

KODE 2 P

Technical *specifications*



PIVIUK BEYOND
THE GLIDE

TECHNICAL SPECIFICATIONS

			12	14	16	18	20	22	24	26
Cells	Number		34	34	34	34	34	34	34	34
Aspect ratio	Flat		4,6	4,6	4,6	4,6	4,6	4,6	4,6	4,6
	Projected		3,8	3,8	3,8	3,8	3,7	3,7	3,7	3,7
Area	Flat	m2	12,5	14	16	18	20	22	24	26
	Projected	m2	11,17	12,54	14,36	16,02	17,68	19,45	21,22	23,00
Span	Flat	m	7,58	8,03	8,58	9,01	9,59	10,06	10,50	10,94
Chord	Maximum	m	2,01	2,13	2,28	2,42	2,55	2,67	2,79	2,90
Lines	Total	m	191	202	216	230	242	254	266	277
	Main		2+1/4/3	2+1/4/3	2+1/4/3	2+1/4/3	2+1/4/3	2+1/4/3	2+1/4/3	2+1/4/3
Risers	Number		A-A'/B/C	A-A'/B/C	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	110	110	140	140	140	140	140	140
Glider weight	kg		1,49	1,60	1,79	1,97	2,15	2,31	2,47	2,63
Glider volume	L		8,5	9	10	10,5	11	11,5	12	12,5
Certification			EN 926-1 Max. 90 kg	-	-	-	-	-	-	-
Weight range	EN/NIL A	kg	-	-	-	50-75	60-85	65-90	70-100	90-119
Weight range	EN/NIL B	kg	-	-	-	-	85-105	-	-	-
Weight range	EN/NIL C	kg	-	-	50-85	75-95	-	-	-	-
Weight range	EN/NIL D	kg	-	50-85	-	-	-	-	-	-

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	D10	DOMINICO TEX CO (KOREA)
BOTTOM SURFACE	D10-22	DOMINICO TEX CO (KOREA)
PROFILES	70000 E91	PORCHER IND (FRANCE)
	2044 32 FM	DOMINICO TEX CO (KOREA)
DIAGONALS	70000 E91	PORCHER IND (FRANCE)
TENSION BANDS	2044 32 FM	DOMINICO TEX CO (KOREA)
LOOPS	LKI - 12	KOLON IND. (KOREA)
REINFORCEMENT LOOPS	30D ST	DOMINICO TEX CO (KOREA)
TRAILING EDGE REINFORCEMENT	MYLAR	D-P (GERMANY)
RIBS REINFORCEMENT	LTN-0.5/0.8 STICK	SPORTWARE CO.CHINA
THREAD	SERAFIL 60	AMAN (GERMANY)

SUSPENSION LINES	FABRIC CODE	SUPPLIER
UPPER CASCADES	A-8001/U 40	EDELRID (GERMANY)
UPPER CASCADES	A-8001/U 50	EDELRID (GERMANY)
UPPER CASCADES	A-8001/U 70	EDELRID (GERMANY)
UPPER CASCADES	A-8001/U 90	EDELRID (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)
MAIN	A-8001/U 70	EDELRID (GERMANY)
MAIN	A-8001/U 130	EDELRID (GERMANY)
MAIN	A-8001/U 190	EDELRID (GERMANY)
MAIN	A-8001/U 230	EDELRID (GERMANY)
MAIN BREAK	TARAX-200	EDELRID (GERMANY)

RISERS	FABRIC CODE	SUPPLIER
MATERIAL	CSAR7	COUSIN (FRANCE)
COLOR INDICATOR	210D	TECNI SANGLES (FRANCE)
THREAD	V138	COATS (ENGLAND)
PULLEYS	RF25109	RONSTAN (AUSTRALIA)



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.

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.

- 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.

- 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.

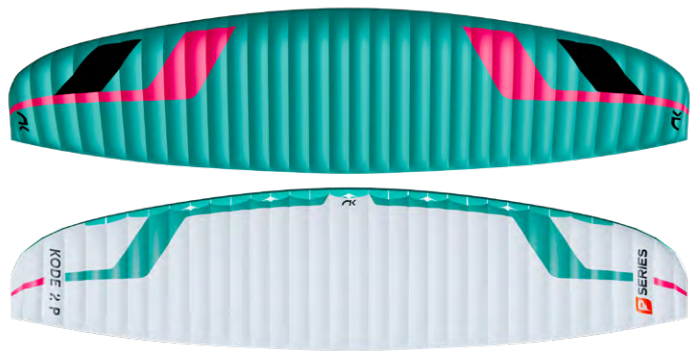
RISER PLAN



COLORS



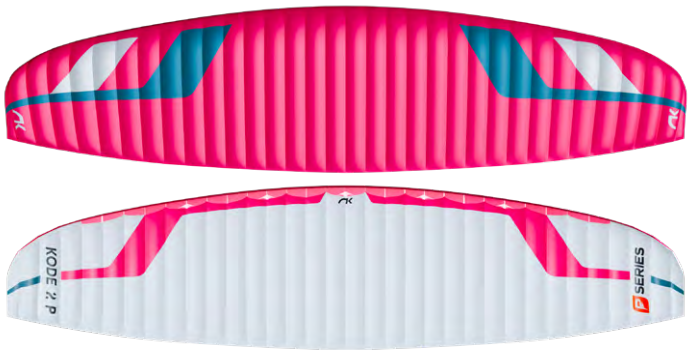
INK	UPPER	SLATE BLUE	LOWER	WHITE
	TOP 1	LIME	BOTTOM 1	SLATE BLUE
	TOP 2	WHITE	BOTTOM 2	LIME



