

QUBIK 2

Technical *specifications*



TECHNICAL SPECIFICATIONS

			21	23	25	27
Cells	Number		55	55	55	55
Aspect ratio	Flat		5,5	5,5	5,5	5,5
	Projected		4,32	4,32	4,32	4,32
Area	Flat	m2	21	23	25,5	27,5
	Projected	m2	18,27	20,01	22,19	23,93
Span	Flat	m	10,75	11,25	11,84	12,30
Chord	Max	m	2,41	2,52	2,66	2,76
Lines	Total	m	269	282	298	310
	Main		2+1/4/1+2	2+1/4/1+2	2+1/4/1+2	2+1/4/1+2
Risers	Number	3+2	A+A'/B/C'+C	A+A'/B/C'+C	A+A'/B/C'+C	A+A'/B/C'+C
	Speed-bar	mm	100	100	100	100
	Trimmers	mm	150	150	150	150
Glider weight		kg	4,76	5,00	5,46	5,74
Total weight in flight	Min-Max	kg	70-120	80-140	100-160	110-179
Identification/Certification			DGAC/EN 926-1	DGAC/EN 926-1	DGAC/EN 926-1	DGAC/EN 926-1

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



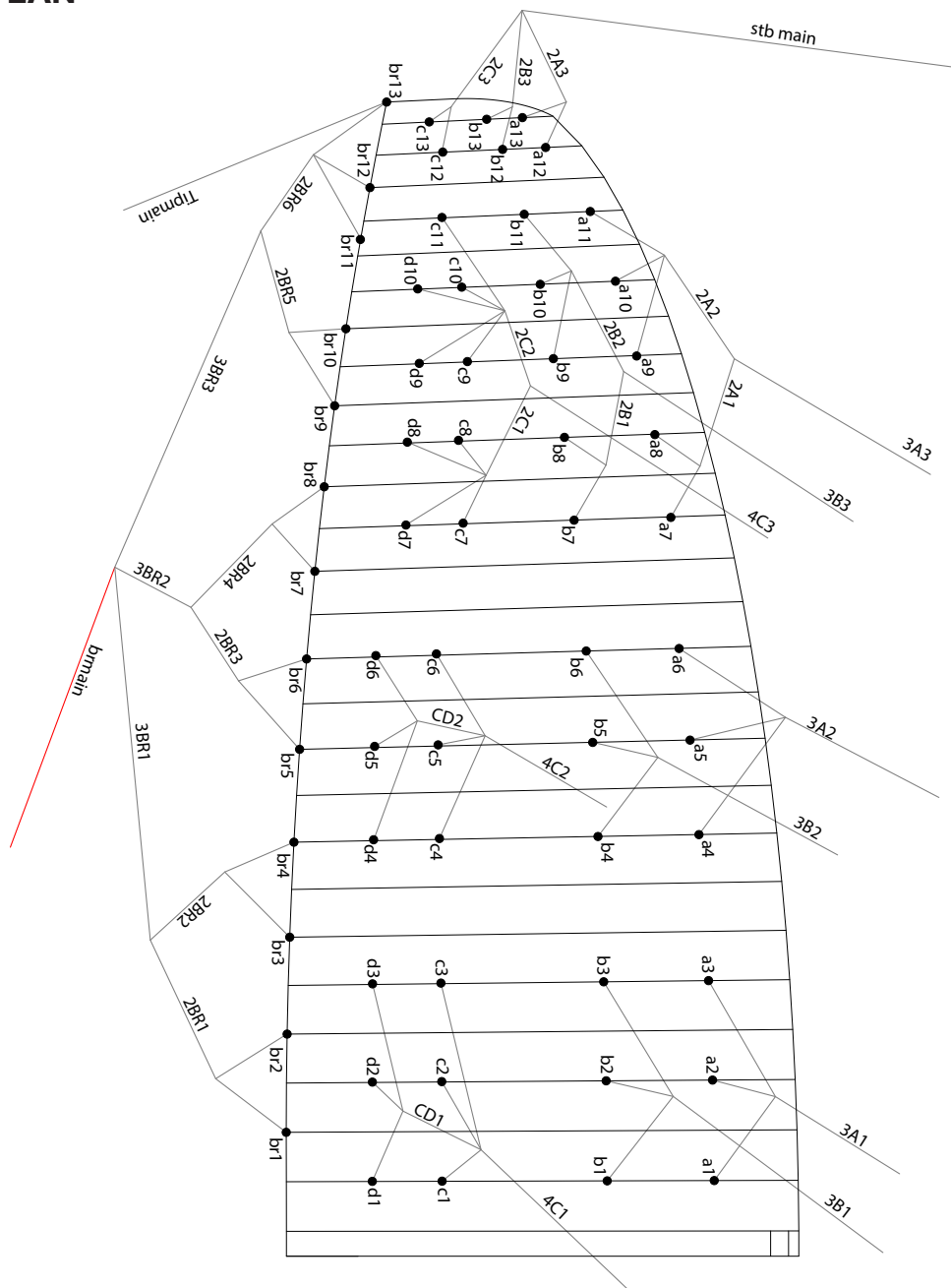
MATERIALS

CANOPY	FABRIC CODE	SUPPLIER
UPPER SURFACE	N20 DMF	DOMINICO TEX CO (KOREA)
BOTTOM SURFACE	N20 DMF	DOMINICO TEX CO (KOREA)
PROFILES	30 DFM	DOMINICO TEX CO (KOREA)
DIAGONALS	30 DFM	DOMINICO TEX CO (KOREA)
