

TARGET

Technical *specifications*



IVIUK BEYOND THE GLIDE

TECHNICAL SPECIFICATIONS

			20	22	24	26	28	30
Cells	Number		34	34	34	34	34	34
Aspect ratio	Flat		4,75	4,75	4,75	4,75	4,75	4,75
	Projected		3,83	3,83	3,83	3,83	3,83	3,83
Area	Flat	m2	20	22	24	26	28	30
	Projected	m2	17,58	19,34	21,09	22,85	24,61	26,37
Span	Flat	m	9,75	10,22	10,68	11,22	11,53	11,94
Chord	Max	m	2,52	2,65	2,76	2,90	2,98	3,09
Lines	Total	m	243	255	267	281	289	299
	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	130	130	130	130	130	130
Glider weight		kg	3,58	3,82	4,04	4,34	4,56	4,88
Total weight in flight	Min-Max	kg	40-75	55-85	65-95	75-105	90-120	105-135
Certification			EN/LTF A	EN/LTF A	EN/LTF A	EN/LTF A	EN/LTF A	EN/LTF A

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

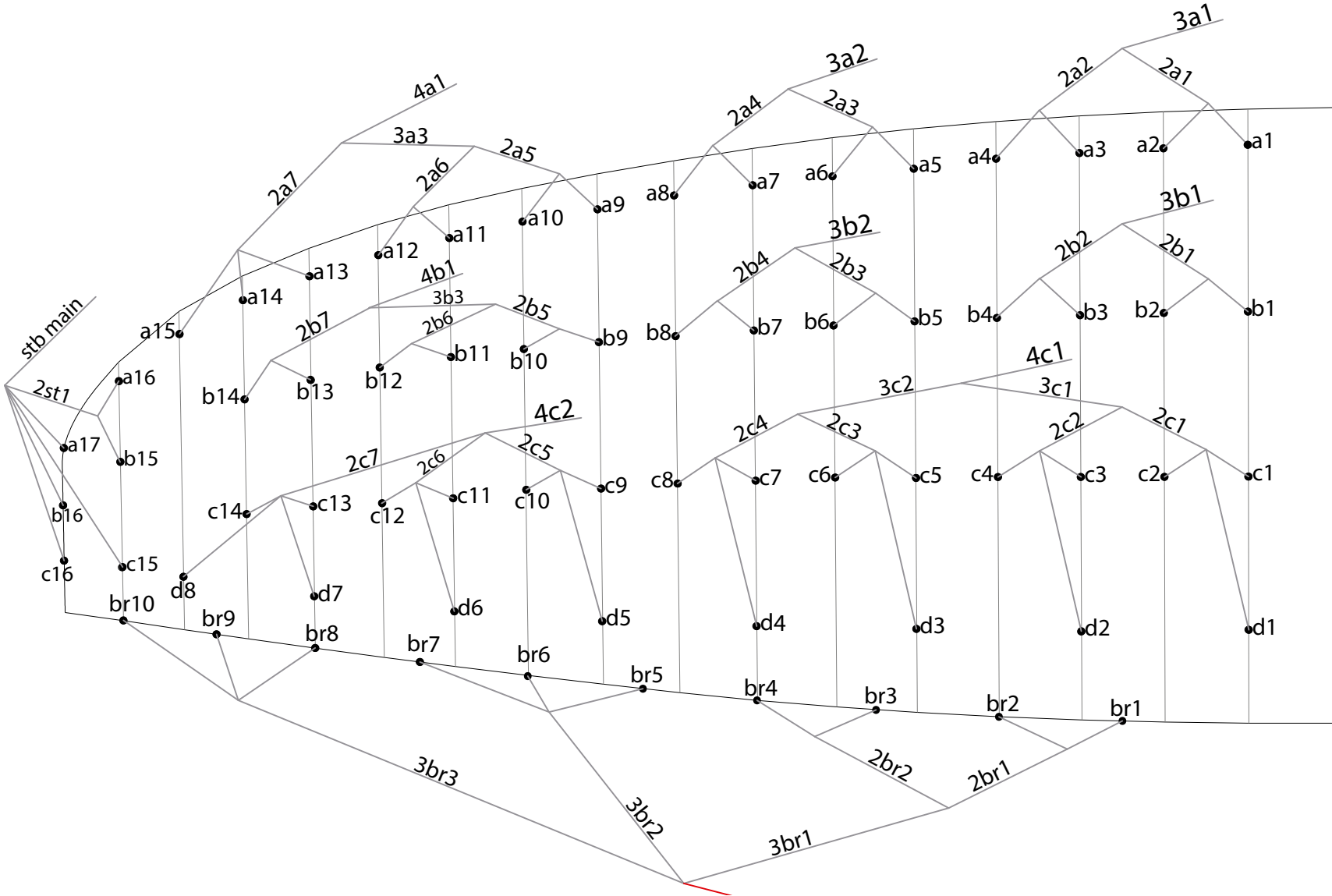
MATERIALS

