

JESTER

Technical *specifications*

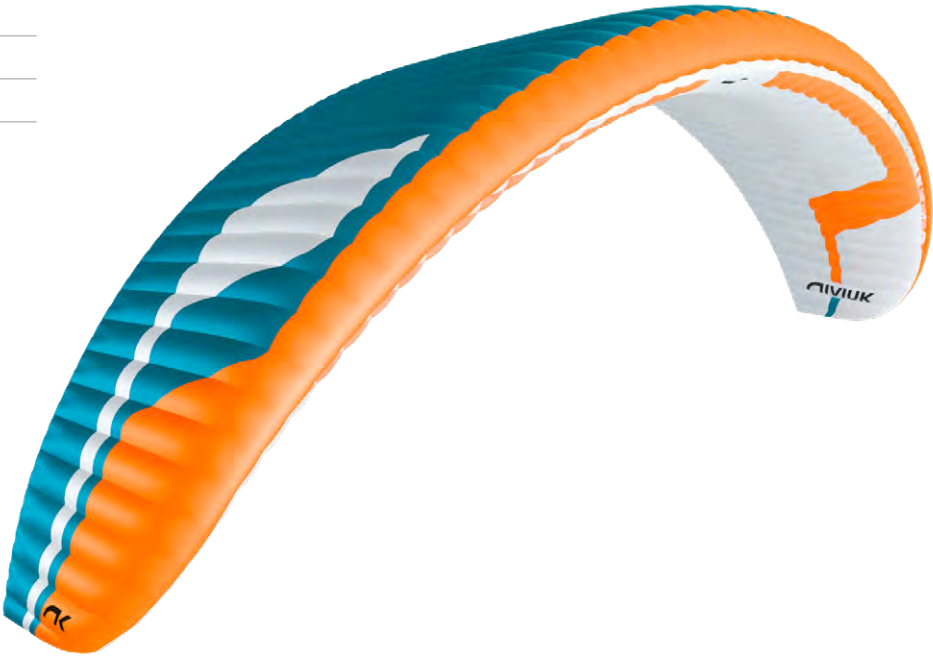


PIVIUK BEYOND
THE GLIDE

TECHNICAL SPECIFICATIONS

			14	16	18	21	24
Cells	Number		53	53	53	53	53
Aspect ratio	Flat		5,50	5,50	5,50	5,50	5,50
	Projected		4,20	4,20	4,20	4,20	4,20
Area	Flat	m2	14	16	18	21	24
	Projected	m2	11,91	13,62	15,32	17,87	20,42
Span	Flat	m	8,78	9,38	9,95	10,75	11,49
Chord	Maximum	m	1,97	2,11	2,24	2,42	2,59
Lines	Total	m	184	198	211	228	245
	Main		3/3/3	3/3/3	3/3/3	3/3/3	3/3/3
Risers	Number		A/B/C	A/B/C	A/B/C	A/B/C	A/B/C
Glider weight		kg	3,29	3,65	3,95	4,50	5,20*
Total weight in flight	Min-Max	kg	Max. 115	Max. 115	Max. 115	Max. 115	Max. 115
Certification			EN 926-1	EN 926-1	EN 926-1	EN 926-1	EN 926-1

* 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.