TEAL	UPPER	SPECTRA GREEN	LOWER	WHITE
	TOP 1	PINK	BOTTOM 1	SPECTRA GREEN
	TOP 2	BLACK	BOTTOM 2	PINK



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



ANTIAS	UPPER	PINK	LOWER	WHITE
	TOP 1	SLATE BLUE	BOTTOM 1	PINK
	TOP 2	WHITE	BOTTOM 2	SLATE BLUE

WING LOAD

KODE 2 P

12		
P.T.V.		KG/M2
45	=	3.60
50	=	4.00
55	=	4.40
60	=	4.80
65	=	5.20
70	=	5.60
75	=	6.00
80	=	6.40
85	=	6.80
90	=	7.20

14		
P.T.V.		KG/M2
50	=	3.57
55	=	3.93
60	=	4.29
65	=	4.64
70	=	5.00
75	=	5.36
80	=	5.71
85	=	6.07

16		
P.T.V.		KG/M2
50	=	3.13
55	=	3.44
60	=	3.75
65	=	4.06
70	=	4.38
75	=	4.69
80	=	5.00
85	=	5.31

18		
P.T.V.		KG/M2
50	=	2.78
55	=	3.06
60	=	3.33
65	=	3.61
70	=	3.89
75	=	4.17
80	=	4.44
85	=	4.72
90	=	5.00
95	=	5.28

20		
P.T.V.		KG/M2
60	=	3.00
65	=	3.25
70	=	3.50
75	=	3.75
80	=	4.00
85	=	4.25
90	=	4.50
95	=	4.75
100	=	5.00
105	=	5.25

22		
P.T.V.		KG/M2
65	=	2.95
70	=	3.18
75	=	3.41
80	=	3.64
85	=	3.86
90	=	4.09

24		
P.T.V.		KG/M2
70	=	2.92
75	=	3.13
80	=	3.33
85	=	3.54
90	=	3.75
95	=	3.96
100	=	4.17

26		
P.T.V.		KG/M2
90	=	3.40
95	=	3.58
100	=	3.77
105	=	3.96
110	=	4.15
115	=	4.34
119	=	4.49

LINES

KODE 2 P - 12

ref.	mat.	kg	color	mm
A				
a1	A/8001U	90	ORANGE	934
a2	A/8001U	70	ORANGE	895
a3	A/8001U	90	ORANGE	910
a4	A/8001U	90	ORANGE	900
a5	A/8001U	70	ORANGE	879
a6	A/8001U	70	ORANGE	909
a7	A/8001U	50	ORANGE	894
a8	A/8001U	50	ORANGE	842
a9	A/8001U	50	ORANGE	829
a10	A/8001U	40	ORANGE	879
a11	A/8001U	40	ORANGE	843
a12	A/8001U	40	ORANGE	848
a13	A/8001U	40	ORANGE	843
a14	A/8001U	40	ORANGE	803
2A1	A/8001U	130	ORANGE	1103
2A2	A/8001U	90	ORANGE	1031
3A1	A/8001U	230	ORANGE	3302
3A2	A/8001U	190	ORANGE	3307
3A3	A/8001U	190	ORANGE	2249

ref.	mat.	kg	color	mm
B				
b1	A/800IU	90	BLUE	927
b2	A/800IU	70	BLUE	884
b3	A/800IU	70	BLUE	896
b4	A/800IU	70	BLUE	884
b5	A/800IU	50	BLUE	863
b6	A/800IU	50	BLUE	892
b7	A/800IU	50	BLUE	861
b8	A/800IU	40	BLUE	815
b9	A/800IU	40	BLUE	809
b10	A/800IU	40	BLUE	822
b11	A/800IU	40	BLUE	807
b12	A/800IU	40	BLUE	818
b13	A/800IU	40	ORANGE	835
b14	A/800IU	40	ORANGE	819
2B1	A/800IU	90	BLUE	1041
2B2	A/800IU	70	BLUE	1012
2ST1	A/800IU	50	ORANGE	822
2ST2	A/800IU	50	ORANGE	798
3B1	A/800IU	190	BLUE	3221
3B2	A/800IU	130	BLUE	3227
3B3	A/800IU	130	BLUE	2270
STB MAIN	A/800IU	70	ORANGE	2371

ref.	mat.	kg	color	mm
C				
c1	A/8001U	50	BLUE	982
c2	A/8001U	40	BLUE	944
c3	A/8001U	40	BLUE	957
c4	A/8001U	40	BLUE	934
c5	A/8001U	40	BLUE	918
c6	A/8001U	40	BLUE	948
c7	A/8001U	40	BLUE	817
c8	A/8001U	40	BLUE	760
c9	A/8001U	40	BLUE	748
c10	A/8001U	40	BLUE	674
c11	A/8001U	40	BLUE	674
c12	A/8001U	40	BLUE	709
c13	A/8001U	40	ORANGE	962
c14	A/8001U	40	ORANGE	918
2C1	A/8001U	70	BLUE	541
2C2	A/8001U	70	BLUE	610
3c1	A/8001U	130	BLUE	3227
3c2	A/8001U	130	BLUE	3247
3c3	A/8001U	130	BLUE	2892

[illegible]

ref.	mat.	kg	color	mm
BRAKE				
br1	A/8001U	40	ORANGE	1017
br2	A/8001U	40	ORANGE	840
br3	A/8001U	40	ORANGE	795
br4	A/8001U	40	ORANGE	913
br5	A/8001U	40	ORANGE	844
br6	A/8001U	40	ORANGE	881
br7	A/8001U	40	ORANGE	486
br8	A/8001U	40	ORANGE	397
br9	A/8001U	40	ORANGE	396
br10	A/8001U	40	ORANGE	381
2BR1	A/8001U	50	BLUE	408
2BR2	A/8001U	50	BLUE	368
3BR1	A/8001U	70	BLUE	1625
3BR2	A/8001U	70	BLUE	1433
3BR3	A/8001U	70	BLUE	1495
BRMAIN	TARAX	200	RED	2354
KNOT POINT:				2154

