

HIKO

Technical *specifications*



PIVIUK BEYOND
THE GLIDE

TECHNICAL SPECIFICATIONS

			20	22	24	26	28	30
CELLS	NUMBER		55	55	55	55	55	55
ASPECT RATIO	FLAT		5,5	5,5	5,5	5,5	5,5	5,5
	PROJECTED		4,18	4,18	4,18	4,18	4,18	4,18
AREA	FLAT	m2	20,5	21,8	23,8	25,8	27,8	30
	PROJECTED	m2	17,51	18,62	20,33	22,04	23,75	25,63
SPAN	FLAT	m	10,62	10,95	11,44	11,91	12,37	12,85
CHORD	MAX	m	2,38	2,45	2,56	2,66	2,77	2,87
LINES	TOTAL	m	220	227	238	248	258	268
	MAIN		2-1/3/2	2-1/3/2	2-1/3/2	2-1/3/2	2-1/3/2	2-1/3/2
RISERS	NUMBER	3+1	A-A'/B/C	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	180
GLIDER WEIGHT		kg	4,02	4,23	4,59	4,88	5,10	5,43
TOTAL WEIGHT IN FLIGHT	MIN-MAX	kg	50-75	65-85	75-95	85-105	95-115	105-128
CERTIFICATION			EN/LTF B	EN/LTF B	EN/LTF B	EN/LTF B	EN/LTF B	EN/LTF B