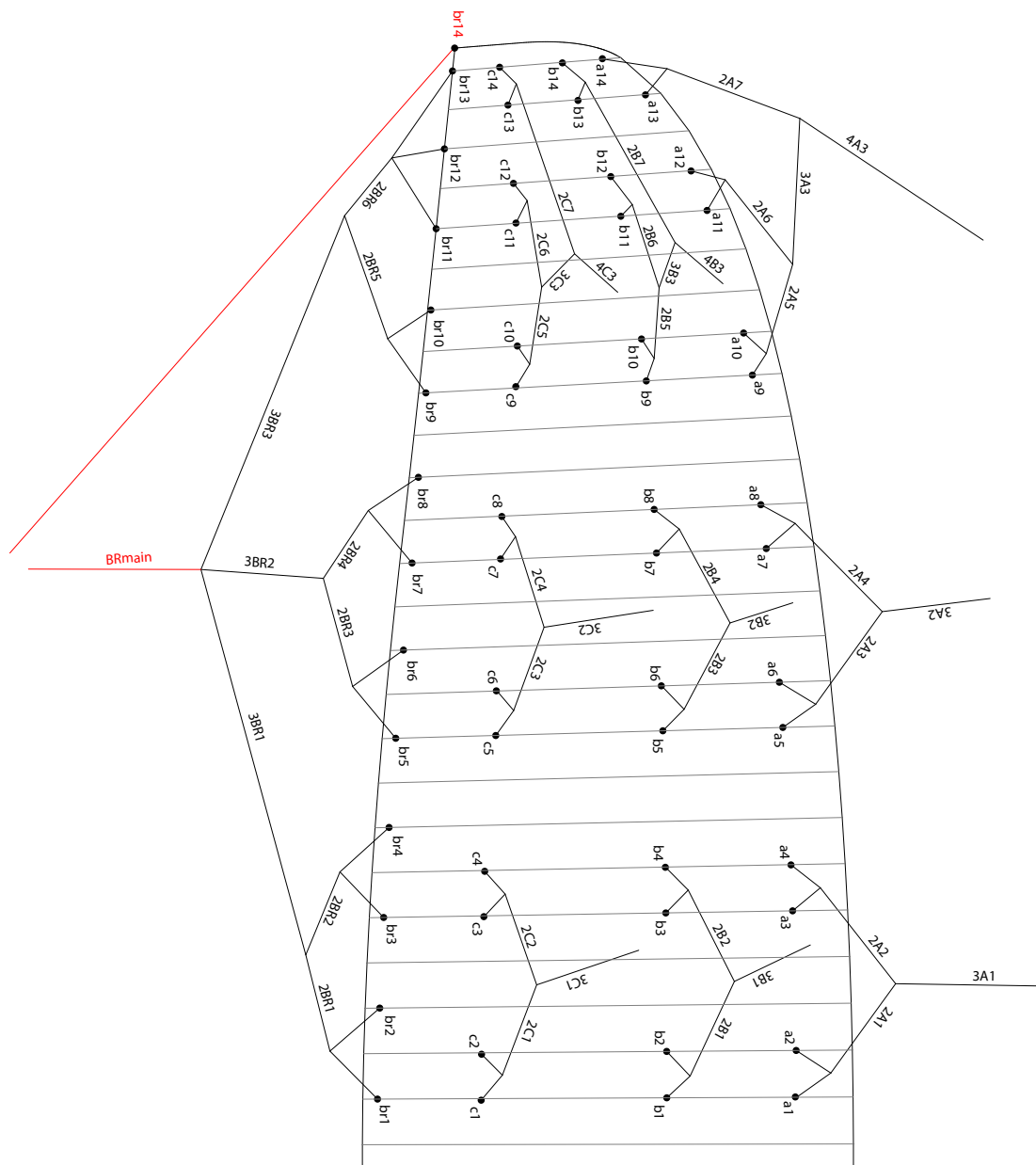
MATERIALS

CANOPY	FABRIC CODE	SUPPLIER
UPPER SURFACE	30 DMF / N20 DMF	DOMINICO TEX CO (KOREA)
BOTTOM SURFACE	2044 32 PS	DOMINICO TEX CO (KOREA)
PROFILES	30 DFM / 2044 32 FM	DOMINICO TEX CO (KOREA)
DIAGONALS	30 DFM / 2044 32 FM	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 REINFORCEMNET	LTN-0.8/1 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	DC - 100	LIROS GMHB (GERMANY)
UPPER CASCADES	PPSL - 120	LIROS GMHB (GERMANY)
MIDDLE CASCADES	MATRIX 80	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)
MAIN	TNL 220	TEIJIM LIMITED (JAPAN)
MAIN	TNL 280	TEIJIM LIMITED (JAPAN)
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:

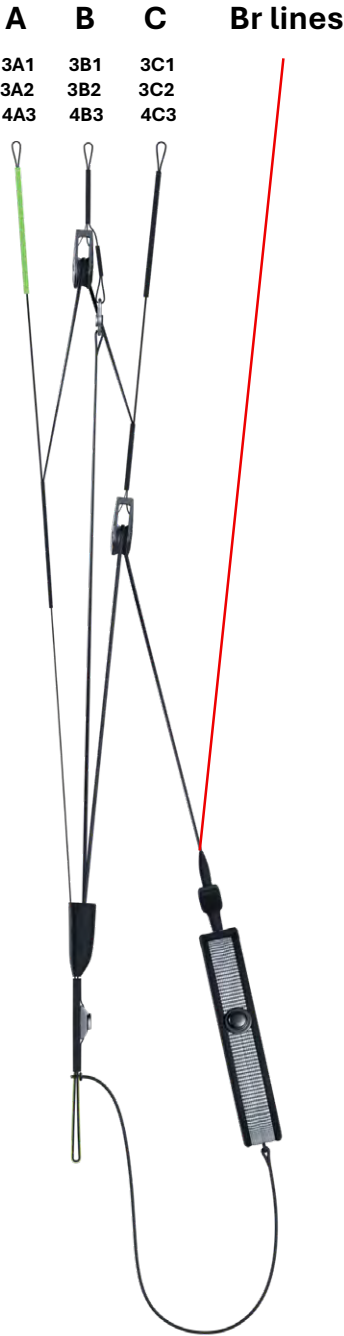
- That the line plan is correct according to the glider model and size.
- That the line kit is complete and correct. Never assume but always check each individual line for the correct specification.

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.

RISER PLAN



COLORS



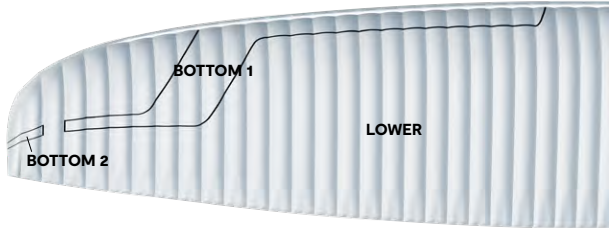
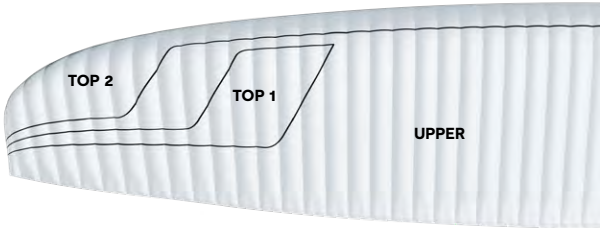
PACIFIC	UPPER	SLATE BLUE	LOWER	WHITE
	TOP 1	WHITE	BOTTOM 1	ORANGE
	TOP 2	ORANGE	BOTTOM 2	SLATE BLUE