CANOPY	FABRIC CODE	SUPPLIER
UPPER SURFACE	N30 DMF	DOMINICO TEX CO (KOREA)
BOTTOM SURFACE	N20 DMF	DOMINICO TEX CO (KOREA)
PROFILES	30DFM	DOMINICO TEX CO (KOREA)
DIAGONALS	30DFM	DOMINICO TEX CO (KOREA)
LOOPS	LKI - 12	KOLON IND. (KOREA)
REINFORCEMENT LOOPS	W-420	D-P (GERMANY)
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	TNL - 80	TEIJIM LIMITED (JAPAN)
MIDDLE CASCADES	TNL - 80	TEIJIM LIMITED (JAPAN)
MIDDLE CASCADES	TNL - 140	TEIJIM LIMITED (JAPAN)
MIDDLE CASCADES	TNL - 220	TEIJIM LIMITED (JAPAN)
MAIN	TNL - 140	TEIJIM LIMITED (JAPAN)
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)

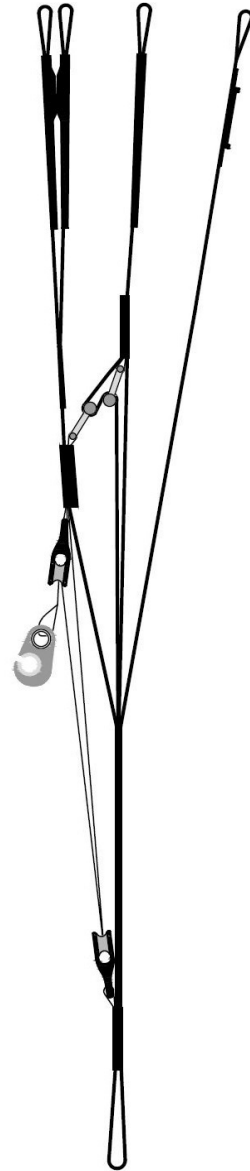
RISERS	FABRIC CODE	SUPPLIER
MATERIAL	G-R 19	TECNI SANGLES (FRANCE)
COLOR INDICATOR	210D	TECNI SANGLES (FRANCE)
THREAD	V138	COATS (ENGLAND)
MAILLONS	MRI4	ANSUNG PRECISION (KOREA)