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



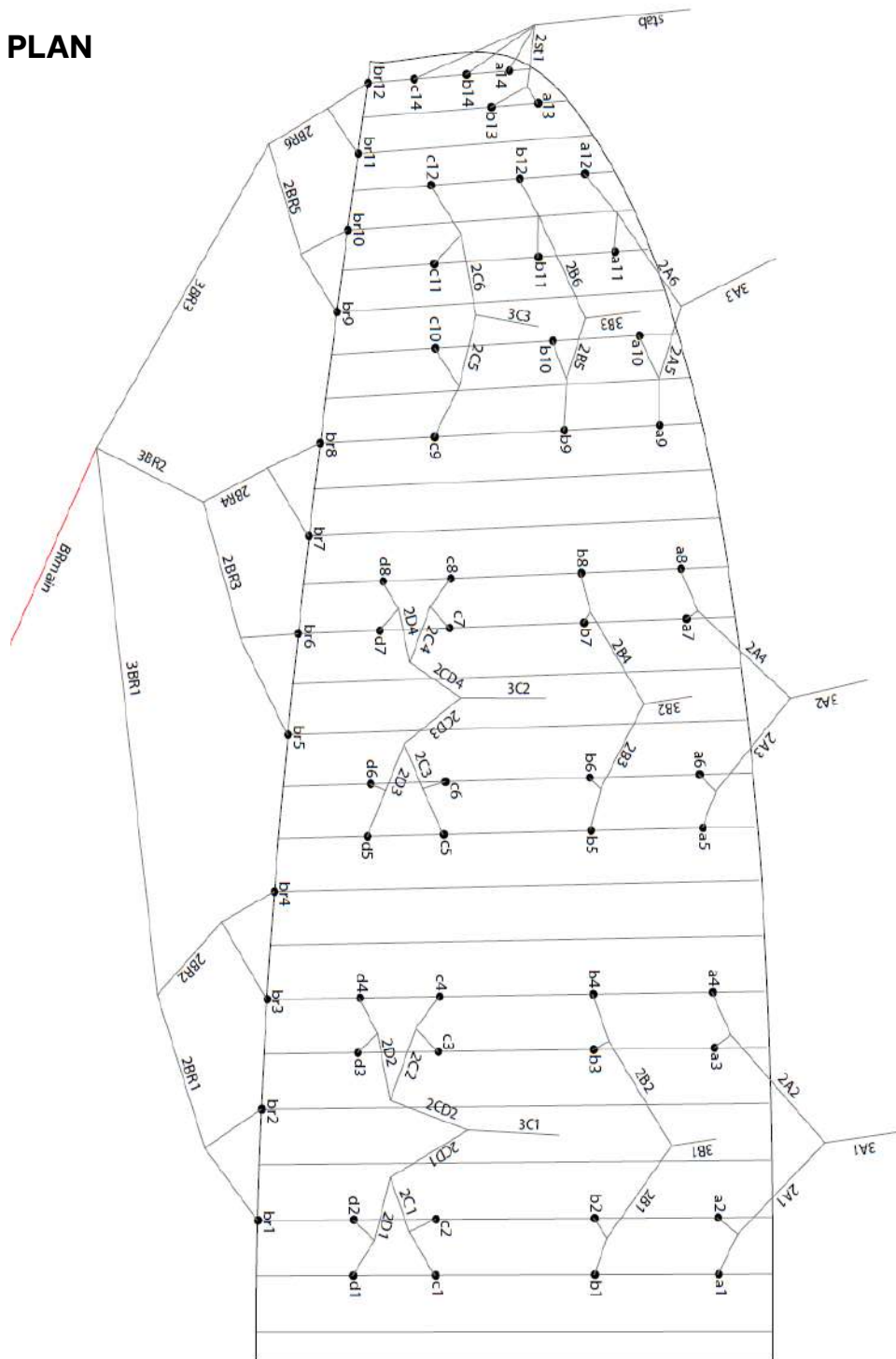
MATERIALS

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	DOMINICO TEX CO (KOREA)
DIAGONALS	30 DFM	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-0.8/0.5 STICK	SPORTWARE CO.CHINA
THREAD	SERAFIL 60	AMAN (GERMANY)

SUSPENSIONS 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)
UPPER CASCADES	TNL-80	TEIJIM LIMITED (JAPAN)
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	TNL-80	TEIJIM LIMITED (JAPAN)
MAIN	TNL-80	TEIJIM LIMITED (JAPAN)
MAIN	TNL-140	TEIJIM LIMITED (JAPAN)
MAIN	TNL-220	TEIJIM LIMITED (JAPAN)
MAIN	TNL-280	TEIJIM LIMITED (JAPAN)
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)
MAILLONS	3.5	ANSUNG PRECISION (KOREA)
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



RIVER	UPPER	ROYAL BLUE	LOWER	WHITE
	TOP 1	WHITE	BOTTOM 1	ROYAL BLUE
	TOP 2	BLACK	BOTTOM 2	BLACK



MOTMOT	UPPER	SPECTRA GREEN	LOWER	WHITE
	TOP 1	DARK BRICK	BOTTOM 1	SPECTRA GREEN
	TOP 2	WHITE	BOTTOM 2	DARK BRICK



CLAY	UPPER	DARK BRICK	LOWER	WHITE
	TOP 1	LIME	BOTTOM 1	DARK BRICK
	TOP 2	WHITE	BOTTOM 2	LIME



LAVANDE	UPPER	PURPLE	LOWER	WHITE
	TOP 1	LIME	BOTTOM 1	PURPLE
	TOP 2	WHITE	BOTTOM 2	LIME

WING LOAD

HIKO

20		
P.T.V.		KG/M2
55	=	2,68
56	=	2,73
57	=	2,78
58	=	2,83
59	=	2,88
60	=	2,93
61	=	2,98
62	=	3,02
63	=	3,07
64	=	3,12
65	=	3,17
66	=	3,22
67	=	3,27
68	=	3,32
69	=	3,37
70	=	3,41
71	=	3,46
72	=	3,51
73	=	3,56
74	=	3,61
75	=	3,66
22		
P.T.V.		KG/M2
65	=	2,98
66	=	3,03
67	=	3,07
68	=	3,12
69	=	3,17
70	=	3,21
71	=	3,26
72	=	3,30
73	=	3,35
74	=	3,39
75	=	3,44
76	=	3,49
77	=	3,53
78	=	3,58
79	=	3,62
80	=	3,67
81	=	3,72
82	=	3,76
83	=	3,81
84	=	3,85
85	=	3,90
24		
P.T.V.		KG/M2
75	=	3,15
76	=	3,19
77	=	3,24
78	=	3,28
79	=	3,32
80	=	3,36
81	=	3,40
82	=	3,45
83	=	3,49
84	=	3,53
85	=	3,57
86	=	3,61
87	=	3,66
88	=	3,70
89	=	3,74
90	=	3,78
91	=	3,82
92	=	3,87
93	=	3,91
94	=	3,95
95	=	3,99
26		
P.T.V.		KG/M2
85	=	3,29
86	=	3,33
87	=	3,37
88	=	3,41
89	=	3,45
90	=	3,49
91	=	3,53
92	=	3,57
93	=	3,60
94	=	3,64
95	=	3,68
96	=	3,72
97	=	3,76
98	=	3,80
99	=	3,84
100	=	3,88
101	=	3,91
102	=	3,95
103	=	3,99
104	=	4,03
105	=	4,07
28		
P.T.V.		KG/M2
95	=	3,42
96	=	3,45
97	=	3,49
98	=	3,53
99	=	3,56
100	=	3,60
101	=	3,63
102	=	3,67
103	=	3,71
104	=	3,74
105	=	3,78
106	=	3,81
107	=	3,85
108	=	3,88
109	=	3,92
110	=	3,96
111	=	3,99
112	=	4,03
113	=	4,06
114	=	4,10
115	=	4,14
30		
P.T.V.		KG/M2
105	=	3,50
106	=	3,53
107	=	3,57
108	=	3,60
109	=	3,63
110	=	3,67
111	=	3,70
112	=	3,73
113	=	3,77
114	=	3,80
115	=	3,83
116	=	3,87
117	=	3,90
118	=	3,93
119	=	3,97
120	=	4,00
121	=	4,03
122	=	4,07
123	=	4,10
124	=	4,13
125	=	4,17
126	=	4,20
127	=	4,23
128	=	4,27