BELO	UPPER	SPECTRA GREEN	LOWER	WHITE
	TOP 1	BLACK	BOTTOM 1	DARK GOLD
	TOP 2	DARK GOLD	BOTTOM 2	SPECTRA GREEN



BRICK	UPPER	ORANGE	LOWER	WHITE
	TOP 1	BLACK	BOTTOM 1	DARK BRICK
	TOP 2	DARK BRICK	BOTTOM 2	ORANGE



WING LOAD

JESTER

14			16			18			21			24		
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
40	=	2,86	40	=	2,50	40	=	2,22	40	=	1,90	40	=	1,67
45	=	3,21	41	=	2,56	41	=	2,28	41	=	1,95	41	=	1,71
50	=	3,57	42	=	2,63	42	=	2,33	42	=	2,00	42	=	1,75
55	=	3,93	43	=	2,69	43	=	2,39	43	=	2,05	43	=	1,79
60	=	4,29	44	=	2,75	44	=	2,44	44	=	2,10	44	=	1,83
65	=	4,64	45	=	2,81	45	=	2,50	45	=	2,14	45	=	1,88
70	=	5,00	46	=	2,88	46	=	2,56	46	=	2,19	46	=	1,92
75	=	5,36	47	=	2,94	47	=	2,61	47	=	2,24	47	=	1,96
80	=	5,71	48	=	3,00	48	=	2,67	48	=	2,29	48	=	2,00
85	=	6,07	49	=	3,06	49	=	2,72	49	=	2,33	49	=	2,04
90	=	6,43	50	=	3,13	50	=	2,78	50	=	2,38	50	=	2,08
95	=	6,79	51	=	3,19	51	=	2,83	51	=	2,43	51	=	2,13
100	=	7,14	52	=	3,25	52	=	2,89	52	=	2,48	52	=	2,17
105	=	7,50	53	=	3,31	53	=	2,94	53	=	2,52	53	=	2,21
110	=	7,86	54	=	3,38	54	=	3,00	54	=	2,57	54	=	2,25
115	=	8,21	55	=	3,44	55	=	3,06	55	=	2,62	55	=	2,29

LINES

JESTER 14

REF.	MAT.	kg	COLOR	mm	REF.	MAT.	kg	COLOR	mm	REF.	MAT.	kg	COLOR	mm	REF.	MAT.	kg	COLOR	mm
A					B					C					BRAKE				
a1	DC	100	WHT	245	b1	DC	60	WHT	242	c1	DC	40	WHT	245	br1	MATRIX	80	RED	534
a2	DC	60	WHT	203	b2	DC	60	WHT	200	c2	DC	40	WHT	191	br2	MATRIX	80	RED	306
a3	DC	60	WHT	222	b3	DC	60	WHT	219	c3	DC	40	WHT	212	br3	MATRIX	80	RED	456
a4	DC	60	WHT	232	b4	DC	60	WHT	229	c4	DC	40	WHT	236	br4	MATRIX	80	RED	458
a5	DC	60	WHT	238	b5	DC	60	WHT	233	c5	DC	40	WHT	238	br5	MATRIX	80	RED	486
a6	DC	60	WHT	197	b6	DC	40	WHT	196	c6	DC	40	WHT	187	br6	MATRIX	80	RED	347
a7	DC	60	WHT	214	b7	DC	40	WHT	208	c7	DC	40	WHT	204	br7	MATRIX	80	RED	419
a8	DC	60	WHT	219	b8	DC	60	WHT	216	c8	DC	40	WHT	223	br8	MATRIX	80	RED	448
a9	DC	60	WHT	251	b9	DC	60	WHT	245	c9	DC	40	WHT	246	br9	MATRIX	80	RED	450
a10	DC	60	WHT	204	b10	DC	40	WHT	201	c10	DC	40	WHT	201	br10	MATRIX	80	RED	355
a11	DC	60	WHT	257	b11	DC	40	WHT	199	c11	DC	40	WHT	198	br11	MATRIX	80	RED	678
a12	DC	60	WHT	256	b12	DC	60	WHT	205	c12	DC	40	WHT	201	br12	MATRIX	80	RED	673
a13	DC	60	WHT	378	b13	DC	60	WHT	323	c13	DC	60	WHT	293	br13	MATRIX	80	RED	768
a14	DC	60	WHT	376	b14	DC	60	WHT	323	c14	DC	60	WHT	284	br14	PPSL	120	RED	4490
2A1	8001/U	130	ORG	1477	2B1	8001/U	130	BLUE	1455	2C1	8001/U	90	BLUE	1058	2BR1	Matrix	80	Red	727
2A2	8001/U	130	ORG	1409	2B2	8001/U	130	BLUE	1389	2C2	8001/U	90	BLUE	988	2BR2	MATRIX	80	RED	478
2A3	8001/U	130	ORG	1420	2B3	8001/U	130	BLUE	1391	2C3	8001/U	70	BLUE	1015	2BR3	MATRIX	80	RED	731
2A4	8001/U	90	ORG	1348	2B4	8001/U	90	BLUE	1330	2C4	8001/U	70	BLUE	947	2BR4	MATRIX	80	RED	594
2A5	8001/U	70	ORG	1319	2B5	8001/U	130	BLUE	1266	2C5	8001/U	70	BLUE	1267	2BR5	MATRIX	80	RED	799
2A6	8001/U	70	ORG	1166	2B6	8001/U	90	BLUE	1185	2C6	8001/U	70	BLUE	1184	2BR6	MATRIX	80	RED	425
2A7	8001/U	70	ORG	2414	2B7	8001/U	50	BLUE	2348	2C7	8001/U	70	BLUE	2304	3BR1	MATRIX	80	RED	2677
3A3	8001/U	190	ORG	1476	3B3	8001/U	90	BLUE	1372	3C3	8001/U	130	BLUE	1308	3BR2	MATRIX	80	RED	2311
															3BR3	MATRIX	80	RED	2038
3A1	TNL	280	GREEN	3126	3B1	TNL	280	BLUE	3079	3C1	TNL	220	BLUE	3573	BRMAIN	TARAX	200	RED	1645
3A2	TNL	280	GREEN	3054	3B2	TNL	220	BLUE	3021	3C2	TNL	220	BLUE	3486	POINT AT:		1445		
4A3	TNL	280	GREEN	1492	4B3	TNL	220	BLUE	1613	4C3	TNL	220	BLUE	1736					