LINES

KODE 2 P - 14

ref.	mat.	kg	color	mm
A				
a1	A/8001U	90	ORANGE	988
a2	A/8001U	70	ORANGE	948
a3	A/8001U	90	ORANGE	965
a4	A/8001U	90	ORANGE	952
a5	A/8001U	70	ORANGE	931
a6	A/8001U	70	ORANGE	962
a7	A/8001U	50	ORANGE	946
a8	A/8001U	50	ORANGE	891
a9	A/8001U	50	ORANGE	878
a10	A/8001U	40	ORANGE	930
a11	A/8001U	40	ORANGE	892
a12	A/8001U	40	ORANGE	898
a13	A/8001U	40	ORANGE	893
a14	A/8001U	40	ORANGE	850
2A1	A/8001U	130	ORANGE	1167
2A2	A/8001U	90	ORANGE	1091
3A1	A/8001U	230	ORANGE	3525
3A2	A/8001U	190	ORANGE	3535
3A3	A/8001U	190	ORANGE	2414

ref.	mat.	kg	color	mm
B				
b1	A/800IU	90	BLUE	979
b2	A/800IU	70	BLUE	936
b3	A/800IU	70	BLUE	950
b4	A/800IU	70	BLUE	934
b5	A/800IU	50	BLUE	913
b6	A/800IU	50	BLUE	945
b7	A/800IU	50	BLUE	911
b8	A/800IU	40	BLUE	863
b9	A/800IU	40	BLUE	856
b10	A/800IU	40	BLUE	870
b11	A/800IU	40	BLUE	854
b12	A/800IU	40	BLUE	866
b13	A/800IU	40	ORANGE	883
b14	A/800IU	40	ORANGE	866
2B1	A/800IU	90	BLUE	1101
2B2	A/800IU	70	BLUE	1071
2ST1	A/800IU	50	ORANGE	870
2ST2	A/800IU	50	ORANGE	844
3B1	A/800IU	190	BLUE	3.443
3B2	A/800IU	130	BLUE	3455
3B3	A/800IU	130	BLUE	2438
STB MAIN	A/800IU	70	ORANGE	2548

ref.	mat.	kg	color	mm
C				
c1	A/8001U	50	BLUE	1037
c2	A/8001U	40	BLUE	999
c3	A/8001U	40	BLUE	1014
c4	A/8001U	40	BLUE	988
c5	A/8001U	40	BLUE	972
c6	A/8001U	40	BLUE	1004
c7	A/8001U	40	BLUE	865
c8	A/8001U	40	BLUE	805
c9	A/8001U	40	BLUE	792
c10	A/8001U	40	BLUE	713
c11	A/8001U	40	BLUE	713
c12	A/8001U	40	BLUE	751
c13	A/8001U	40	ORANGE	1018
c14	A/8001U	40	ORANGE	971
2C1	A/8001U	70	BLUE	572
2C2	A/8001U	70	BLUE	646
3c1	A/8001U	130	BLUE	3445
3c2	A/8001U	130	BLUE	3458
3c3	A/8001U	130	BLUE	3098

[illegible]

ref.	mat.	kg	color	mm
BRAKE				
br1	A/8001U	40	ORANGE	1075
br2	A/8001U	40	ORANGE	890
br3	A/8001U	40	ORANGE	843
br4	A/8001U	40	ORANGE	965
br5	A/8001U	40	ORANGE	894
br6	A/8001U	40	ORANGE	934
br7	A/8001U	40	ORANGE	513
br8	A/8001U	40	ORANGE	420
br9	A/8001U	40	ORANGE	419
br10	A/8001U	40	ORANGE	404
2BR1	A/8001U	50	BLUE	431
2BR2	A/8001U	50	BLUE	389
3BR1	A/8001U	70	BLUE	1715
3BR2	A/8001U	70	BLUE	1516
3BR3	A/8001U	70	BLUE	1587
BRMAIN	TARAX	200	RED	2550
KNOT POINT:				2350

LINES

KODE 2 P - 16

ref.	mat.	kg	color	mm
A				
a1	A/8001U	90	ORANGE	1055
a2	A/8001U	70	ORANGE	1014
a3	A/8001U	90	ORANGE	1034
a4	A/8001U	90	ORANGE	1015
a5	A/8001U	70	ORANGE	995
a6	A/8001U	70	ORANGE	1032
a7	A/8001U	50	ORANGE	1010
a8	A/8001U	50	ORANGE	954
a9	A/8001U	50	ORANGE	945
a10	A/8001U	40	ORANGE	991
a11	A/8001U	40	ORANGE	954
a12	A/8001U	40	ORANGE	965
a13	A/8001U	40	ORANGE	956
a14	A/8001U	40	ORANGE	913
2A1	A/8001U	130	ORANGE	1243
2A2	A/8001U	90	ORANGE	1176
3A1	A/8001U	230	ORANGE	3760
3A2	A/8001U	190	ORANGE	3785
3A3	A/8001U	190	ORANGE	2614

ref.	mat.	kg	color	mm
B				
b1	A/800IU	90	BLUE	1046
b2	A/800IU	70	BLUE	1002
b3	A/800IU	70	BLUE	1019
b4	A/800IU	70	BLUE	996
b5	A/800IU	50	BLUE	977
b6	A/800IU	50	BLUE	1014
b7	A/800IU	50	BLUE	972
b8	A/800IU	40	BLUE	924
b9	A/800IU	40	BLUE	921
b10	A/800IU	40	BLUE	926
b11	A/800IU	40	BLUE	913
b12	A/800IU	40	BLUE	931
b13	A/800IU	40	ORANGE	946
b14	A/800IU	40	ORANGE	930
2B1	A/800IU	90	BLUE	1171
2B2	A/800IU	70	BLUE	1154
2ST1	A/800IU	50	ORANGE	932
2ST2	A/800IU	50	ORANGE	907
3B1	A/800IU	190	BLUE	3675
3B2	A/800IU	130	BLUE	3703
3B3	A/800IU	130	BLUE	2643
STB MAIN	A/800IU	70	ORANGE	2768

ref.	mat.	kg	color	mm
C				
c1	A/8001U	50	BLUE	1106
c2	A/8001U	40	BLUE	1067
c3	A/8001U	40	BLUE	1085
c4	A/8001U	40	BLUE	1055
c5	A/8001U	40	BLUE	1040
c6	A/8001U	40	BLUE	1078
c7	A/8001U	40	BLUE	921
c8	A/8001U	40	BLUE	860
c9	A/8001U	40	BLUE	851
c10	A/8001U	40	BLUE	757
c11	A/8001U	40	BLUE	762
c12	A/8001U	40	BLUE	806
c13	A/8001U	40	ORANGE	1090
c14	A/8001U	40	ORANGE	1042
2C1	A/8001U	70	BLUE	607
2C2	A/8001U	70	BLUE	699
3c1	A/8001U	130	BLUE	3674
3c2	A/8001U	130	BLUE	3709
3c3	A/8001U	130	BLUE	3344