LINES

HIKO - 20

ref.	mat.	kg	color	mm
A				
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	250
a7	DC	60	WHT	251
a8	DC	60	WHT	266
a9	8001/U	70	ORG	559
a10	8001/U	50	ORG	462
a11	8001/U	50	ORG	541
a12	8001/U	50	ORG	519
a13	8001/U	50	ORG	629
a14	8001/U	50	ORG	1302

2A1	8001/U	130	ORG	1867
2A2	8001/U	130	ORG	1824
2A3	8001/U	130	ORG	1713
2A4	8001/U	90	ORG	1664
2A5	8001/U	70	ORG	1224
2A6	8001/U	70	ORG	1057
2st1	8001/U	50	ORG	750

3A1	TNL	280	GREEN	3843
3A2	TNL	280	GREEN	3913
3A3	TNL	220	GREEN	3963

ref.	mat.	kg	color	mm
B				
b1	DC	60	WHT	309
b2	DC	60	WHT	263
b3	DC	60	WHT	272
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	539
b10	8001/U	50	BLUE	454
b11	8001/U	50	BLUE	507
b12	8001/U	50	BLUE	497
b13	8001/U	50	ORG	609
b14	8001/U	50	ORG	1303

2B1	8001/U	130	BLUE	1846
2B2	8001/U	130	BLUE	1801
2B3	8001/U	130	BLUE	1684
2B4	8001/U	90	BLUE	1642
2B5	8001/U	70	BLUE	1169
2B6	8001/U	70	BLUE	1040

3B1	TNL	280	BLUE	3781
3B2	TNL	220	BLUE	3865
3B3	TNL	220	BLUE	3968
stab	TNL	80	RED	3971

ref.	mat.	kg	color	mm
C				
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	1366

2C1	8001/U	70	BLUE	516
2C2	8001/U	70	BLUE	497
2C3	8001/U	70	BLUE	481
2C4	8001/U	70	BLUE	466
2C5	8001/U	70	BLUE	1204
2C6	8001/U	70	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	TNL	280	BLUE	4401
3C2	TNL	220	BLUE	4414
3C3	TNL	140	BLUE	3985

[illegible]

2D1	8001/U	70	BLUE	604
2D2	8001/U	70	BLUE	578
2D3	8001/U	70	BLUE	561
2D4	8001/U	70	BLUE	519

ref.	mat.	kg	color	mm
BRAKE				
br1	TNL	80	RED	578
br2	TNL	80	RED	282
br3	TNL	80	RED	515
br4	TNL	80	RED	517
br5	TNL	80	RED	530
br6	TNL	80	RED	400
br7	TNL	80	RED	411
br8	TNL	80	RED	473
br9	TNL	80	RED	423
br10	TNL	80	RED	356
br11	TNL	80	RED	289
br12	TNL	80	RED	371

2BR1	TNL	80	RED	906
2BR2	TNL	80	RED	555
2BR3	TNL	80	RED	762
2BR4	TNL	80	RED	708
2BR5	TNL	80	RED	510
2BR6	TNL	80	RED	561
3BR1	TNL	80	RED	2616
3BR2	TNL	80	RED	2229
3BR3	TNL	80	RED	2332