LINES

JESTER 16

REF.	MAT.	kg	COLOR	mm	REF.	MAT.	kg	COLOR	mm	REF.	MAT.	kg	COLOR	mm	REF.	MAT.	kg	COLOR	mm
A					B					C					BRAKE				
a1	DC	100	WHT	262	b1	DC	60	WHT	258	c1	DC	40	WHT	262	br1	MATRIX	80	RED	571
a2	DC	60	WHT	218	b2	DC	60	WHT	214	c2	DC	40	WHT	205	br2	MATRIX	80	RED	328
a3	DC	60	WHT	238	b3	DC	60	WHT	234	c3	DC	40	WHT	227	br3	MATRIX	80	RED	487
a4	DC	60	WHT	248	b4	DC	60	WHT	245	c4	DC	40	WHT	252	br4	MATRIX	80	RED	490
a5	DC	60	WHT	254	b5	DC	60	WHT	249	c5	DC	40	WHT	254	br5	MATRIX	80	RED	519
a6	DC	60	WHT	210	b6	DC	40	WHT	208	c6	DC	40	WHT	199	br6	MATRIX	80	RED	370
a7	DC	60	WHT	229	b7	DC	40	WHT	223	c7	DC	40	WHT	218	br7	MATRIX	80	RED	449
a8	DC	60	WHT	234	b8	DC	60	WHT	230	c8	DC	40	WHT	238	br8	MATRIX	80	RED	478
a9	DC	60	WHT	269	b9	DC	60	WHT	262	c9	DC	40	WHT	263	br9	MATRIX	80	RED	481
a10	DC	60	WHT	216	b10	DC	40	WHT	213	c10	DC	40	WHT	213	br10	MATRIX	80	RED	377
a11	DC	60	WHT	276	b11	DC	40	WHT	214	c11	DC	40	WHT	213	br11	MATRIX	80	RED	730
a12	DC	60	WHT	272	b12	DC	60	WHT	218	c12	DC	40	WHT	214	br12	MATRIX	80	RED	721
a13	DC	60	WHT	405	b13	DC	60	WHT	346	c13	DC	60	WHT	315	br13	MATRIX	80	RED	818
a14	DC	60	WHT	401	b14	DC	60	WHT	344	c14	DC	60	WHT	302	br14	PPSL	120	RED	4796
2A1	8001/U	130	ORG	1578	2B1	8001/U	130	BLUE	1553	2C1	8001/U	90	BLUE	1130	2BR1	Matrix	80	Red	776
2A2	8001/U	130	ORG	1507	2B2	8001/U	130	BLUE	1486	2C2	8001/U	90	BLUE	1057	2BR2	MATRIX	80	RED	512
2A3	8001/U	130	ORG	1518	2B3	8001/U	130	BLUE	1488	2C3	8001/U	70	BLUE	1086	2BR3	MATRIX	80	RED	782
2A4	8001/U	90	ORG	1438	2B4	8001/U	90	BLUE	1419	2C4	8001/U	70	BLUE	1009	2BR4	MATRIX	80	RED	632
2A5	8001/U	70	ORG	1410	2B5	8001/U	130	BLUE	1355	2C5	8001/U	70	BLUE	1356	2BR5	MATRIX	80	RED	858
2A6	8001/U	70	ORG	1237	2B6	8001/U	90	BLUE	1258	2C6	8001/U	70	BLUE	1258	2BR6	MATRIX	80	RED	447
2A7	8001/U	70	ORG	2563	2B7	8001/U	50	BLUE	2493	2C7	8001/U	70	BLUE	2446	3BR1	MATRIX	80	RED	2865
3A3	8001/U	190	ORG	1576	3B3	8001/U	90	BLUE	1465	3C3	8001/U	130	BLUE	1397	3BR2	MATRIX	80	RED	2471
															3BR3	MATRIX	80	RED	2170
3A1	TNL	280	GREEN	3379	3B1	TNL	280	BLUE	3329	3C1	TNL	220	BLUE	3857	BRMAIN	TARAX	200	RED	1778
3A2	TNL	280	GREEN	3301	3B2	TNL	220	BLUE	3266	3C2	TNL	220	BLUE	3763	POINT AT:		1578		
4A3	TNL	280	GREEN	1624	4B3	TNL	220	BLUE	1753	4C3	TNL	220	BLUE	1884					