[illegible]

ref.	mat.	kg	color	mm
BRAKE				
br1	A/8001U	40	ORANGE	1149
br2	A/8001U	40	ORANGE	952
br3	A/8001U	40	ORANGE	905
br4	A/8001U	40	ORANGE	1027
br5	A/8001U	40	ORANGE	956
br6	A/8001U	40	ORANGE	1004
br7	A/8001U	40	ORANGE	542
br8	A/8001U	40	ORANGE	449
br9	A/8001U	40	ORANGE	448
br10	A/8001U	40	ORANGE	436
2BR1	A/8001U	50	BLUE	458
2BR2	A/8001U	50	BLUE	419
3BR1	A/8001U	70	BLUE	1815
3BR2	A/8001U	70	BLUE	1617
3BR3	A/8001U	70	BLUE	1717
BRMAIN	TARAX	200	RED	2693
KNOT POINT:				2493

LINES

KODE 2 P - 18

ref.	mat.	kg	color	mm
A				
a1	A/8001U	90	ORANGE	1118
a2	A/8001U	70	ORANGE	1075
a3	A/8001U	90	ORANGE	1096
a4	A/8001U	90	ORANGE	1079
a5	A/8001U	70	ORANGE	1055
a6	A/8001U	70	ORANGE	1091
a7	A/8001U	50	ORANGE	1073
a8	A/8001U	50	ORANGE	1009
a9	A/8001U	50	ORANGE	994
a10	A/8001U	40	ORANGE	1055
a11	A/8001U	40	ORANGE	1011
a12	A/8001U	40	ORANGE	1015
a13	A/8001U	40	ORANGE	1010
a14	A/8001U	40	ORANGE	961
2A1	A/8001U	130	ORANGE	1325
2A2	A/8001U	90	ORANGE	1234
3A1	A/8001U	230	ORANGE	4033
3A2	A/8001U	190	ORANGE	4048
3A3	A/8001U	190	ORANGE	2787

ref.	mat.	kg	color	mm
B				
b1	A/800IU	90	BLUE	1108
b2	A/800IU	70	BLUE	1062
b3	A/800IU	70	BLUE	1080
b4	A/800IU	70	BLUE	1058
b5	A/800IU	50	BLUE	1035
b6	A/800IU	50	BLUE	1071
b7	A/800IU	50	BLUE	1033
b8	A/800IU	40	BLUE	977
b9	A/800IU	40	BLUE	969
b10	A/800IU	40	BLUE	988
b11	A/800IU	40	BLUE	968
b12	A/800IU	40	BLUE	980
b13	A/800IU	40	ORANGE	1000
b14	A/800IU	40	ORANGE	980
2B1	A/800IU	90	BLUE	1249
2B2	A/800IU	70	BLUE	1211
2ST1	A/800IU	50	ORANGE	985
2ST2	A/800IU	50	ORANGE	955
3B1	A/800IU	190	BLUE	3938
3B2	A/800IU	130	BLUE	3958
3B3	A/800IU	130	BLUE	2808
STB MAIN	A/800IU	70	ORANGE	2921

ref.	mat.	kg	color	mm
C				
c1	A/8001U	50	BLUE	1172
c2	A/8001U	40	BLUE	1131
c3	A/8001U	40	BLUE	1150
c4	A/8001U	40	BLUE	1119
c5	A/8001U	40	BLUE	1101
c6	A/8001U	40	BLUE	1138
c7	A/8001U	40	BLUE	981
c8	A/8001U	40	BLUE	912
c9	A/8001U	40	BLUE	896
c10	A/8001U	40	BLUE	811
c11	A/8001U	40	BLUE	809
c12	A/8001U	40	BLUE	849
c13	A/8001U	40	ORANGE	1153
c14	A/8001U	40	ORANGE	1099
2C1	A/8001U	70	BLUE	651
2C2	A/8001U	70	BLUE	728
3c1	A/8001U	130	BLUE	3929
3c2	A/8001U	130	BLUE	3960
3c3	A/8001U	130	BLUE	3549

[illegible]

ref.	mat.	kg	color	mm
BRAKE				
br1	A/8001U	40	ORANGE	1218
br2	A/8001U	40	ORANGE	1010
br3	A/8001U	40	ORANGE	959
br4	A/8001U	40	ORANGE	1094
br5	A/8001U	40	ORANGE	1013
br6	A/8001U	40	ORANGE	1059
br7	A/8001U	40	ORANGE	584
br8	A/8001U	40	ORANGE	477
br9	A/8001U	40	ORANGE	475
br10	A/8001U	40	ORANGE	456
2BR1	A/8001U	50	BLUE	490
2BR2	A/8001U	50	BLUE	440
3BR1	A/8001U	70	BLUE	1943
3BR2	A/8001U	70	BLUE	1722
3BR3	A/8001U	70	BLUE	1797
BRMAIN	TARAX	200	RED	2842
KNOT POINT:				2642

