486		6468	6542	6311
11	6403		6405		6253
12	6393		6419		6259
13	6250		6260		6352
14	6228		6265		

RISERS LENGHT MM

A	A'	B	
500	500	500	STANDARD
335	380	500	ACCELERATED

ARTIK R 2 - 23

LINES HEIGHT + RISER MM

	A	B	C	D	br
1	7093	7068	7051	7186	7375
2	7061	7034	7018	7157	7168
3	7046	7019	7001	7138	7064
4	7067	7043	7021	7153	7133
5	7018	6994	6972	7103	6943
6	6983	6959	6939	7068	6762
7	6937	6914	6892	7014	6697
8	6943	6924	6900	7013	6772
9	6847		6814	6898	6673
10	6717		6700	6775	6550
11	6630		6635		6490
12	6620		6650		6497
13	6473		6483		6594
14	6450		6489		

RISERS LENGHT MM

A	A'	B	
500	500	500	STANDARD
335	380	500	ACCELERATED

ARTIK R 2 - 24

LINES HEIGHT + RISER MM

	A	B	C	D	br
1	7326	7299	7281	7418	7625
2	7292	7265	7248	7388	7413
3	7279	7251	7232	7370	7306
4	7301	7276	7254	7386	7378
5	7250	7226	7204	7335	7183
6	7214	7190	7169	7300	6997
7	7167	7144	7123	7245	6930
8	7174	7155	7131	7244	7007
9	7076		7044	7128	6906
10	6941		6926	7001	6779
11	6852		6857		6718
12	6842		6872		6726
13	6689		6700		6826
14	6665		6705		

RISERS LENGHT MM

A	A'	B	
500	500	500	STANDARD
335	380	500	ACCELERATED

ARTIK R 2 - 25

*Pending confirmation.

RISERS LENGHT MM

A	A'	B	
500	500	500	STANDARD
335	380	500	ACCELERATED

ARTIK R 2 - 27

*Pending confirmation.

RISERS LENGHT MM

A	A'	B	
500	500	500	STANDARD
335	380	500	ACCELERATED

SUSPENSION

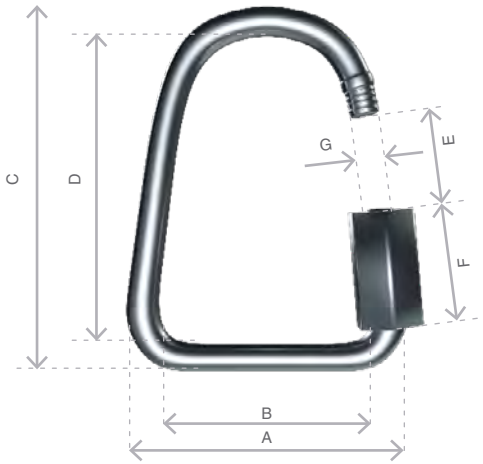
MATERIAL CODE		DC	DC	A-8001/U	A-8001/U	A-8001/U	A-8001/U	A-8001/U	A-8001/U	A-8000/U	A-8001/U	TARAX
STRENGTH CODE		040	060	50	70	90	130	190	230	360	470	200
DIAMETER m/m	ø	0,5	0,6	0,5	0,7	0,8	0,9	1,1	1,1 x 1,4	1,4 X 1,9	1,6 X 2,2	1,7
CORE MATERIAL		DYNEEMA	DYNEEMA	ARAMID	ARAMID	ARAMID	ARAMID	ARAMID	ARAMID	ARAMID	ARAMID	Dyneema
SLEEVE MATERIAL		NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	Polyester
WEIGHT G/M	TOTAL	0,19	0,24	0,25	0,4	0,5	0,8	1,1	1,4	2,1	2,9	2
BREAKING STRENGTH daN	MINIMUM	40	60	50	70	90	130	190	230	360	470	200
	MAXIMUM	48	84							380		
STRENGTH AFTER												
5.000 BENDING	TEST EN	33	74	26	39	49	88	52	69	196,6	-	
CYCLES												
ELONGATION AT	5 daN en %			0,4	0,5	0,4	0,4	0,4	0,3	0,2	0,5	0,1-0,3
	10 daN en %		0,43	0,7	0,7	0,6	0,6	0,6	0,5	0,3	0,6	0,2-0,6
	15 daN en %			1,1	1	0,8	0,8	0,7	0,6	0,4	0,7	0,3-0,7
	20 daN en %			1,5	1,3	1	0,9	0,9	0,7	0,5	0,8	0,3-0,9
	25 daN en %			1,9	1,5	1,3	1	1	0,8	0,6	0,9	0,4-1
	30 daN en %		1,2	3,3	2,8	2,3	1,8	1,6	1,3		1,2	
	75 daN en %				3,7	3,2	3,1	2,7	2,3	1,5	1,6	0,8-1,7
	100 daN en %							2,6	3,6	1,9	1,9	1,2-2
	125 daN en %							3,5	3,3		2,3	
	150 daN en %							4,3	3,6	2,6	2,7	1,6-2,4
	175 daN en %										3,1	
	200 daN en %									3,1	3,2	2-2,8
ELONGATION MAX. BREAKING STRENGTH %			3,2	3,8	3,9	4,3	4	4,4	4,4		5	