LINES

JESTER 18

REF.	MAT.	kg	COLOR	mm	REF.	MAT.	kg	COLOR	mm	REF.	MAT.	kg	COLOR	mm	REF.	MAT.	kg	COLOR	mm
A					B					C					BRAKE				
a1	DC	100	WHT	280	b1	DC	60	WHT	276	c1	DC	40	WHT	280	br1	MATRIX	80	RED	612
a2	DC	60	WHT	233	b2	DC	60	WHT	230	c2	DC	40	WHT	220	br2	MATRIX	80	RED	352
a3	DC	60	WHT	254	b3	DC	60	WHT	250	c3	DC	40	WHT	243	br3	MATRIX	80	RED	521
a4	DC	60	WHT	265	b4	DC	60	WHT	262	c4	DC	40	WHT	269	br4	MATRIX	80	RED	524
a5	DC	60	WHT	272	b5	DC	60	WHT	267	c5	DC	40	WHT	272	br5	MATRIX	80	RED	556
a6	DC	60	WHT	224	b6	DC	40	WHT	222	c6	DC	40	WHT	212	br6	MATRIX	80	RED	395
a7	DC	60	WHT	246	b7	DC	40	WHT	240	c7	DC	40	WHT	234	br7	MATRIX	80	RED	482
a8	DC	60	WHT	249	b8	DC	60	WHT	246	c8	DC	40	WHT	254	br8	MATRIX	80	RED	510
a9	DC	60	WHT	288	b9	DC	60	WHT	280	c9	DC	40	WHT	282	br9	MATRIX	80	RED	515
a10	DC	60	WHT	229	b10	DC	40	WHT	226	c10	DC	40	WHT	226	br10	MATRIX	80	RED	401
a11	DC	60	WHT	296	b11	DC	40	WHT	230	c11	DC	40	WHT	229	br11	MATRIX	80	RED	786
a12	DC	60	WHT	289	b12	DC	60	WHT	232	c12	DC	40	WHT	227	br12	MATRIX	80	RED	772
a13	DC	60	WHT	433	b13	DC	60	WHT	371	c13	DC	60	WHT	338	br13	MATRIX	80	RED	872
a14	DC	60	WHT	426	b14	DC	60	WHT	366	c14	DC	60	WHT	321	br14	PPSL	120	RED	5126
2A1	8001/U	130	ORG	1688	2B1	8001/U	130	BLUE	1662	2C1	8001/U	90	BLUE	1208	2BR1	Matrix	80	Red	830
2A2	8001/U	130	ORG	1614	2B2	8001/U	130	BLUE	1591	2C2	8001/U	90	BLUE	1132	2BR2	MATRIX	80	RED	549
2A3	8001/U	130	ORG	1626	2B3	8001/U	130	BLUE	1593	2C3	8001/U	70	BLUE	1164	2BR3	MATRIX	80	RED	839
2A4	8001/U	90	ORG	1535	2B4	8001/U	90	BLUE	1515	2C4	8001/U	70	BLUE	1076	2BR4	MATRIX	80	RED	674
2A5	8001/U	70	ORG	1509	2B5	8001/U	130	BLUE	1451	2C5	8001/U	70	BLUE	1452	2BR5	MATRIX	80	RED	922
2A6	8001/U	70	ORG	1313	2B6	8001/U	90	BLUE	1337	2C6	8001/U	70	BLUE	1337	2BR6	MATRIX	80	RED	470
2A7	8001/U	70	ORG	2720	2B7	8001/U	50	BLUE	2647	2C7	8001/U	70	BLUE	2599	3BR1	MATRIX	80	RED	3068
3A3	8001/U	190	ORG	1681	3B3	8001/U	90	BLUE	1565	3C3	8001/U	130	BLUE	1493	3BR2	MATRIX	80	RED	2646
															3BR3	MATRIX	80	RED	2313
3A1	TNL	280	GREEN	3656	3B1	TNL	280	BLUE	3603	3C1	TNL	220	BLUE	4166	BRMAIN	TARAX	200	RED	1921
3A2	TNL	280	GREEN	3571	3B2	TNL	220	BLUE	3534	3C2	TNL	220	BLUE	4064	POINT AT:		1721		
4A3	TNL	280	GREEN	1772	4B3	TNL	220	BLUE	1906	4C3	TNL	220	BLUE	2045					