LINE PLAN

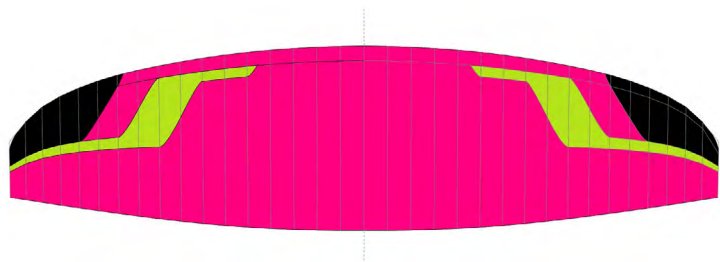


RISER PLAN

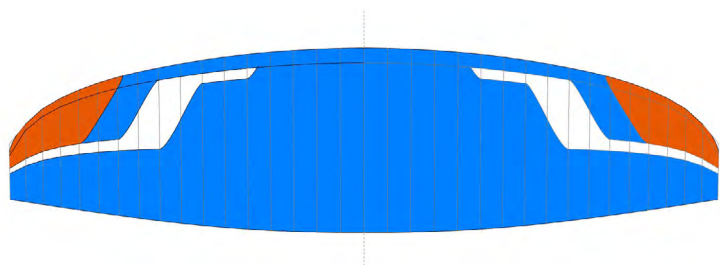
A	A'	B	C
3a1	3a3	3b1	4c1
3a2		3b2	4c2
		3b3	
		stb main	



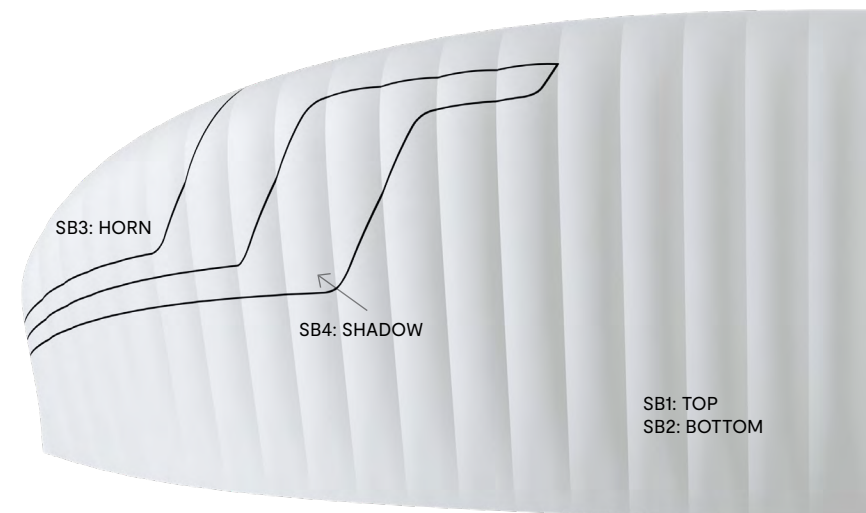
COLORS



TROIPIK	SB1	PINK	TOP	REF: 19-2047
	SB2	WHITE	BOTTOM - ALL WHITE	REF: 001
	SB3	BLACK	HORN	REF: 102
	SB4	LIMA	SHADOW	REF: 500



SKYFIRE	SB1	ROYAL BLUE	TOP	REF: 317
	SB2	WHITE	BOTTOM - ALL WHITE	REF: 001
	SB3	DARK BRICK	HORN	REF: 137
	SB4	WHITE	SHADOW	REF: 001