LOOPS	LKI - 10	KOLON IND. (KOREA)
REINFORCEMENT LOOPS	W-420	D-P (GERMANY)
TRAILING EDGE REINFORCEMENT	MYLAR	D-P (GERMANY)
RIBS REINFORCEMNET	LTN-0.8 STICK	SPORTWARE CO.CHINA
THREAD	SERAFIL 60	AMAN (GERMANY)
THREAD	SERAFIL 60	AMAN (GERMANY)

SUSPENSION LINES	FABRIC CODE	SUPPLIER
UPPER CASCADES	MATRIX - 80	EDELRID (GERMANY)
UPPER CASCADES	PPSL - 120	LIROS GMHB (GERMANY)
MIDDLE CASCADES	MATRIX - 80	EDELRID (GERMANY)
MIDDLE CASCADES	PPSL - 120	LIROS GMHB (GERMANY)
MAIN	PPSL - 120	LIROS GMHB (GERMANY)
MAIN	TNL - 220	TEIJIM LIMITED (JAPAN)
MAIN	TNL - 280	TEIJIM LIMITED (JAPAN)
MAIN	TNL - 400	TEIJIM LIMITED (JAPAN)
MAIN BREAK	TARAX - 200	EDELRID (GERMANY)
THREAD	SERAFIL 60	AMAN (GERMANY)

RISERS	FABRIC CODE	SUPPLIER
MATERIAL	WD103	COUSIN (FRANCE)
COLOR INDICATOR	PAD	TECNI SANGLES (FRANCE)
THREAD	V138	COATS (ENGLAND)
MAILLONS	MRI4	ANSUNG PRECISION (KOREA)
PULLEYS	ID018041	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

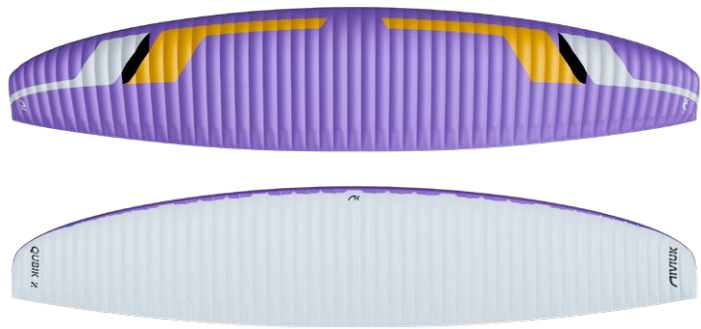
A	A'	B	C'	C
3A1	3A3	3B1	4C3	4C1
3A2		3B2		4C2
		3B3		
		Stab		