BRMAIN	TARAX	240	RED	2906
KNOT POINT:				2706

LINES

HIKO - 22

ref.	mat.	kg	color	mm
A				
a1	DC	100	WHT	322
a2	DC	60	WHT	275
a3	DC	60	WHT	283
a4	DC	60	WHT	309
a5	DC	60	WHT	300
a6	DC	60	WHT	258
a7	DC	60	WHT	259
a8	DC	60	WHT	275
a9	8001/U	70	ORG	576
a10	8001/U	50	ORG	476
a11	8001/U	50	ORG	557
a12	8001/U	50	ORG	535
a13	8001/U	50	ORG	648
a14	8001/U	50	ORG	1343
2A1	8001/U	130	ORG	1924
2A2	8001/U	130	ORG	1882
2A3	8001/U	130	ORG	1766
2A4	8001/U	90	ORG	1716
2A5	8001/U	70	ORG	1263
2A6	8001/U	70	ORG	1090
2st1	8001/U	50	ORG	773
3A1	TNL	280	GREEN	3980
3A2	TNL	280	GREEN	4055
3A3	TNL	220	GREEN	4108

ref.	mat.	kg	color	mm
B				
b1	DC	60	WHT	319
b2	DC	60	WHT	271
b3	DC	60	WHT	280
b4	DC	60	WHT	305
b5	DC	60	WHT	295
b6	DC	40	WHT	255
b7	DC	40	WHT	254
b8	DC	60	WHT	271
b9	8001/U	50	BLUE	555
b10	8001/U	50	BLUE	468
b11	8001/U	50	BLUE	523
b12	8001/U	50	BLUE	513
b13	8001/U	50	ORG	628
b14	8001/U	50	ORG	1344
2B1	8001/U	130	BLUE	1903
2B2	8001/U	130	BLUE	1859
2B3	8001/U	130	BLUE	1736
2B4	8001/U	90	BLUE	1694
2B5	8001/U	70	BLUE	1205
2B6	8001/U	70	BLUE	1072
3B1	TNL	280	BLUE	3916
3B2	TNL	220	BLUE	4006
3B3	TNL	220	BLUE	4113
stab	TNL	80	RED	4117

ref.	mat.	kg	color	mm
C				
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
c14	8001/U	50	ORG	1408
2C1	8001/U	70	BLUE	532
2C2	8001/U	70	BLUE	513
2C3	8001/U	70	BLUE	483
2C4	8001/U	70	BLUE	477
2C5	8001/U	70	BLUE	1242
2C6	8001/U	70	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	TNL	280	BLUE	4555
3C2	TNL	220	BLUE	4590
3C3	TNL	140	BLUE	4132

ref.	mat.	kg	color	mm
D				
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	70	BLUE	623
2D2	8001/U	70	BLUE	597
2D3	8001/U	70	BLUE	567
2D4	8001/U	70	BLUE	536
3BR1	TNL	80	RED	2696
3BR2	TNL	80	RED	2299
3BR3	TNL	80	RED	2408

ref.	mat.	kg	color	mm
BRAKE				
br1	TNL	80	RED	596
br2	TNL	80	RED	291
br3	TNL	80	RED	531
br4	TNL	80	RED	533
br5	TNL	80	RED	547
br6	TNL	80	RED	413
br7	TNL	80	RED	424
br8	TNL	80	RED	487
br9	TNL	80	RED	436
br10	TNL	80	RED	367
br11	TNL	80	RED	297
br12	TNL	80	RED	383
2BR1	TNL	80	RED	934
2BR2	TNL	80	RED	573
2BR3	TNL	80	RED	785
2BR4	TNL	80	RED	731
2BR5	TNL	80	RED	526
2BR6	TNL	80	RED	579
3BR1	TNL	80	RED	2696
3BR2	TNL	80	RED	2299
3BR3	TNL	80	RED	2408
BRMAIN	TARAX	240	RED	3007
			KNOT POINT:	2807

LINES

HIKO - 24

ref.	mat.	kg	color	mm
A				
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	70	ORG	1319
2A6	8001/U	70	ORG	1139
2st1	8001/U	50	ORG	808
3A1	TNL	280	GREEN	4184
3A2	TNL	280	GREEN	4266
3A3	TNL	220	GREEN	4323

ref.	mat.	kg	color	mm
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	TNL	280	BLUE	4117
3B2	TNL	220	BLUE	4215
3B3	TNL	220	BLUE	4326
stab	TNL	80	RED	4332

ref.	mat.	kg	color	mm
C				
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
c14	8001/U	50	ORG	1472
2C1	8001/U	70	BLUE	555
2C2	8001/U	70	BLUE	537
2C3	8001/U	70	BLUE	504
2C4	8001/U	70	BLUE	499
2C5	8001/U	70	BLUE	1297
2C6	8001/U	70	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	TNL	280	BLUE	4785
3C2	TNL	220	BLUE	4825
3C3	TNL	140	BLUE	4343