LINES

KODE 2 P - 20

ref.	mat.	kg	color	mm
A				
a1	A/8001U	90	ORANGE	1178
a2	A/8001U	70	ORANGE	1131
a3	A/8001U	90	ORANGE	1150
a4	A/8001U	90	ORANGE	1145
a5	A/8001U	70	ORANGE	1111
a6	A/8001U	70	ORANGE	1140
a7	A/8001U	50	ORANGE	1135
a8	A/8001U	50	ORANGE	1061
a9	A/8001U	50	ORANGE	1038
a10	A/8001U	40	ORANGE	1116
a11	A/8001U	40	ORANGE	1066
a12	A/8001U	40	ORANGE	1070
a13	A/8001U	40	ORANGE	1069
a14	A/8001U	40	ORANGE	1019
2A1	A/8001U	130	ORANGE	1405
2A2	A/8001U	90	ORANGE	1291
3A1	A/8001U	230	ORANGE	4279
3A2	A/8001U	190	ORANGE	4270
3A3	A/8001U	190	ORANGE	2901

ref.	mat.	kg	color	mm
B				
b1	A/800IU	90	BLUE	1165
b2	A/800IU	70	BLUE	1115
b3	A/800IU	70	BLUE	1131
b4	A/800IU	70	BLUE	1122
b5	A/800IU	50	BLUE	1090
b6	A/800IU	50	BLUE	1119
b7	A/800IU	50	BLUE	1095
b8	A/800IU	40	BLUE	1028
b9	A/800IU	40	BLUE	1014
b10	A/800IU	40	BLUE	1047
b11	A/800IU	40	BLUE	1022
b12	A/800IU	40	BLUE	1035
b13	A/800IU	40	ORANGE	1058
b14	A/800IU	40	ORANGE	1039
2B1	A/800IU	90	BLUE	1328
2B2	A/800IU	70	BLUE	1269
2ST1	A/800IU	50	ORANGE	1042
2ST2	A/800IU	50	ORANGE	1013
3B1	A/800IU	190	BLUE	4183
3B2	A/800IU	130	BLUE	4179
3B3	A/800IU	130	BLUE	2919
STB MAIN	A/800IU	70	ORANGE	3026

ref.	mat.	kg	color	mm
C				
c1	A/8001U	50	BLUE	1236
c2	A/8001U	40	BLUE	1191
c3	A/8001U	40	BLUE	1208
c4	A/8001U	40	BLUE	1183
c5	A/8001U	40	BLUE	1156
c6	A/8001U	40	BLUE	1186
c7	A/8001U	40	BLUE	1042
c8	A/8001U	40	BLUE	962
c9	A/8001U	40	BLUE	938
c10	A/8001U	40	BLUE	859
c11	A/8001U	40	BLUE	855
c12	A/8001U	40	BLUE	897
c13	A/8001U	40	ORANGE	1220
c14	A/8001U	40	ORANGE	1164
2C1	A/8001U	70	BLUE	694
2C2	A/8001U	70	BLUE	758
3c1	A/8001U	130	BLUE	4165
3c2	A/8001U	130	BLUE	4179
3c3	A/8001U	130	BLUE	3694

[illegible]

ref.	mat.	kg	color	mm
BRAKE				
br1	A/8001U	40	ORANGE	1294
br2	A/8001U	40	ORANGE	1072
br3	A/8001U	40	ORANGE	1014
br4	A/8001U	40	ORANGE	1165
br5	A/8001U	40	ORANGE	1068
br6	A/8001U	40	ORANGE	1106
br7	A/8001U	40	ORANGE	596
br8	A/8001U	40	ORANGE	482
br9	A/8001U	40	ORANGE	473
br10	A/8001U	40	ORANGE	467
2BR1	A/8001U	50	BLUE	495
2BR2	A/8001U	50	BLUE	451
3BR1	A/8001U	70	BLUE	2055
3BR2	A/8001U	70	BLUE	1791
3BR3	A/8001U	70	BLUE	1893
BRMAIN	TARAX	200	RED	2993
KNOT POINT:				2793

LINES

KODE 2 P - 22

ref.	mat.	kg	color	mm
A				
a1	A/8001U	90	ORANGE	1235
a2	A/8001U	70	ORANGE	1186
a3	A/8001U	90	ORANGE	1207
a4	A/8001U	90	ORANGE	1200
a5	A/8001U	70	ORANGE	1166
a6	A/8001U	70	ORANGE	1196
a7	A/8001U	50	ORANGE	1190
a8	A/8001U	50	ORANGE	1113
a9	A/8001U	50	ORANGE	1089
a10	A/8001U	40	ORANGE	1170
a11	A/8001U	40	ORANGE	1118
a12	A/8001U	40	ORANGE	1122
a13	A/8001U	40	ORANGE	1122
a14	A/8001U	40	ORANGE	1069
2A1	A/8001U	130	ORANGE	1473
2A2	A/8001U	90	ORANGE	1354
3A1	A/8001U	230	ORANGE	4514
3A2	A/8001U	190	ORANGE	4508
3A3	A/8001U	190	ORANGE	3074

ref.	mat.	kg	color	mm
B				
b1	A/800IU	90	BLUE	1221
b2	A/800IU	70	BLUE	1170
b3	A/800IU	70	BLUE	1188
b4	A/800IU	70	BLUE	1176
b5	A/800IU	50	BLUE	1143
b6	A/800IU	50	BLUE	1175
b7	A/800IU	50	BLUE	1148
b8	A/800IU	40	BLUE	1079
b9	A/800IU	40	BLUE	1063
b10	A/800IU	40	BLUE	1097
b11	A/800IU	40	BLUE	1072
b12	A/800IU	40	BLUE	1086
b13	A/800IU	40	ORANGE	1110
b14	A/800IU	40	ORANGE	1090
2B1	A/800IU	90	BLUE	1393
2B2	A/800IU	70	BLUE	1332
2ST1	A/800IU	50	ORANGE	1093
2ST2	A/800IU	50	ORANGE	1062
3B1	A/800IU	190	BLUE	4409
3B2	A/800IU	130	BLUE	4410
3B3	A/800IU	130	BLUE	3093
STB MAIN	A/800IU	70	ORANGE	3206

ref.	mat.	kg	color	mm
C				
c1	A/8001U	50	BLUE	1295
c2	A/8001U	40	BLUE	1249
c3	A/8001U	40	BLUE	1268
c4	A/8001U	40	BLUE	1241
c5	A/8001U	40	BLUE	1213
c6	A/8001U	40	BLUE	1245
c7	A/8001U	40	BLUE	1093
c8	A/8001U	40	BLUE	1008
c9	A/8001U	40	BLUE	984
c10	A/8001U	40	BLUE	901
c11	A/8001U	40	BLUE	897
c12	A/8001U	40	BLUE	940
c13	A/8001U	40	ORANGE	1279
c14	A/8001U	40	ORANGE	1221
2C1	A/8001U	70	BLUE	727
2C2	A/8001U	70	BLUE	796
3c1	A/8001U	130	BLUE	4398
3c2	A/8001U	130	BLUE	4415
3c3	A/8001U	130	BLUE	3915