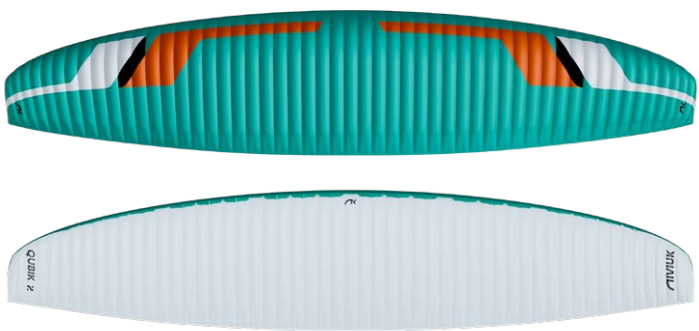
COLORS



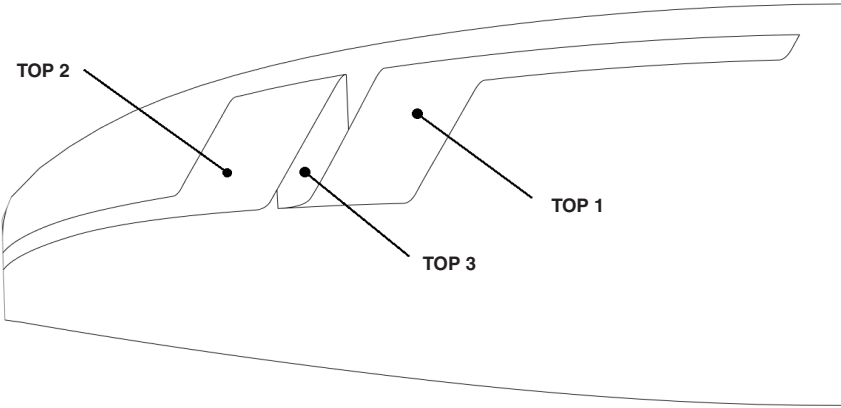
JASPE	UPPER	DARK BRICK	LOWER	WHITE
	TOP 1	WHITE		
	TOP 2	ROYAL BLUE		
	TOP 3	BLACK		



RUBI	UPPER	PURPLE	LOWER	WHITE
	TOP 1	GOLD		
	TOP 2	WHITE		
	TOP 3	BLACK		



MOTMOT	UPPER	SPECTRA GREEN	LOWER	WHITE
	TOP 1	DARK BRICK		
	TOP 2	WHITE		
	TOP 3	BLACK		



WING LOAD

QUBIK 2

21			23			25			27		
P.T.V.		KG/M2	P.T.V.		KG/M2	P.T.V.		KG/M2	P.T.V.		KG/M2
70	=	3,33	80	=	3,48	100	=	3,92	110	=	4,00
75	=	3,57	85	=	3,70	105	=	4,12	115	=	4,18
80	=	3,81	90	=	3,91	110	=	4,31	120	=	4,36
85	=	4,05	95	=	4,13	115	=	4,51	125	=	4,55
90	=	4,29	100	=	4,35	120	=	4,71	130	=	4,73
95	=	4,52	105	=	4,57	125	=	4,90	135	=	4,91
100	=	4,76	110	=	4,78	130	=	5,10	140	=	5,09
105	=	5,00	115	=	5,00	135	=	5,29	145	=	5,27
110	=	5,24	120	=	5,22	140	=	5,49	150	=	5,45
115	=	5,48	125	=	5,43	145	=	5,69	155	=	5,64
120	=	5,71	130	=	5,65	150	=	5,88	160	=	5,82
			135	=	5,87	155	=	6,08	165	=	6,00
			140	=	6,09	160	=	6,27	170	=	6,18
									175	=	6,36
									179	=	6,51

LINES

QUBIK 2 - 21

ref.	mat.	kg	color	mm
A				
a1	PPSL	120	YELLOW	1890
a2	PPSL	120	YELLOW	1822
a3	PPSL	120	YELLOW	1835
a4	PPSL	120	YELLOW	1749
a5	PPSL	120	YELLOW	1710
a6	PPSL	120	YELLOW	1743
a7	MATRIX	80	BLUE	1102
a8	MATRIX	80	BLUE	1023
a9	MATRIX	80	BLUE	1046
a10	MATRIX	80	BLUE	997
a11	MATRIX	80	BLUE	1016
a12	MATRIX	80	RED	311
a13	MATRIX	80	RED	249

[illegible]

3A1	TNL	400	GREEN	4123
3A2	TNL	280	GREEN	4159
3A3	TNL	280	GREEN	3722

ref.	mat.	kg	color	mm
B				
b1	PPSL	120	BLUE	1866
b2	PPSL	120	BLUE	1802
b3	PPSL	120	BLUE	1819
b4	PPSL	120	BLUE	1715
b5	PPSL	120	BLUE	1684
b6	PPSL	120	BLUE	1729
b7	MATRIX	80	BLUE	1025
b8	MATRIX	80	BLUE	954
b9	MATRIX	80	BLUE	975
b10	MATRIX	80	BLUE	936
b11	MATRIX	80	BLUE	965
b12	MATRIX	80	RED	272
b13	MATRIX	80	RED	229