WING LOAD

TARGET

20		
P.T.V.	=	KG/M2
40	=	2,00
45	=	2,25
50	=	2,50
55	=	2,75
60	=	3,00
65	=	3,25
70	=	3,50
75	=	3,75

22		
P.T.V.	=	KG/M2
55	=	2,50
60	=	2,73
65	=	2,95
70	=	3,18
75	=	3,41
80	=	3,64
85	=	3,86

24		
P.T.V.	=	KG/M2
65	=	2,71
70	=	2,92
75	=	3,13
80	=	3,33
85	=	3,54
90	=	3,75
95	=	3,96

26		
P.T.V.	=	KG/M2
75	=	2,88
80	=	3,08
85	=	3,27
90	=	3,46
95	=	3,65
100	=	3,85
105	=	4,04

28		
P.T.V.	=	KG/M2
90	=	3,21
95	=	3,39
100	=	3,57
105	=	3,75
110	=	3,93
115	=	4,11
120	=	4,29

30		
P.T.V.	=	KG/M2
105	=	3,50
110	=	3,67
115	=	3,83
120	=	4,00
125	=	4,17
130	=	4,33
135	=	4,50

LINES

TARGET 22

REF.	MAT.	kg	COLOR	mm	REF.	MAT.	kg	COLOR	mm	REF.	MAT.	kg	COLOR	mm	REF.	MAT.	kg	COLOR	mm	REF.	MAT.	kg	COLOR	mm		
A					B					C					D					BRAKE						
a1	TNL	80	GREEN	877	b1	TNL	80	BLUE	867	c1	TNL	80	BLUE	839	d1	TNL	80	BLUE	964	br1	TNL	80	RED	925		
a2	TNL	80	GREEN	808	b2	TNL	80	BLUE	800	c2	TNL	80	BLUE	720	d2	TNL	80	BLUE	967	br2	TNL	80	RED	694		
a3	TNL	80	GREEN	808	b3	TNL	80	BLUE	799	c3	TNL	80	BLUE	830	d3	TNL	80	BLUE	939	br3	TNL	80	RED	693		
a4	TNL	80	GREEN	846	b4	TNL	80	BLUE	840	c4	TNL	80	BLUE	861	d4	TNL	80	BLUE	875	br4	TNL	80	RED	710		
a5	TNL	80	GREEN	827	b5	TNL	80	BLUE	810	c5	TNL	80	BLUE	809	d5	TNL	80	BLUE	884	br5	TNL	80	RED	1326		
a6	TNL	80	GREEN	771	b6	TNL	80	BLUE	757	c6	TNL	80	BLUE	804	d6	TNL	80	BLUE	797	br6	TNL	80	RED	1255		
a7	TNL	80	GREEN	771	b7	TNL	80	BLUE	757	c7	TNL	80	BLUE	743	d7	TNL	80	BLUE	1045	br7	TNL	80	RED	1293		
a8	TNL	80	GREEN	798	b8	TNL	80	BLUE	788	c8	TNL	80	BLUE	859	d8	TNL	80	BLUE	1002	br8	TNL	80	RED	1108		
a9	TNL	80	GREEN	703	b9	TNL	80	BLUE	691	c9	TNL	80	BLUE	762							br9	TNL	80	RED	1019	
a10	TNL	80	GREEN	609	b10	TNL	80	BLUE	608	c10	TNL	80	BLUE	707							br10	TNL	80	RED	837	
a11	TNL	80	GREEN	669	b11	TNL	80	BLUE	645	c11	TNL	80	BLUE	692												
a12	TNL	80	GREEN	656	b12	TNL	80	BLUE	641	c12	TNL	80	BLUE	673												
a13	TNL	80	GREEN	1309	b13	TNL	80	BLUE	620	c13	TNL	80	BLUE	967												
a14	TNL	80	GREEN	1251	b14	TNL	80	BLUE	610	c14	TNL	80	BLUE	947												
a15	TNL	80	GREEN	1236	b15	TNL	80	BLUE	585	c15	TNL	80	BLUE	1.239												
a16	TNL	80	GREEN	621	b16	TNL	80	BLUE	1142	c16	TNL	80	BLUE	1215												
a17	TNL	80	GREEN	1119																						
2a1	TNL	140	GREEN	825	2b1	TNL	140	BLUE	816	2c1	TNL	140	BLUE	488							2br1	TNL	80	RED	761	
2a2	TNL	140	GREEN	810	2b2	TNL	140	BLUE	803	2c2	TNL	140	BLUE	316							2br2	TNL	80	RED	659	
2a3	TNL	140	GREEN	782	2b3	TNL	140	BLUE	767	2c3	TNL	80	BLUE	311							3br2	TNL	80	RED	1768	
2a4	TNL	140	GREEN	769	2b4	TNL	140	BLUE	757	2c4	TNL	80	BLUE	423							3br3	TNL	80	RED	1968	
2a5	TNL	140	GREEN	866	2b5	TNL	140	BLUE	869	2c5	TNL	80	BLUE	1639							3br1	TNL	80	RED	1859	
2a6	TNL	140	GREEN	752	2b6	TNL	80	BLUE	787	2c6	TNL	80	BLUE	1596												
2a7	TNL	140	GREEN	1461	2b7	TNL	80	BLUE	1696	2C7	TNL	80	BLUE	1277												
3a3	TNL	140	GREEN	1422	3b3	TNL	140	BLUE	926	3C1	TNL	220	BLUE	1231												
					2st1	TNL	80	BLUE	583	3C2	TNL	220	BLUE	1269												
					stb main	TNL	80	RED	4253																	
3a1	TNL	280	GREEN	4218	3b1	TNL	220	BLUE	4138	4c1	TNL	400	BLUE	3439							BRMAIN	TARAX	200	RED	3229	
3a2	TNL	280	GREEN	4257	3b2	TNL	220	BLUE	4201	4c2	TNL	140	BLUE	3409												
4a1	TNL	220	GREEN	2857	4b1	TNL	140	BLUE	3278												KNOT POINT:				3029	