[illegible]

ref.	mat.	kg	color	mm
BRAKE				
br1	A/8001U	40	ORANGE	1347
br2	A/8001U	40	ORANGE	1115
br3	A/8001U	40	ORANGE	1052
br4	A/8001U	40	ORANGE	1221
br5	A/8001U	40	ORANGE	1119
br6	A/8001U	40	ORANGE	1158
br7	A/8001U	40	ORANGE	644
br8	A/8001U	40	ORANGE	525
br9	A/8001U	40	ORANGE	523
br10	A/8001U	40	ORANGE	508
2BR1	A/8001U	50	BLUE	540
2BR2	A/8001U	50	BLUE	488
3BR1	A/8001U	70	BLUE	2179
3BR2	A/8001U	70	BLUE	1900
3BR3	A/8001U	70	BLUE	1962
BRMAIN	TARAX	200	RED	3131
KNOT POINT:				2931

LINES

KODE 2 P - 24

ref.	mat.	kg	color	mm
A				
a1	A/8001U	90	ORANGE	1289
a2	A/8001U	70	ORANGE	1239
a3	A/8001U	90	ORANGE	1262
a4	A/8001U	90	ORANGE	1253
a5	A/8001U	70	ORANGE	1218
a6	A/8001U	70	ORANGE	1250
a7	A/8001U	50	ORANGE	1243
a8	A/8001U	50	ORANGE	1162
a9	A/8001U	50	ORANGE	1138
a10	A/8001U	40	ORANGE	1222
a11	A/8001U	40	ORANGE	1168
a12	A/8001U	40	ORANGE	1173
a13	A/8001U	40	ORANGE	1171
a14	A/8001U	40	ORANGE	1116
2A1	A/8001U	130	ORANGE	1538
2A2	A/8001U	90	ORANGE	1415
3A1	A/8001U	230	ORANGE	4738
3A2	A/8001U	190	ORANGE	4735
3A3	A/8001U	190	ORANGE	3240

ref.	mat.	kg	color	mm
B				
b1	A/800IU	90	BLUE	1275
b2	A/800IU	70	BLUE	1222
b3	A/800IU	70	BLUE	1242
b4	A/800IU	70	BLUE	1227
b5	A/800IU	50	BLUE	1194
b6	A/800IU	50	BLUE	1228
b7	A/800IU	50	BLUE	1199
b8	A/800IU	40	BLUE	1127
b9	A/800IU	40	BLUE	1111
b10	A/800IU	40	BLUE	1146
b11	A/800IU	40	BLUE	1120
b12	A/800IU	40	BLUE	1134
b13	A/800IU	40	ORANGE	1159
b14	A/800IU	40	ORANGE	1138
2B1	A/800IU	90	BLUE	1,454
2B2	A/800IU	70	BLUE	1392
2ST1	A/800IU	50	ORANGE	1142
2ST2	A/800IU	50	ORANGE	1109
3B1	A/800IU	190	BLUE	4628
3B2	A/800IU	130	BLUE	4633
3B3	A/800IU	130	BLUE	3260
STB MAIN	A/800IU	70	ORANGE	3379

ref.	mat.	kg	color	mm
C				
c1	A/8001U	50	BLUE	1352
c2	A/8001U	40	BLUE	1304
c3	A/8001U	40	BLUE	1325
c4	A/8001U	40	BLUE	1296
c5	A/8001U	40	BLUE	1267
c6	A/8001U	40	BLUE	1301
c7	A/8001U	40	BLUE	1141
c8	A/8001U	40	BLUE	1053
c9	A/8001U	40	BLUE	1028
c10	A/8001U	40	BLUE	941
c11	A/8001U	40	BLUE	937
c12	A/8001U	40	BLUE	982
c13	A/8001U	40	ORANGE	1336
c14	A/8001U	40	ORANGE	1275
2C1	A/8001U	70	BLUE	759
2C2	A/8001U	70	BLUE	832
3c1	A/8001U	130	BLUE	4617
3c2	A/8001U	130	BLUE	4638
3c3	A/8001U	130	BLUE	4117

[illegible]

ref.	mat.	kg	color	mm
BRAKE				
br1	A/8001U	40	ORANGE	1407
br2	A/8001U	40	ORANGE	1165
br3	A/8001U	40	ORANGE	1100
br4	A/8001U	40	ORANGE	1274
br5	A/8001U	40	ORANGE	1169
br6	A/8001U	40	ORANGE	1210
br7	A/8001U	40	ORANGE	672
br8	A/8001U	40	ORANGE	548
br9	A/8001U	40	ORANGE	547
br10	A/8001U	40	ORANGE	531
2BR1	A/8001U	50	BLUE	563
2BR2	A/8001U	50	BLUE	510
3BR1	A/8001U	70	BLUE	2272
3BR2	A/8001U	70	BLUE	1984
3BR3	A/8001U	70	BLUE	2053
BRMAIN	TARAX	200	RED	3294
KNOT POINT:				3094