2B1	PPSL	120	BLUE	975
2B2	PPSL	120	BLUE	923
2B3	MATRIX	80	BLUE	891

3B1	TNL	400	BLUE	4043
3B2	TNL	280	BLUE	4106
3B3	TNL	220	BLUE	3830
STB MAIN	PPSL	120	RED	4313

ref.	mat.	kg	color	mm
C				
c1	MATRIX	80	BLUE	1592
c2	MATRIX	80	BLUE	1519
c3	MATRIX	80	BLUE	1546
c4	MATRIX	80	BLUE	1451
c5	MATRIX	80	BLUE	1416
c6	MATRIX	80	BLUE	1479
c7	MATRIX	80	BLUE	749
c8	MATRIX	80	BLUE	659
c9	MATRIX	80	BLUE	670
c10	MATRIX	80	BLUE	665
c11	MATRIX	80	BLUE	766
c12	MATRIX	80	RED	262
c13	MATRIX	80	RED	237

2C1	PPSL	120	BLUE	697
2C2	PPSL	120	BLUE	656
2C3	MATRIX	80	RED	966
CD1	PPSL	120	BLUE	231
CD2	PPSL	120	BLUE	216

4C1	TNL	280	BLUE	4359
4C2	TNL	220	BLUE	4410
4C3	TNL	220	BLUE	4461

ref.	mat.	kg	color	mm
D				
d1	MATRIX	80	BLUE	143
d2	MATRIX	80	BLUE	1351
d3	MATRIX	80	BLUE	1387
d4	MATRIX	80	BLUE	1301
d5	MATRIX	80	BLUE	1260
d6	MATRIX	80	BLUE	1332
d7	MATRIX	80	BLUE	801
d8	MATRIX	80	BLUE	712
d9	MATRIX	80	BLUE	721
di10	MATRIX	80	BLUE	715

[illegible]

ref.	mat.	kg	color	mm
BRAKE				
br1	MATRIX	80	RED	772
br2	MATRIX	80	RED	489
br3	MATRIX	80	RED	501
br4	MATRIX	80	RED	467
br5	MATRIX	80	RED	791
br6	MATRIX	80	RED	674
br7	MATRIX	80	RED	693
br8	MATRIX	80	RED	720
br9	MATRIX	80	RED	660
br10	MATRIX	80	RED	554
br11	MATRIX	80	RED	652
br12	MATRIX	80	RED	619
br13	MATRIX	80	RED	593

2BR1	MATRIX	80	RED	664
2BR2	MATRIX	80	RED	427
2BR3	MATRIX	80	RED	794
2BR4	MATRIX	80	RED	721
2BR5	MATRIX	80	RED	773
2BR6	MATRIX	80	RED	605
3BR1	MATRIX	80	RED	2594
3BR2	MATRIX	80	RED	1746
3BR3	MATRIX	80	RED	1640

BRTPMAIN	PPSL	120	RED	5723
KNOT POINT:				5523
BRMAIN	TARAX	200	RED	3356
KNOT POINT 1:				3076
KNOT POINT 2:				3156

LINES

QUBIK 2 - 23

ref.	mat.	kg	color	mm
A				
a1	PPSL	120	YELLOW	1976
a2	PPSL	120	YELLOW	1908
a3	PPSL	120	YELLOW	1923
a4	PPSL	120	YELLOW	1830
a5	PPSL	120	YELLOW	1790
a6	PPSL	120	YELLOW	1826
a7	MATRIX	80	BLUE	1153
a8	MATRIX	80	BLUE	1070
a9	MATRIX	80	BLUE	1095
a10	MATRIX	80	BLUE	1044
a11	MATRIX	80	BLUE	1064
a12	MATRIX	80	RED	326
a13	MATRIX	80	RED	260
2A1	PPSL	120	YELLOW	1097
2A2	PPSL	120	YELLOW	1031
2A3	MATRIX	80	RED	921
3A1	TNL	400	GREEN	4338
3A2	TNL	280	GREEN	4381
3A3	TNL	280	GREEN	3926

ref.	mat.	kg	color	mm
B				
b1	PPSL	120	BLUE	1952
b2	PPSL	120	BLUE	1886
b3	PPSL	120	BLUE	1905
b4	PPSL	120	BLUE	1794
b5	PPSL	120	BLUE	1763
b6	PPSL	120	BLUE	1810
b7	MATRIX	80	BLUE	1072
b8	MATRIX	80	BLUE	998
b9	MATRIX	80	BLUE	1020
b10	MATRIX	80	BLUE	980
b11	MATRIX	80	BLUE	1.010
b12	MATRIX	80	RED	285
b13	MATRIX	80	RED	239
2B1	PPSL	120	BLUE	1.020
2B2	PPSL	120	BLUE	966
2B3	MATRIX	80	BLUE	933
3B1	TNL	400	BLUE	4255
3B2	TNL	280	BLUE	4325
3B3	TNL	220	BLUE	4039
STB MAIN	PPSL	120	RED	4545