ref.	mat.	kg	color	mm
D				
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	70	BLUE	650
2D2	8001/U	70	BLUE	624
2D3	8001/U	70	BLUE	592
2D4	8001/U	70	BLUE	561
3D1	TNL	280	BLUE	4785
3D2	TNL	220	BLUE	4825
3D3	TNL	140	BLUE	4343

ref.	mat.	kg	color	mm
BRAKE				
br1	TNL	80	RED	623
br2	TNL	80	RED	305
br3	TNL	80	RED	554
br4	TNL	80	RED	557
br5	TNL	80	RED	571
br6	TNL	80	RED	432
br7	TNL	80	RED	443
br8	TNL	80	RED	510
br9	TNL	80	RED	455
br10	TNL	80	RED	384
br11	TNL	80	RED	310
br12	TNL	80	RED	400
2BR1	TNL	80	RED	975
2BR2	TNL	80	RED	599
2BR3	TNL	80	RED	819
2BR4	TNL	80	RED	765
2BR5	TNL	80	RED	549
2BR6	TNL	80	RED	606
3BR1	TNL	80	RED	2814
3BR2	TNL	80	RED	2403
3BR3	TNL	80	RED	2519
BRMAIN	TARAX	240	RED	3156
			KNOT POINT:	2956

LINES

HIKO - 26

ref.	mat.	kg	color	mm
A				
a1	DC	100	WHT	350
a2	DC	60	WHT	300
a3	DC	60	WHT	307
a4	DC	60	WHT	336
a5	DC	60	WHT	326
a6	DC	60	WHT	281
a7	DC	60	WHT	282
a8	DC	60	WHT	299
a9	8001/U	70	ORG	627
a10	8001/U	50	ORG	518
a11	8001/U	50	ORG	606
a12	8001/U	50	ORG	583
a13	8001/U	50	ORG	705
a14	8001/U	50	ORG	1461
2A1	8001/U	130	ORG	2091
2A2	8001/U	130	ORG	2050
2A3	8001/U	130	ORG	1921
2A4	8001/U	90	ORG	1869
2A5	8001/U	70	ORG	1373
2A6	8001/U	70	ORG	1186
2st1	8001/U	50	ORG	842
3A1	TNL	280	GREEN	4380
3A2	TNL	280	GREEN	4469
3A3	TNL	220	GREEN	4529

ref.	mat.	kg	color	mm
B				
b1	DC	60	WHT	346
b2	DC	60	WHT	296
b3	DC	60	WHT	304
b4	DC	60	WHT	332
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	510
b11	8001/U	50	BLUE	569
b12	8001/U	50	BLUE	558
b13	8001/U	50	ORG	683
b14	8001/U	50	ORG	1462
2B1	8001/U	130	BLUE	2068
2B2	8001/U	130	BLUE	2026
2B3	8001/U	130	BLUE	1888
2B4	8001/U	90	BLUE	1844
2B5	8001/U	70	BLUE	1311
2B6	8001/U	70	BLUE	1167
3B1	TNL	280	BLUE	4309
3B2	TNL	220	BLUE	4415
3B3	TNL	220	BLUE	4533
stab	TNL	80	RED	4539

ref.	mat.	kg	color	mm
C				
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
c14	8001/U	50	ORG	1532
2C1	8001/U	70	BLUE	577
2C2	8001/U	70	BLUE	560
2C3	8001/U	70	BLUE	525
2C4	8001/U	70	BLUE	520
2C5	8001/U	70	BLUE	1351
2C6	8001/U	70	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	TNL	280	BLUE	5006
3C2	TNL	220	BLUE	5050
3C3	TNL	140	BLUE	4551

ref.	mat.	kg	color	mm
D				
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	70	BLUE	676
2D2	8001/U	70	BLUE	651
2D3	8001/U	70	BLUE	617
2D4	8001/U	70	BLUE	584
3D1	TNL	280	BLUE	5006
3D2	TNL	220	BLUE	5050
3D3	TNL	140	BLUE	4551

ref.	mat.	kg	color	mm
BRAKE				
br1	TNL	80	RED	649
br2	TNL	80	RED	318
br3	TNL	80	RED	577
br4	TNL	80	RED	581
br5	TNL	80	RED	595
br6	TNL	80	RED	450
br7	TNL	80	RED	460
br8	TNL	80	RED	531
br9	TNL	80	RED	474
br10	TNL	80	RED	400
br11	TNL	80	RED	323
br12	TNL	80	RED	417
2BR1	TNL	80	RED	1.014
2BR2	TNL	80	RED	625
2BR3	TNL	80	RED	852
2BR4	TNL	80	RED	797
2BR5	TNL	80	RED	571
2BR6	TNL	80	RED	632
3BR1	TNL	80	RED	2928
3BR2	TNL	80	RED	2502
3BR3	TNL	80	RED	2626
BRMAIN	TARAX	240	RED	3299
			KNOT POINT:	3099