LINES

KODE 2 P - 26

ref.	mat.	kg	color	mm
A				
a1	A/8001U	90	ORANGE	1341
a2	A/8001U	70	ORANGE	1290
a3	A/8001U	90	ORANGE	1314
a4	A/8001U	90	ORANGE	1303
a5	A/8001U	70	ORANGE	1267
a6	A/8001U	70	ORANGE	1302
a7	A/8001U	50	ORANGE	1294
a8	A/8001U	50	ORANGE	1210
a9	A/8001U	50	ORANGE	1185
a10	A/8001U	40	ORANGE	1272
a11	A/8001U	40	ORANGE	1216
a12	A/8001U	40	ORANGE	1221
a13	A/8001U	40	ORANGE	1219
a14	A/8001U	40	ORANGE	1162
2A1	A/8001U	130	ORANGE	1601
2A2	A/8001U	90	ORANGE	1473
3A1	A/8001U	230	ORANGE	4954
3A2	A/8001U	190	ORANGE	4953
3A3	A/8001U	190	ORANGE	3398

ref.	mat.	kg	color	mm
B				
b1	A/800IU	90	BLUE	1326
b2	A/800IU	70	BLUE	1272
b3	A/800IU	70	BLUE	1294
b4	A/800IU	70	BLUE	1277
b5	A/800IU	50	BLUE	1243
b6	A/800IU	50	BLUE	1278
b7	A/800IU	50	BLUE	1248
b8	A/800IU	40	BLUE	1173
b9	A/800IU	40	BLUE	1157
b10	A/800IU	40	BLUE	1193
b11	A/800IU	40	BLUE	1166
b12	A/800IU	40	BLUE	1181
b13	A/800IU	40	ORANGE	1206
b14	A/800IU	40	ORANGE	1184
2B1	A/800IU	90	BLUE	1513
2B2	A/800IU	70	BLUE	1449
2ST1	A/800IU	50	ORANGE	1188
2ST2	A/800IU	50	ORANGE	1155
3B1	A/800IU	190	BLUE	4839
3B2	A/800IU	130	BLUE	4846
3B3	A/800IU	130	BLUE	3420
STB MAIN	A/800IU	70	ORANGE	3544

ref.	mat.	kg	color	mm
C				
c1	A/8001U	50	BLUE	1406
c2	A/8001U	40	BLUE	1357
c3	A/8001U	40	BLUE	1379
c4	A/8001U	40	BLUE	1348
c5	A/8001U	40	BLUE	1319
c6	A/8001U	40	BLUE	1355
c7	A/8001U	40	BLUE	1188
c8	A/8001U	40	BLUE	1096
c9	A/8001U	40	BLUE	1070
c10	A/8001U	40	BLUE	979
c11	A/8001U	40	BLUE	975
c12	A/8001U	40	BLUE	1023
c13	A/8001U	40	ORANGE	1390
c14	A/8001U	40	ORANGE	1327
2C1	A/8001U	70	BLUE	790
2C2	A/8001U	70	BLUE	866
3c1	A/8001U	130	BLUE	4828
3c2	A/8001U	130	BLUE	4852
3c3	A/8001U	130	BLUE	4312

[illegible]

ref.	mat.	kg	color	mm
BRAKE				
br1	A/8001U	40	ORANGE	1464
br2	A/8001U	40	ORANGE	1213
br3	A/8001U	40	ORANGE	1146
br4	A/8001U	40	ORANGE	1326
br5	A/8001U	40	ORANGE	1217
br6	A/8001U	40	ORANGE	1261
br7	A/8001U	40	ORANGE	699
br8	A/8001U	40	ORANGE	570
br9	A/8001U	40	ORANGE	569
br10	A/8001U	40	ORANGE	553
2BR1	A/8001U	50	BLUE	586
2BR2	A/8001U	50	BLUE	532
3BR1	A/8001U	70	BLUE	2362
3BR2	A/8001U	70	BLUE	2065
3BR3	A/8001U	70	BLUE	2139
BRMAIN	TARAX	200	RED	3449
KNOT POINT:			3,49	

LINE MEASUREMENTS

KODE 2 P - 12

LINES HEIGHT + RISERS mm					
	A	B	C	D	br
1	4728	4642	4706	4796	4856
2	4688	4598	4668	4772	4679
3	4704	4610	4681	4767	4634
4	4700	4605	4678	4773	4560
5	4678	4588	4662	4813	4491
6	4708	4617	4692	4733	4528
7	4732	4662	4741	4712	4603
8	4680	4616	4684		4514
9	4667	4610	4672		4473
10	4646	4595	4667		4458
11	4610	4580	4667		
12	4615	4591	4702		
13	4531	4523	4650		
14	4467	4483	4582		

KODE 2 P - 14

LINES HEIGHT + RISERS mm					
	A	B	C	D	br
1	5005	4916	4979	5075	5200
2	4964	4872	4941	5052	5015
3	4982	4886	4956	5034	4968
4	4980	4883	4943	5042	4891
5	4958	4866	4927	5101	4820
6	4989	4898	4959	5018	4860
7	5013	4940	5026	4996	4941
8	4958	4892	4966		4848
9	4945	4885	4953		4805
10	4922	4870	4948		4790
11	4884	4854	4948		
12	4890	4866	4986		
13	4806	4796	4931		
14	4737	4753	4858		

KODE 2 P - 16

LINES HEIGHT + RISERS mm					
	A	B	C	D	br
1	5307	5215	5277	5378	5517
2	5265	5170	5238	5356	5320
3	5286	5187	5256	5359	5273
4	5293	5193	5261	5372	5197
5	5272	5178	5246	5444	5126
6	5309	5215	5284	5362	5174
7	5353	5276	5363	5347	5270
8	5297	5228	5302		5177
9	5288	5225	5293		5137
10	5268	5214	5291		5125
11	5231	5201	5296		
12	5242	5219	5340		
13	5151	5141	5285		
14	5083	5100	5212		

10.7 LINE MEASUREMENTS

KODE 2 P - 18

LINES HEIGHT + RISERS mm					
	A	B	C	D	br
1	5643	5540	5598	5705	5873
2	5599	5493	5557	5682	5665
3	5621	5511	5576	5680	5614
4	5620	5510	5576	5690	5528
5	5595	5491	5558	5758	5447
6	5631	5527	5595	5661	5493
7	5671	5580	5672	5632	5583
8	5607	5524	5603		5476
9	5592	5516	5587		5424
10	5563	5498	5579		5405
11	5519	5478	5577		
12	5523	5490	5617		
13	5411	5401	5554		
14	5332	5351	5470		