ref.	mat.	kg	color	mm
C				
c1	MATRIX	80	BLUE	1665
c2	MATRIX	80	BLUE	1590
c3	MATRIX	80	BLUE	1619
c4	MATRIX	80	BLUE	1517
c5	MATRIX	80	BLUE	1482
c6	MATRIX	80	BLUE	1548
c7	MATRIX	80	BLUE	783
c8	MATRIX	80	BLUE	690
c9	MATRIX	80	BLUE	701
c10	MATRIX	80	BLUE	697
c11	MATRIX	80	BLUE	802
c12	MATRIX	80	RED	274
c13	MATRIX	80	RED	248
2C1	PPSL	120	BLUE	729
2C2	PPSL	120	BLUE	687
2C3	MATRIX	80	RED	1011
CD1	PPSL	120	BLUE	242
CD2	PPSL	120	BLUE	226
4C1	TNL	280	BLUE	4586
4C2	TNL	220	BLUE	4643
4C3	TNL	220	BLUE	4699

[illegible]

ref.	mat.	kg	color	mm
BRAKE				
br1	MATRIX	80	RED	808
br2	MATRIX	80	RED	512
br3	MATRIX	80	RED	525
br4	MATRIX	80	RED	490
br5	MATRIX	80	RED	827
br6	MATRIX	80	RED	706
br7	MATRIX	80	RED	725
br8	MATRIX	80	RED	754
br9	MATRIX	80	RED	690
br10	MATRIX	80	RED	580
br11	MATRIX	80	RED	682
br12	MATRIX	80	RED	647
br13	MATRIX	80	RED	628
2BR1	MATRIX	80	RED	695
2BR2	MATRIX	80	RED	448
2BR3	MATRIX	80	RED	829
2BR4	MATRIX	80	RED	756
2BR5	MATRIX	80	RED	809
2BR6	MATRIX	80	RED	633
3BR1	MATRIX	80	RED	2721
3BR2	MATRIX	80	RED	1840
3BR3	MATRIX	80	RED	1731
BRTIPMAIN	PPSL	120	RED	5988
			KNOT POINT:	5788
BRMAIN	TARAX	200	RED	3512
			KNOT POINT 1:	3232
			KNOT POINT 2:	3312

LINES

QUBIK 2 - 25

ref.	mat.	kg	color	mm
A				
a1	PPSL	120	YELLOW	2080
a2	PPSL	120	YELLOW	2009
a3	PPSL	120	YELLOW	2027
a4	PPSL	120	YELLOW	1925
a5	PPSL	120	YELLOW	1885
a6	PPSL	120	YELLOW	1924
a7	MATRIX	80	BLUE	1213
a8	MATRIX	80	BLUE	1127
a9	MATRIX	80	BLUE	1153
a10	MATRIX	80	BLUE	1099
a11	MATRIX	80	BLUE	1122
a12	MATRIX	80	RED	343
a13	MATRIX	80	RED	274

[illegible]

3A1	TNL	400	GREEN	4594
3A2	TNL	280	GREEN	4645
3A3	TNL	280	GREEN	4169

ref.	mat.	kg	color	mm
B				
b1	PPSL	120	BLUE	205
b2	PPSL	120	BLUE	1987
b3	PPSL	120	BLUE	2008
b4	PPSL	120	BLUE	1887
b5	PPSL	120	BLUE	1856
b6	PPSL	120	BLUE	1907
b7	MATRIX	80	BLUE	1129
b8	MATRIX	80	BLUE	1051
b9	MATRIX	80	BLUE	1074
b10	MATRIX	80	BLUE	1032
b11	MATRIX	80	BLUE	1.064
b12	MATRIX	80	RED	300
b13	MATRIX	80	RED	252

[illegible]

3B1	TNL	400	BLUE	4507
3B2	TNL	280	BLUE	4586
3B3	TNL	220	BLUE	4288
STB MAIN	PPSL	120	RED	4821

ref.	mat.	kg	color	mm
C				
c1	MATRIX	80	BLUE	1752
c2	MATRIX	80	BLUE	1674
c3	MATRIX	80	BLUE	1707
c4	MATRIX	80	BLUE	1596
c5	MATRIX	80	BLUE	1561
c6	MATRIX	80	BLUE	1631
c7	MATRIX	80	BLUE	824
c8	MATRIX	80	BLUE	727
c9	MATRIX	80	BLUE	738
c10	MATRIX	80	BLUE	734
c11	MATRIX	80	BLUE	845
c12	MATRIX	80	RED	289
c13	MATRIX	80	RED	261