LINES

JESTER 21

REF.	MAT.	kg	COLOR	mm	REF.	MAT.	kg	COLOR	mm	REF.	MAT.	kg	COLOR	mm	REF.	MAT.	kg	COLOR	mm
A					B					C					BRAKE				
a1	DC	100	WHT	300	b1	DC	60	WHT	295	c1	DC	40	WHT	300	br1	MATRIX	80	RED	655
a2	DC	60	WHT	251	b2	DC	60	WHT	247	c2	DC	40	WHT	236	br2	MATRIX	80	RED	378
a3	DC	60	WHT	271	b3	DC	60	WHT	267	c3	DC	40	WHT	259	br3	MATRIX	80	RED	557
a4	DC	60	WHT	285	b4	DC	60	WHT	281	c4	DC	40	WHT	289	br4	MATRIX	80	RED	562
a5	DC	60	WHT	291	b5	DC	60	WHT	286	c5	DC	40	WHT	291	br5	MATRIX	80	RED	595
a6	DC	60	WHT	241	b6	DC	40	WHT	238	c6	DC	40	WHT	227	br6	MATRIX	80	RED	424
a7	DC	60	WHT	263	b7	DC	40	WHT	256	c7	DC	40	WHT	251	br7	MATRIX	80	RED	515
a8	DC	60	WHT	267	b8	DC	60	WHT	263	c8	DC	40	WHT	272	br8	MATRIX	80	RED	547
a9	DC	60	WHT	308	b9	DC	60	WHT	300	c9	DC	40	WHT	302	br9	MATRIX	80	RED	551
a10	DC	60	WHT	245	b10	DC	40	WHT	242	c10	DC	40	WHT	241	br10	MATRIX	80	RED	430
a11	DC	60	WHT	317	b11	DC	40	WHT	246	c11	DC	40	WHT	245	br11	MATRIX	80	RED	840
a12	DC	60	WHT	310	b12	DC	60	WHT	248	c12	DC	40	WHT	243	br12	MATRIX	80	RED	826
a13	DC	60	WHT	465	b13	DC	60	WHT	398	c13	DC	60	WHT	361	br13	MATRIX	80	RED	935
a14	DC	60	WHT	458	b14	DC	60	WHT	392	c14	DC	60	WHT	344	br14	PPSL	120	RED	5574
2A1	8001/U	130	ORG	1805	2B1	8001/U	130	BLUE	1777	2C1	8001/U	90	BLUE	1291	2BR1	Matrix	80	Red	886
2A2	8001/U	130	ORG	1730	2B2	8001/U	130	BLUE	1705	2C2	8001/U	90	BLUE	1214	2BR2	MATRIX	80	RED	589
2A3	8001/U	130	ORG	1740	2B3	8001/U	130	BLUE	1704	2C3	8001/U	70	BLUE	1245	2BR3	MATRIX	80	RED	897
2A4	8001/U	90	ORG	1645	2B4	8001/U	90	BLUE	1622	2C4	8001/U	70	BLUE	1153	2BR4	MATRIX	80	RED	724
2A5	8001/U	70	ORG	1616	2B5	8001/U	130	BLUE	1553	2C5	8001/U	70	BLUE	1554	2BR5	MATRIX	80	RED	986
2A6	8001/U	70	ORG	1406	2B6	8001/U	90	BLUE	1432	2C6	8001/U	70	BLUE	1431	2BR6	MATRIX	80	RED	506
2A7	8001/U	70	ORG	2915	2B7	8001/U	50	BLUE	2836	2C7	8001/U	70	BLUE	2783	3BR1	MATRIX	80	RED	3280
3A3	8001/U	190	ORG	1803	3B3	8001/U	90	BLUE	1676	3C3	8001/U	130	BLUE	1598	3BR2	MATRIX	80	RED	2833
															3BR3	MATRIX	80	RED	2482
3A1	TNL	280	GREEN	3951	3B1	TNL	280	BLUE	3894	3C1	TNL	220	BLUE	4498	BRMAIN	TARAX	200	RED	2087
3A2	TNL	280	GREEN	3867	3B2	TNL	220	BLUE	3827	3C2	TNL	220	BLUE	4395	POINT AT:		1887		
4A3	TNL	280	GREEN	1939	4B3	TNL	220	BLUE	2086	4C3	TNL	220	BLUE	2237					