MAILLON & PULLEY

DESCRIPTION MAILLON

MAILLON	DELTA
CODE	3.5
MATERIAL	STAINLESS STEEL
SIZE	3 M/M
WEIGHT	5 G/PIECE
QUANTITY	6 PIECES
INSERTS	2 GREEN / 4 BLACK

TECHNICAL SPECIFICATIONS



DIMENSIONS	m/m
A	22
B	14
C	37
D	29
E	5
F	12
G	4

LOAD	KG
WORKING LIMIT	110
BREAKING	550

DESCRIPTION MAILLON

MATERIAL	
AISI 304 STAINLESS STEEL	STANDARD

CLOSING APPLIED BY MANUAL & ENTIRE SCREWING OF THE NUT TO GUARANTEE THE HIGHEST SAFETY (NO THREAD SHOULD BE OBVIOUS)

SYSTEMATIC CONTROL OF MAILLON QUICK-LINKS BEFORE EVERY FLIGHT

DESCRIPTION PULLEY

PULLEY	20 m/m
CODE	RF25109
MATERIALS	STAINLESS STEEL
	NYLON
	CARBON ACETAL
BEARING	DELRIN®
WEIGHT	9 G/PIECE

TECHNICAL SPECIFICATIONS

DIMENSIONS	m/m
A	20
B	32
Ø	6 max
LOAD	KG
WORKING LIMIT	250
BREAKING	550

THREAD

SAIL MAKING	
NAME	SERAFIL
Nº 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

RISERS MAKING	
NAME	COATS BONDED C.F.P.
Nº OF REFERENCE	V138
MATERIAL	POLYESTER
TYPE OF FINISH	SILK
BREAKING STRENGTH	9,5 KG
ELONGATION	19%

RISERS

RISERS	
Nº OF REFERENCE	3455
MATERIAL	POLYESTER & TECHNORA
WIDTH	12 MM
THICKNESS	2,25 MM
BREAKING STRENGTH	1.100 DAN
ELONGATION	MAX. 11%
WEIGTH	21,1 G/M
COLOR	BLACK

COLOR INDICATOR	
Nº OF REFERENCE	IC-G 1-2
MATERIAL	POLYESTER
WIDTH	70 M/M
THICKNESS	0,80 M/M
BREAKING STRENGTH	130 DN
ELONGATION	35 %
WEIGTH	32 G * L.M.
COLOR	GREEN

LOOPS	
Nº OF REFERENCE	LKI - 10
MATERIAL	NYLON
WIDTH	10 M/M
BREAKING STRENGTH	84 KG
ELONGATION	30 %
WEIGTH	5,5 G/M
COLOR	WHITE

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