2C1	PPSL	120	BLUE	767
2C2	PPSL	120	BLUE	723
2C3	MATRIX	80	RED	1064
CD1	PPSL	120	BLUE	255
CD2	PPSL	120	BLUE	238

4C1	TNL	280	BLUE	4856
4C2	TNL	220	BLUE	4922
4C3	TNL	220	BLUE	4983

ref.	mat.	kg	color	mm
D				
d1	MATRIX	80	BLUE	157
d2	MATRIX	80	BLUE	1489
d3	MATRIX	80	BLUE	1532
d4	MATRIX	80	BLUE	1431
d5	MATRIX	80	BLUE	1388
d6	MATRIX	80	BLUE	1469
d7	MATRIX	80	BLUE	882
d8	MATRIX	80	BLUE	784
d9	MATRIX	80	BLUE	794
d10	MATRIX	80	BLUE	788

[illegible]

ref.	mat.	kg	color	mm
BRAKE				
br1	MATRIX	80	RED	850
br2	MATRIX	80	RED	540
br3	MATRIX	80	RED	553
br4	MATRIX	80	RED	518
br5	MATRIX	80	RED	871
br6	MATRIX	80	RED	744
br7	MATRIX	80	RED	762
br8	MATRIX	80	RED	794
br9	MATRIX	80	RED	726
br10	MATRIX	80	RED	610
br11	MATRIX	80	RED	718
br12	MATRIX	80	RED	681
br13	MATRIX	80	RED	670

2BR1	MATRIX	80	RED	731
2BR2	MATRIX	80	RED	474
2BR3	MATRIX	80	RED	872
2BR4	MATRIX	80	RED	797
2BR5	MATRIX	80	RED	851
2BR6	MATRIX	80	RED	666
3BR1	MATRIX	80	RED	2873
3BR2	MATRIX	80	RED	1952
3BR3	MATRIX	80	RED	1839

BRTIPMAIN	PPSL	120	RED	6303
KNOT POINT:				6103
BRMAIN	TARAX	200	RED	3697
KNOT POINT 1:				3417
KNOT POINT 2:				3497

LINES

QUBIK 2 - 27

ref.	mat.	kg	color	mm
A				
a1	PPSL	120	YELLOW	2159
a2	PPSL	120	YELLOW	2086
a3	PPSL	120	YELLOW	2106
a4	PPSL	120	YELLOW	1999
a5	PPSL	120	YELLOW	1957
a6	PPSL	120	YELLOW	1998
a7	MATRIX	80	BLUE	1260
a8	MATRIX	80	BLUE	1171
a9	MATRIX	80	BLUE	1198
a10	MATRIX	80	BLUE	1142
a11	MATRIX	80	BLUE	1165
a12	MATRIX	80	RED	356
a13	MATRIX	80	RED	285
2A1	PPSL	120	YELLOW	1200
2A2	PPSL	120	YELLOW	1128
2A3	MATRIX	80	RED	1008
3A1	TNL	400	GREEN	4790
3A2	TNL	280	GREEN	4847
3A3	TNL	280	GREEN	4355

ref.	mat.	kg	color	mm
B				
b1	PPSL	120	BLUE	2132
b2	PPSL	120	BLUE	2063
b3	PPSL	120	BLUE	2087
b4	PPSL	120	BLUE	1959
b5	PPSL	120	BLUE	1927
b6	PPSL	120	BLUE	1981
b7	MATRIX	80	BLUE	1172
b8	MATRIX	80	BLUE	1092
b9	MATRIX	80	BLUE	1116
b10	MATRIX	80	BLUE	1072
b11	MATRIX	80	BLUE	1.106
b12	MATRIX	80	RED	312
b13	MATRIX	80	RED	261
2B1	PPSL	120	BLUE	1.115
2B2	PPSL	120	BLUE	1057
2B3	MATRIX	80	BLUE	1021
3B1	TNL	400	BLUE	4700
3B2	TNL	280	BLUE	4786
3B3	TNL	220	BLUE	4478
STB MAIN	PPSL	120	RED	5033