LINES

HIKO - 28

ref.	mat.	kg	color	mm
A				
a1	DC	100	WHT	363
a2	DC	60	WHT	312
a3	DC	60	WHT	319
a4	DC	60	WHT	349
a5	DC	60	WHT	339
a6	DC	60	WHT	292
a7	DC	60	WHT	292
a8	DC	60	WHT	311
a9	8001/U	70	ORG	650
a10	8001/U	50	ORG	538
a11	8001/U	50	ORG	629
a12	8001/U	50	ORG	605
a13	8001/U	50	ORG	732
a14	8001/U	50	ORG	1517
2A1	8001/U	130	ORG	2170
2A2	8001/U	130	ORG	2129
2A3	8001/U	130	ORG	1993
2A4	8001/U	90	ORG	1941
2A5	8001/U	70	ORG	1426
2A6	8001/U	70	ORG	1232
2st1	8001/U	50	ORG	874
3A1	TNL	280	GREEN	4568
3A2	TNL	280	GREEN	4663
3A3	TNL	220	GREEN	4727

ref.	mat.	kg	color	mm
B				
b1	DC	60	WHT	359
b2	DC	60	WHT	308
b3	DC	60	WHT	315
b4	DC	60	WHT	345
b5	DC	60	WHT	333
b6	DC	40	WHT	288
b7	DC	40	WHT	286
b8	DC	60	WHT	306
b9	8001/U	50	BLUE	627
b10	8001/U	50	BLUE	529
b11	8001/U	50	BLUE	591
b12	8001/U	50	BLUE	579
b13	8001/U	50	ORG	709
b14	8001/U	50	ORG	1518
2B1	8001/U	130	BLUE	2146
2B2	8001/U	130	BLUE	2104
2B3	8001/U	130	BLUE	1959
2B4	8001/U	90	BLUE	1915
2B5	8001/U	70	BLUE	1361
2B6	8001/U	70	BLUE	1212
3B1	TNL	280	BLUE	4494
3B2	TNL	220	BLUE	4608
3B3	TNL	220	BLUE	4732
stab	TNL	80	RED	4737

ref.	mat.	kg	color	mm
C				
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
c14	8001/U	50	ORG	1590
2C1	8001/U	70	BLUE	598
2C2	8001/U	70	BLUE	582
2C3	8001/U	70	BLUE	559
2C4	8001/U	70	BLUE	544
2C5	8001/U	70	BLUE	1402
2C6	8001/U	70	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	TNL	280	BLUE	5218
3C2	TNL	220	BLUE	5247
3C3	TNL	140	BLUE	4753

ref.	mat.	kg	color	mm
D				
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	70	BLUE	701
2D2	8001/U	70	BLUE	676
2D3	8001/U	70	BLUE	652
2D4	8001/U	70	BLUE	606
3BR1	TNL	280	RED	4737
3BR2	TNL	220	RED	4608
3BR3	TNL	140	RED	4753

ref.	mat.	kg	color	mm
BRAKE				
br1	TNL	80	RED	673
br2	TNL	80	RED	330
br3	TNL	80	RED	598
br4	TNL	80	RED	603
br5	TNL	80	RED	617
br6	TNL	80	RED	468
br7	TNL	80	RED	477
br8	TNL	80	RED	551
br9	TNL	80	RED	492
br10	TNL	80	RED	416
br11	TNL	80	RED	335
br12	TNL	80	RED	433
2BR1	TNL	80	RED	1.052
2BR2	TNL	80	RED	649
2BR3	TNL	80	RED	884
2BR4	TNL	80	RED	829
2BR5	TNL	80	RED	593
2BR6	TNL	80	RED	656
3BR1	TNL	80	RED	3037
3BR2	TNL	80	RED	2598
3BR3	TNL	80	RED	2729
BRMAIN	TARAX	240	RED	3436
			KNOT POINT:	3236