KODE 2 P - 20

LINES HEIGHT + RISERS mm					
	A	B	C	D	br
1	5949	5842	5898	6014	6212
2	5901	5791	5853	5986	5990
3	5921	5807	5870	5972	5932
4	5908	5795	5859	5965	5819
5	5873	5767	5832	6011	5722
6	5902	5796	5862	5895	5760
7	5927	5832	5929	5856	5842
8	5853	5765	5841		5728
9	5830	5751	5817		5675
10	5795	5726	5802		5669
11	5745	5701	5798		
12	5749	5714	5840		
13	5632	5621	5783		
14	5553	5573	5698		

KODE 2 P - 22

LINES HEIGHT + RISERS mm					
	A	B	C	D	br
1	6241	6124	6190	6308	6527
2	6191	6072	6144	6281	6295
3	6213	6090	6163	6268	6232
4	6201	6080	6153	6262	6122
5	6166	6051	6125	6320	6020
6	6196	6083	6157	6199	6059
7	6223	6124	6226	6159	6147
8	6146	6055	6141		6028
9	6122	6039	6117		5974
10	6085	6013	6103		5959
11	6033	5988	6099		
12	6037	6002	6142		
13	5916	5904	6073		
14	5832	5853	5984		

10.7 LINE MEASUREMENTS

KODE 2 P - 24

LINES HEIGHT + RISERS mm					
	A	B	C	D	br
1	6519	6397	6466	6589	6833
2	6468	6343	6418	6562	6591
3	6492	6363	6439	6551	6526
4	6481	6354	6431	6546	6412
5	6445	6325	6402	6606	6307
6	6477	6359	6436	6480	6348
7	6507	6403	6508	6440	6442
8	6426	6331	6420		6318
9	6402	6315	6395		6264
10	6364	6289	6381		6248
11	6310	6263	6377		
12	6315	6277	6422		
13	6187	6175	6352		
14	6099	6121	6258		

KODE 2 P - 26

LINES HEIGHT + RISERS mm					
	A	B	C	D	br
1	6787	6659	6731	6860	7140
2	6735	6604	6682	6833	6889
3	6760	6626	6704	6822	6822
4	6749	6617	6697	6819	6705
5	6712	6587	6668	6883	6596
6	6747	6622	6704	6752	6640
7	6779	6671	6781	6710	6738
8	6695	6596	6689		6609
9	6670	6580	6663		6554
10	6630	6553	6648		6538
11	6574	6526	6644		
12	6579	6541	6692		
13	6446	6433	6617		
14	6356	6378	6521		

SUSPENSION

MATERIAL CODE		A-8001/U	A-8001/U	A-8001/U	8001/U	A-8001/U	A-8001/U	A-8001/U	TARAX
STRENGTH CODE		040	050	070	090	130	190	230	200
DIAMETER mm	ø	0.45	0.5	0.7	0.8	0.9	1,1	1,1 x 1,4	1.7
CORE MATERIAL		TECHNORA	ARAMID	ARAMID	ARAMID	ARAMID	ARAMID	ARAMID	DYNEEMA
SLEEVE MATERIAL		NO	NO	NO	NO	NO	NO	NO	POLYESTER
WEIGHT G/M	TOTAL	0.2	0.3	0.4	0.5	0.8	1.1	1.4	2
BREAKING STRENGTH daN	MINIMUM	40	50	70	90	130	190	230	200
	MAXIMUM		59	78	110	144		255	
STRENGTH AFTER 5.000 BENDING CYCLES	TEST EN	25	26	39	49	88	52	69	
ELONGATION AT	5 daN en %		0.4	0.5	0.4	0.4	0.4	0.3	0,1-0,3
	10 daN en %		0.7	0.7	0.6	0.6	0.6	0.5	0,2-0,6
	15 daN en %		1.1	1	0.8	0.8	0.7	0.6	0,3-0,7
	20 daN en %		1.5	1.3	1	0.9	0.9	0.7	0,3-0,9
	25 daN en %		1.9	1.5	1.3	1	1	0.8	0,4-1
	30 daN en %		3.3	2.8	2.3	1.8	1.6	1.3	
	75 daN en %			3.7	3.2	3.1	2.7	2.3	0,8-1,7
	100 daN en %						2.6	3.6	1,2-2
	125 daN en %						3.5	3.3	
	150 daN en %						4.3	3.6	1,6-2,4
	175 daN en %								
	200 daN en %								2-2,8
ELONGATION MAX. BREAKING STRENGTH %		5	5	5	5	5	5	5	5

THREAD

WING MAKING	
NAME	SERAFIL
N° OF REFERENCE	60
MATERIAL	POLYESTER
TYPE OF FINISH	SILK
LINEAR DENSITY	NM 61 / 3 (DTEX 163 * 3)
BREAKING STRENGTH	3,000 CN
ELONGATION	17,00%
QUALITIES SERAFIL	
SOLIDITY ARTIFICIAL LIGTH	ISO 105 B02 > 5 - 6
SOLIDITY SWEAT	ISO 105 E04 > 4
SOLIDITY WASHING	ISO 105 C04 > 3
SOLIDITY GRAZE IN DRY	ISO 105 X12 > 4
SOLIDITY WASHING IN DRY	ISO 105 D01 > 3 - 4
TREATMENT WATER REPELLENT	
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	CSAR7
MATERIAL	POLYESTER & TECHNORA
WIDTH	7 MM
THICKNESS	2,10 MM
BREAKING STRENGTH	600 DAN
ELONGATION	MAX. 8,1%
WEIGHT	13,6 G/M
COLOR	BLACK
COLOR INDICATOR	
N° OF REFERENCE	IC-G 1-2
MATERIAL	POLYESTER
WIDTH	70 M/M
THICKNESS	0,80 M/M
BREAKING STRENGTH	130 DN
ELONGATION	35 %
WEIGHT	32 G * L.M.
COLOR	GREEN
LOOPS	
N° OF REFERENCE	LKI - 10
MATERIAL	NYLON
WIDTH	12 M/M
BREAKING STRENGTH	84 KG
ELONGATION	30 %
WEIGHT	5,5 G/M
COLOR	WHITE



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