ref.	mat.	kg	color	mm
C				
c1	MATRIX	80	BLUE	1818
c2	MATRIX	80	BLUE	1739
c3	MATRIX	80	BLUE	1774
c4	MATRIX	80	BLUE	1657
c5	MATRIX	80	BLUE	1621
c6	MATRIX	80	BLUE	1695
c7	MATRIX	80	BLUE	856
c8	MATRIX	80	BLUE	755
c9	MATRIX	80	BLUE	767
c10	MATRIX	80	BLUE	763
c11	MATRIX	80	BLUE	878
c12	MATRIX	80	RED	300
c13	MATRIX	80	RED	271
2C1	PPSL	120	BLUE	797
2C2	PPSL	120	BLUE	751
2C3	MATRIX	80	RED	1105
CD1	PPSL	120	BLUE	265
CD2	PPSL	120	BLUE	247
4C1	TNL	280	BLUE	5062
4C2	TNL	220	BLUE	5134
4C3	TNL	220	BLUE	5200

[illegible]

ref.	mat.	kg	color	mm
BRAKE				
br1	MATRIX	80	RED	882
br2	MATRIX	80	RED	561
br3	MATRIX	80	RED	575
br4	MATRIX	80	RED	539
br5	MATRIX	80	RED	904
br6	MATRIX	80	RED	773
br7	MATRIX	80	RED	791
br8	MATRIX	80	RED	824
br9	MATRIX	80	RED	754
br10	MATRIX	80	RED	633
br11	MATRIX	80	RED	745
br12	MATRIX	80	RED	707
br13	MATRIX	80	RED	701
2BR1	MATRIX	80	RED	760
2BR2	MATRIX	80	RED	493
2BR3	MATRIX	80	RED	905
2BR4	MATRIX	80	RED	828
2BR5	MATRIX	80	RED	884
2BR6	MATRIX	80	RED	691
3BR1	MATRIX	80	RED	2989
3BR2	MATRIX	80	RED	2037
3BR3	MATRIX	80	RED	1922
BRTIPMAIN	PPSL	120	RED	6544
KNOT POINT:				6344
BRMAIN	TARAX	200	RED	3839
KNOT POINT 1:				3559
KNOT POINT 2:				3639

LINE MEASUREMENTS

QUBIK 2 - 21

LINES HEIGHT + RISER MM						
	A	B	C	D	br	tip
1	6011	5907	5949	6010	7088	5535
2	5943	5843	5876	5930	6805	
3	5956	5860	5903	5966	6580	
4	5906	5819	5859	5916	6546	
5	5867	5788	5824	5875	6389	
6	5900	5833	5887	5947	6272	
7	5861	5819	5900	5952	6218	
8	5782	5748	5810	5863	6245	
9	5740	5715	5777	5828	6131	
10	5691	5676	5772	5822	6025	
11	5710	5705	5873		5954	
12	5497	5469	5534		5921	
13	5435	5426	5509		5895	

RISERS LENGHT MM			
A	B	C	
480	480	480	STANDARD
480	530	630	TRIMMER OPENED
380	463	630	ACCELERATED

QUBIK 2 - 23

LINES HEIGHT + RISER MM						
	A	B	C	D	br	tip
1	6312	6205	6249	6313	7438	5800
2	6244	6139	6174	6231	7142	
3	6259	6158	6203	6270	6908	
4	6209	6117	6158	6218	6873	
5	6169	6086	6123	6176	6710	
6	6205	6133	6189	6253	6589	
7	6165	6120	6204	6259	6535	
8	6082	6046	6111	6166	6564	
9	6039	6012	6077	6130	6444	
10	5988	5972	6073	6124	6334	
11	6008	6002	6178		6259	
12	5785	5756	5823		6224	
13	5719	5710	5797		6205	

RISERS LENGHT MM			
A	B	C	
480	480	480	STANDARD
480	530	630	TRIMMER OPENED
380	463	630	ACCELERATED

QUBIK 2 - 25

LINES HEIGHT + RISER MM						
	A	B	C	D	br	tip
1	6672	6559	6606	6674	7853	6115
2	6601	6492	6528	6589	7543	
3	6619	6513	6561	6632	7299	
4	6568	6471	6516	6580	7264	
5	6528	6440	6481	6537	7094	
6	6567	6491	6551	6618	6967	
7	6526	6480	6567	6625	6910	
8	6440	6402	6470	6527	6942	
9	6395	6367	6434	6490	6815	
10	6341	6325	6430	6484	6699	
11	6364	6357	6541		6621	
12	6128	6097	6167		6584	
13	6059	6049	6139		6573	