LINES

JESTER 24

REF.	MAT.	kg	COLOR	mm	REF.	MAT.	kg	COLOR	mm	REF.	MAT.	kg	COLOR	mm	REF.	MAT.	kg	COLOR	mm
A					B					C					BRAKE				
a1	DC	100	WHT	320	b1	DC	60	WHT	315	c1	DC	40	WHT	321	br1	MATRIX	80	RED	700
a2	DC	60	WHT	269	b2	DC	60	WHT	265	c2	DC	40	WHT	253	br2	MATRIX	80	RED	405
a3	DC	60	WHT	290	b3	DC	60	WHT	285	c3	DC	40	WHT	276	br3	MATRIX	80	RED	595
a4	DC	60	WHT	305	b4	DC	60	WHT	301	c4	DC	40	WHT	309	br4	MATRIX	80	RED	601
a5	DC	60	WHT	311	b5	DC	60	WHT	305	c5	DC	40	WHT	311	br5	MATRIX	80	RED	636
a6	DC	60	WHT	258	b6	DC	40	WHT	255	c6	DC	40	WHT	244	br6	MATRIX	80	RED	454
a7	DC	60	WHT	281	b7	DC	40	WHT	274	c7	DC	40	WHT	268	br7	MATRIX	80	RED	550
a8	DC	60	WHT	286	b8	DC	60	WHT	282	c8	DC	40	WHT	291	br8	MATRIX	80	RED	585
a9	DC	60	WHT	329	b9	DC	60	WHT	321	c9	DC	40	WHT	322	br9	MATRIX	80	RED	589
a10	DC	60	WHT	262	b10	DC	40	WHT	258	c10	DC	40	WHT	258	br10	MATRIX	80	RED	461
a11	DC	60	WHT	339	b11	DC	40	WHT	263	c11	DC	40	WHT	262	br11	MATRIX	80	RED	896
a12	DC	60	WHT	331	b12	DC	60	WHT	265	c12	DC	40	WHT	260	br12	MATRIX	80	RED	883
a13	DC	60	WHT	497	b13	DC	60	WHT	425	c13	DC	60	WHT	386	br13	MATRIX	80	RED	1000
a14	DC	60	WHT	489	b14	DC	60	WHT	420	c14	DC	60	WHT	367	br14	PPSL	120	RED	5991
2A1	8001/U	130	ORG	1928	2B1	8001/U	130	BLUE	1898	2C1	8001/U	90	BLUE	1379	2BR1	Matrix	80	Red	946
2A2	8001/U	130	ORG	1852	2B2	8001/U	130	BLUE	1826	2C2	8001/U	90	BLUE	1301	2BR2	MATRIX	80	RED	631
2A3	8001/U	130	ORG	1859	2B3	8001/U	130	BLUE	1821	2C3	8001/U	70	BLUE	1330	2BR3	MATRIX	80	RED	957
2A4	8001/U	90	ORG	1760	2B4	8001/U	90	BLUE	1736	2C4	8001/U	70	BLUE	1235	2BR4	MATRIX	80	RED	776
2A5	8001/U	70	ORG	1727	2B5	8001/U	130	BLUE	1660	2C5	8001/U	70	BLUE	1661	2BR5	MATRIX	80	RED	1052
2A6	8001/U	70	ORG	1503	2B6	8001/U	90	BLUE	1531	2C6	8001/U	70	BLUE	1530	2BR6	MATRIX	80	RED	544
2A7	8001/U	70	ORG	3116	2B7	8001/U	50	BLUE	3032	2C7	8001/U	70	BLUE	2975	3BR1	MATRIX	80	RED	3503
3A3	8001/U	190	ORG	1928	3B3	8001/U	90	BLUE	1792	3C3	8001/U	130	BLUE	1708	3BR2	MATRIX	80	RED	3029
															3BR3	MATRIX	80	RED	2660
3A1	TNL	280	GREEN	4262	3B1	TNL	280	BLUE	4201	3C1	TNL	220	BLUE	4847	BRMAIN	TARAX	200	RED	2260
3A2	TNL	280	GREEN	4178	3B2	TNL	220	BLUE	4136	3C2	TNL	220	BLUE	4743	POINT AT:				2060
4A3	TNL	280	GREEN	2120	4B3	TNL	220	BLUE	2277	4C3	TNL	220	BLUE	2439					

LINE MEASUREMENTS

JESTER - 14

LINES HEIGHT + RISERS mm				
	A	B	C	br
1	4834	4765	4868	5373
2	4792	4723	4814	5145
3	4743	4676	4765	5046
4	4753	4686	4789	5048
5	4701	4635	4726	4963
6	4660	4598	4675	4824
7	4608	4552	4624	4759
8	4613	4560	4643	4788
9	4521	4486	4544	4722
10	4474	4442	4499	4627
11	4374	4362	4413	4576
12	4373	4368	4416	4571
13	4277	4279	4329	4666
14	4275	4279	4320	4490

RISERS LENGHT mm				
A	B	C		
670	535	405	BRAKE	
670	670	670	STANDARD	
670	765	860	ACCELERATED	

JESTER - 16

LINES HEIGHT + RISERS mm				
	A	B	C	br
1	5205	5129	5241	5780
2	5161	5085	5184	5537
3	5110	5038	5133	5432
4	5120	5049	5158	5435
5	5062	4993	5090	5340
6	5018	4952	5035	5191
7	4960	4901	4977	5120
8	4965	4908	4997	5149
9	4862	4825	4887	5077
10	4809	4776	4837	4973
11	4696	4683	4739	4915
12	4692	4687	4740	4906
13	4585	4587	4641	5003
14	4581	4585	4628	4796

RISERS LENGHT mm				
A	B	C		
670	535	405	BRAKE	
670	670	670	STANDARD	
670	765	860	ACCELERATED	

JESTER - 18

LINES HEIGHT + RISERS mm				
	A	B	C	br
1	5610	5530	5646	6221
2	5563	5484	5586	5961
3	5510	5433	5533	5849
4	5521	5445	5559	5852
5	5458	5384	5487	5752
6	5410	5339	5427	5591
7	5344	5282	5361	5513
8	5347	5288	5381	5541
9	5233	5192	5259	5461
10	5174	5138	5203	5347
11	5045	5031	5091	5280
12	5038	5033	5089	5266
13	4918	4919	4978	5366
14	4911	4914	4961	4916