LINES

HIKO - 30

ref.	mat.	kg	color	mm
A				
a1	DC	100	WHT	377
a2	DC	60	WHT	324
a3	DC	60	WHT	331
a4	DC	60	WHT	363
a5	DC	60	WHT	352
a6	DC	60	WHT	303
a7	DC	60	WHT	303
a8	DC	60	WHT	323
a9	8001/U	70	ORG	676
a10	8001/U	50	ORG	559
a11	8001/U	50	ORG	654
a12	8001/U	50	ORG	628
a13	8001/U	50	ORG	760
a14	8001/U	50	ORG	1576
2A1	8001/U	130	ORG	2253
2A2	8001/U	130	ORG	2213
2A3	8001/U	130	ORG	2070
2A4	8001/U	90	ORG	2017
2A5	8001/U	70	ORG	1481
2A6	8001/U	70	ORG	1280
2st1	8001/U	50	ORG	908
3A1	TNL	280	GREEN	4767
3A2	TNL	280	GREEN	4869
3A3	TNL	220	GREEN	4938

ref.	mat.	kg	color	mm
B				
b1	DC	60	WHT	373
b2	DC	60	WHT	320
b3	DC	60	WHT	327
b4	DC	60	WHT	359
b5	DC	60	WHT	346
b6	DC	40	WHT	300
b7	DC	40	WHT	297
b8	DC	60	WHT	319
b9	8001/U	50	BLUE	651
b10	8001/U	50	BLUE	550
b11	8001/U	50	BLUE	614
b12	8001/U	50	BLUE	601
b13	8001/U	50	ORG	736
b14	8001/U	50	ORG	1577
2B1	8001/U	130	BLUE	2228
2B2	8001/U	130	BLUE	2187
2B3	8001/U	130	BLUE	2035
2B4	8001/U	90	BLUE	1991
2B5	8001/U	70	BLUE	1414
2B6	8001/U	70	BLUE	1259
3B1	TNL	280	BLUE	4690
3B2	TNL	220	BLUE	4812
3B3	TNL	220	BLUE	4943
stab	TNL	80	RED	4948

ref.	mat.	kg	color	mm
C				
c1	DC	40	WHT	378
c2	DC	40	WHT	305
c3	DC	40	WHT	311
c4	DC	40	WHT	367
c5	DC	40	WHT	351
c6	DC	40	WHT	288
c7	DC	40	WHT	287
c8	DC	40	WHT	326
c9	8001/U	50	BLUE	654
c10	8001/U	50	BLUE	549
c11	8001/U	50	BLUE	612
c12	8001/U	50	BLUE	579
c14	8001/U	50	ORG	1652
2C1	8001/U	70	BLUE	621
2C2	8001/U	70	BLUE	605
2C3	8001/U	70	BLUE	580
2C4	8001/U	70	BLUE	565
2C5	8001/U	70	BLUE	1457
2C6	8001/U	70	BLUE	1299
2CD1	8001/U	90	BLUE	960
2CD2	8001/U	90	BLUE	939
2CD3	8001/U	70	BLUE	896
2CD4	8001/U	70	BLUE	865
3C1	TNL	280	BLUE	5443
3C2	TNL	220	BLUE	5476
3C3	TNL	140	BLUE	4965

ref.	mat.	kg	color	mm
D				
d1	DC	40	WHT	379
d2	DC	40	WHT	311
d3	DC	40	WHT	321
d4	DC	40	WHT	366
d5	DC	40	WHT	355
d6	DC	40	WHT	287
d7	DC	40	WHT	306
d8	DC	40	WHT	319
2D1	8001/U	70	BLUE	728
2D2	8001/U	70	BLUE	703
2D3	8001/U	70	BLUE	677
2D4	8001/U	70	BLUE	630
3D1	TNL	280	BLUE	5443
3D2	TNL	220	BLUE	5476
3D3	TNL	140	BLUE	4965

ref.	mat.	kg	color	mm
BRAKE				
br1	TNL	80	RED	699
br2	TNL	80	RED	343
br3	TNL	80	RED	621
br4	TNL	80	RED	627
br5	TNL	80	RED	641
br6	TNL	80	RED	487
br7	TNL	80	RED	496
br8	TNL	80	RED	573
br9	TNL	80	RED	511
br10	TNL	80	RED	432
br11	TNL	80	RED	347
br12	TNL	80	RED	449
2BR1	TNL	80	RED	1.093
2BR2	TNL	80	RED	675
2BR3	TNL	80	RED	918
2BR4	TNL	80	RED	862
2BR5	TNL	80	RED	615
2BR6	TNL	80	RED	683
3BR1	TNL	80	RED	3153
3BR2	TNL	80	RED	2700
3BR3	TNL	80	RED	2838
BRMAIN	TARAX	240	RED	3582
			KNOT POINT:	3382