RISERS LENGHT MM			
A	B	C	
480	480	480	STANDARD
480	530	630	TRIMMER OPENED
380	463	630	ACCELERATED

QUBIK 2 - 27

LINES HEIGHT + RISER MM

	A	B	C	D	br	tip
1	6947	6830	6878	6950	8172	6356
2	6874	6761	6799	6862	7851	
3	6894	6785	6834	6908	7598	
4	6844	6743	6789	6855	7562	
5	6802	6711	6753	6811	7387	
6	6843	6765	6827	6897	7256	
7	6804	6754	6846	6906	7197	
8	6715	6674	6745	6805	7230	
9	6668	6638	6708	6766	7101	
10	6612	6594	6704	6760	6980	
11	6635	6628	6819		6898	
12	6390	6359	6431		6860	
13	6319	6308	6402		6854	

RISERS LENGHT MM

A	B	C	
480	480	480	STANDARD
480	530	630	TRIMMER OPENED
380	463	630	ACCELERATED

SUSPENSION

MATERIAL CODE		MATRIX	PPSL	TNL	TNL	TNL	TARAX
STRENGTH CODE		80	120	220	280	400	240
DIAMETER mm	ø	0,9	1,15	1,6	1,8	2,3	1,9
CORE MATERIAL		DYNEEMA	DYNEEMA	TECHNORA	TECHNORA	TECHNORA	DYNEEMA
SLEEVE MATERIAL		POLYESTER	POLYESTER	POLYESTER	POLYESTER	POLYESTER	POLYESTER
WEIGHT g/m	TOTAL	0,7	1	1,6	2,7	4	2,3
BREAKING STRENGTH daN	MINIMUM	80	120	220	280	314	240
	MAXIMUM		159	250	320	360	
STRENGTH AFTER							
5.000 BENDING	TEST EN		135	114,2	134,7	184,4	
CYCLES							
ELONGATION AT	5 daN en %	0,1-0,4		0,2	0,2	0,05	0,1-0,3
	10 daN en %		0,2	0,3	0,3	0,1	0,2-0,4
	15 daN en %			0,5	0,4	0,2	0,2-0,6
	20 daN en %			0,6	0,4	0,2	0,3-0,7
	25 daN en %	0,8-1		0,7	0,5	0,3	0,4-0,8
	30 daN en %		0,6	1,2	0,9	0,6	
	75 daN en %	2,5-2,8		1,8	1,3	0,8	0,9-1,2
	100 daN en %			2,2	1,7	1,1	1,1-1,5
	125 daN en %			2,7	2	1,4	
	150 daN en %			3	2,3	1,7	1,5-2,1
	175 daN en %			3,3	2,7	2	
	200 daN en %			3,8	2,8	2,2	2-2,8
ELONGATION MAX. BREAKING STRENGTH %			2	4	4,1	4,6	

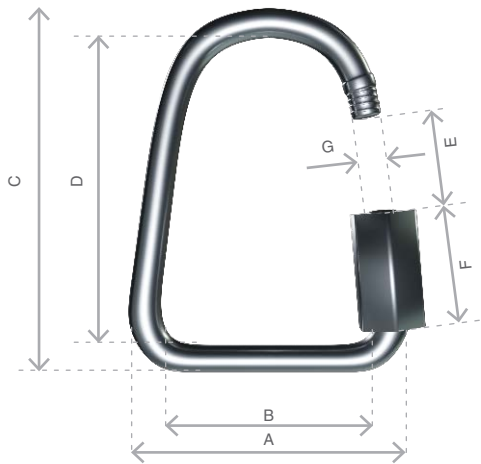
MAILLON & PULLEY

DESCRIPTION MAILLON

MAILLON	DELTA
CODE	MRI4
MATERIAL	STAINLESS STEEL
SIZE	4,3 mm
WEIGHT	12 g/piece
QUANTITY	8 piece
INSERTS	2 GREEN / 6 BLACK

TECHNICAL SPECIFICATIONS

DIMENSIONS	mm
A	28
B	20
C	38
D	30
E	4
F	11
G	4
LOAD	KG
WORKING LIMIT	150
BREAKING	750



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

THREAD

SAIL 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	WD103
MATERIAL	POLYESTER & TECHNORA
WIDTH	19 mm
THICKNESS	1,6 mm
BREAKING STRENGTH	850 kg
ELONGATION	MAX. 12%
WEIGHT	23 g
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 - 10
MATERIAL	NYLON
WIDTH	10 mm
BREAKING STRENGTH	84 kg
ELONGATION	30 %
WEIGHT	5,5 g
COLOR	WHITE



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