RISERS LENGHT mm				
A	B	C		
670	535	405	BRAKE	
670	670	670	STANDARD	
670	765	860	ACCELERATED	

LINE MEASUREMENTS

JESTER - 21

LINES HEIGHT + RISERS mm				
	A	B	C	br
1	6042	5954	6082	6699
2	5993	5906	6018	6422
3	5939	5855	5964	6303
4	5952	5869	5993	6307
5	5886	5807	5918	6201
6	5836	5760	5854	6030
7	5767	5699	5786	5949
8	5770	5706	5807	5980
9	5650	5605	5678	5895
10	5586	5547	5618	5775
11	5449	5433	5499	5704
12	5442	5435	5496	5691
13	5312	5314	5377	5799
14	5305	5309	5360	5574

RISERS LENGHT mm				
	A	B	C	
	670	535	405	BRAKE
	670	670	670	STANDARD
	670	765	860	ACCELERATED

JESTER - 24

LINES HEIGHT + RISERS mm				
	A	B	C	br
1	6496	6402	6539	7198
2	6445	6352	6471	6903
3	6390	6300	6416	6778
4	6405	6316	6449	6784
5	6337	6252	6371	6672
6	6284	6202	6303	6490
7	6211	6138	6232	6405
8	6216	6147	6255	6440
9	6088	6040	6118	6350
10	6020	5978	6054	6222
11	5873	5856	5927	6149
12	5866	5858	5924	6136
13	5727	5729	5796	6253
14	5719	5723	5777	5991

RISERS LENGHT mm				
	A	B	C	
	670	535	405	BRAKE
	670	670	670	STANDARD
	670	765	860	ACCELERATED

SUSPENSION

MATERIAL CODE		MATRIX	PPSL	TNL	TNL	DC	DC	DC	A-8001/U	A-8001/U	A-8001/U	A-8001/U	A-8001/U	TARAX
STRENGTH CODE		80	120	220	280	040	060	100	50	70	90	130	190	200
DIAMETER m/m	ø	0,9	1,15	1,6	1.8	0,5	0,6	0,8	0.5	0.7	0.8	0.9	1,1	1.7
CORE MATERIAL		Dyneema	Dyneema	Technora	Technora	Dyneema	Dyneema	Dyneema	ARAMID	ARAMID	ARAMID	ARAMID	ARAMID	Dyneema
SLEEVE MATERIAL		Polyester	Polyester	Polyester	Polyester	NO	NO	NO	NO	NO	NO	NO	NO	Polyester
WEIGHT G/M	TOTAL	0.7	1	1.6	2.7	0.19	0.24	0.42	0.25	0.4	0.5	0.8	1.1	2
BREAKING STRENGTH daN	MINIMUM	80	120	220	280	40	60	100	50	70	90	130	190	200
	MAXIMUM		159	250	320	48	84	110						
STRENGTH AFTER														
5.000 BENDING	TEST EN		135	114.2	134.7	33	74	99	26	39	49	88	52	
CYCLES														
ELONGATION AT	5 daN en %	0,1-0,4		0.2	0.2				0.4	0.5	0.4	0.4	0.4	0,1-0,3
	10 daN en %		0.2	0.3	0.3		0.43	0.36	0.7	0.7	0.6	0.6	0.6	0,2-0,6
	15 daN en %			0.5	0.4				1.1	1	0.8	0.8	0.7	0,3-0,7
	20 daN en %			0.6	0.4				1.5	1.3	1	0.9	0.9	0,3-0,9
	25 daN en %	0,8-1		0.7	0.5				1.9	1.5	1.3	1	1	0,4-1
	30 daN en %		0.6	1.2	0.9		1.2	1	3.3	2.8	2.3	1.8	1.6	
	75 daN en %	2,5-2,8		1.8	1.3					3.7	3.2	3.1	2.7	0,8-1,7
	100 daN en %			2.2	1.7								2.6	1,2-2
	125 daN en %			2.7	2								3.5	
	150 daN en %			3	2.3								4.3	1,6-2,4
	175 daN en %			3.3	2.7									
	200 daN en %			3.8	2.8									2-2,8
ELONGATION MAX. BREAKING STRENGTH %			2	4	4.1		3.2	3.4	3.8	3.9	4.3	4	4.4	

MAILLON & PULLEY

DESCRIPTION		
	MAILLON	DELTA
	CODE	3.5
	MATERIAL	STAINLESS STEEL
	SIZE	3 m/m
	WEIGHT	5 G/PIECE
	QUANTITY	8 PIECES
	INSERTS	4 GREEN / 4 BLACK

TECHNICAL SPECIFICATIONS	
	DIMENSIONS m/m
	A 37
	B 29
	C 14
	D 22
	E 4
	F 5
	G 12
	LOAD KG
	WORKING LIMIT 110
	BREAKING 550

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

TECHNICAL SPECIFICATIONS	
	DIMENSIONS m/m
	A 33
	B 20
	Ø 5 MAX
	LOAD KG
	WORKING LIMIT 200
	BREAKING 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%

PROPIETIES 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 mm
THICKNESS	0,80 mm
BREAKING STRENGTH	130 DN
ELONGATION	35 %
WEIGHT	32 G * L.M.
COLOR	GREEN

LOOPS

N° OF REFERENCE	LKI - 12
MATERIAL	NYLON
WIDTH	12 mm
BREAKING STRENGTH	84 kg
COLOR	WHITE



Niviuk Paragliders

C/ Del Ter 6 - nave D

17165 La Cellera de Ter - Girona - Spain

+34 972 422 878 | info@niviuk.com

www.niviuk.com