LINE MEASUREMENTS

HIKO - 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 - 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 - 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 - 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 - 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

HIKO - 30

LINES HEIGHT + RISER MM					
	A	B	C	D	br
1	7935	7829	7945	8053	8354
2	7881	7776	7872	7985	7998
3	7849	7742	7841	7949	7858
4	7881	7774	7897	7994	7864
5	7831	7734	7848	7949	7668
6	7782	7688	7785	7881	7514
7	7732	7641	7738	7822	7467
8	7752	7663	7777	7835	7544
9	7638	7554	7627		7373
10	7523	7453	7522		7294
11	7418	7362	7427		7277
12	7392	7349	7389		7379
13	7159	7135	7147		
14	7071	7072			

RISERS LENGHT MM				
A	A'	B	C	
530	530	530	530	STANDARD
350	350	410	530	ACCELERATED

SUSPENSION

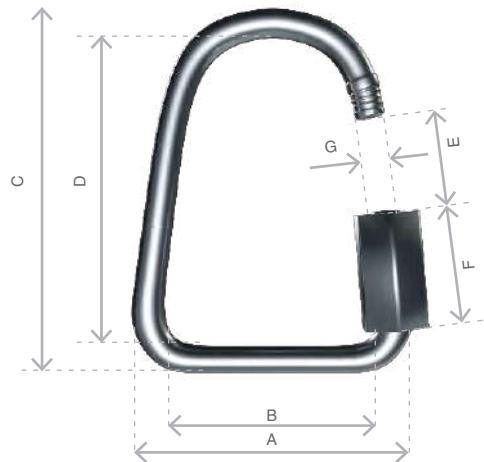
MATERIAL CODE		DC	DC	DC	A-8001/U	A-8001/U	A-8001/U	TNL	TNL	TNL	TNL	TARAX
STRENGTH CODE		040	060	100	50	070	90	80	140	220	280	240
DIAMETER m/m	ø	0,5	0,6	0,8	0,5	0,7	0,8	0,9	1,4	1,6	1,8	1,9
CORE MATERIAL		DYNEEMA	DYNEEMA	Dyneema	ARAMID	ARAMID	ARAMID	ARAMID	Technora	Technora	Technora	Dyneema
SLEEVE MATERIAL		NO	NO	NO	NO	NO	NO	NO	Polyester	Polyester	Polyester	Polyester
WEIGHT G/M	TOTAL	0,19	0,24	0,42	0,25	0,4	0,5	0,8	1,2	1,6	2,7	2,3
BREAKING STRENGTH daN	MINIMUM	40	60	100	50	70	90	130	140	220	280	240
	MAXIMUM	48	84	110		78	110	144	160	250	320	
STRENGTH AFTER												
5.000 BENDING	TEST EN	33	74	99	26	39	49	88	76,1	114,2	134,7	
CYCLES												
ELONGATION AT	5 daN en %				0,4	0,5	0,4	0,4	0,2	0,2	0,2	0,1-0,3
	10 daN en %		0,43	0,36	0,7	0,7	0,6	0,6	0,3	0,3	0,3	0,2-0,4
	15 daN en %				1,1	1	0,8	0,8	0,5	0,5	0,4	0,2-0,6
	20 daN en %				1,5	1,3	1	0,9	0,6	0,6	0,4	0,3-0,7
	25 daN en %				1,9	1,5	1,3	1	0,8	0,7	0,5	0,4-0,8
	30 daN en %		1,2	1	3,3	2,8	2,3	1,8	1,5	1,2	0,9	
	75 daN en %					3,7	3,2	3,1	2,3	1,8	1,3	0,9-1,2
	100 daN en %								2,7	2,2	1,7	1,1-1,5
	125 daN en %								3,2	2,7	2	
	150 daN en %									3	2,3	1,5-2,1
	175 daN en %									3,3	2,7	
	200 daN en %									3,8	2,8	2-2,8
ELONGATION MAX. BREAKING STRENGTH %			3,2	3,4	3,8	3,9	4,3	4	3,4	4	4,1	

MAILLON & PULLEY

DESCRIPTION MAILLON

MAILLON	DELTA
CODE	3.5
MATERIAL	STAINLESS STEEL
SIZE	3 M/M
WEIGHT	5 G/PIECE
QUANTITY	8 PIECES
INSERTS	2 GREEN / 6 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	14 G/PIECE

TECHNICAL SPECIFICATIONS



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

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

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%
WEIGTH	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 %
WEIGTH	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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