LINE MEASUREMENTS

TARGET - 20

LINES HEIGHT MM

	A	B	C	D	br
1	6102	6008	6167	6286	6260
2	6036	5944	6053	6125	6040
3	6021	5932	5994	6134	5944
4	6059	5971	6025	6184	5963
5	6053	5969	6009	6131	5849
6	6002	5922	6006	6014	5787
7	5991	5914	6059	5954	5830
8	6020	5947	6172	5915	5848
9	6035	5956	6014		5765
10	5949	5881	5966		5663
11	5901	5845	5914		
12	5893	5845	5902		
13	5852	5825	5881		
14	5798	5816	5863		
15	5783	5655	5731		
16	5688	5637	5706		
17	5615				

RISERS LENGHT MM

A	A'	B	C	
470	470	470	470	STANDARD
340	340	383	470	ACCELERATED

TARGET - 22

LINES HEIGHT MM

	A	B	C	D	br
1	6398	6300	6468	6593	6584
2	6329	6233	6349	6424	6353
3	6314	6219	6287	6429	6250
4	6352	6260	6318	6477	6267
5	6344	6257	6299	6416	6141
6	6288	6204	6294	6286	6070
7	6275	6194	6345	6214	6108
8	6302	6225	6461	6171	6123
9	6314	6232	6294		6034
10	6220	6149	6239		5942
11	6166	6106	6181		
12	6153	6102	6162		
13	6104	6076	6136		
14	6046	6066	6116		
15	6031	5900	5980		
16	5936	5883	5956		
17	5860				

RISERS LENGHT MM

A	A'	B	C	
470	470	470	470	STANDARD
340	340	383	470	ACCELERATED

TARGET - 24

LINES HEIGHT MM

	A	B	C	D	br
1	6682	6578	6754	6884	6886
2	6608	6506	6628	6701	6639
3	6588	6489	6559	6695	6523
4	6622	6526	6585	6733	6531
5	6607	6514	6559	6658	6389
6	6542	6453	6547	6514	6309
7	6520	6436	6595	6437	6343
8	6543	6463	6710	6414	6359
9	6551	6466	6530		6283
10	6449	6375	6468		6218
11	6388	6326	6404		
12	6371	6318	6381		
13	6320	6292	6354		
14	6268	6289	6342		
15	6266	6146	6232		
16	6184	6152	6228		
17	6127				

RISERS LENGHT MM

A	A'	B	C	
470	470	470	470	STANDARD
340	340	383	470	ACCELERATED

LINE MEASUREMENTS

TARGET - 26

LINES HEIGHT MM

	A	B	C	D	br
1	6955	6846	7029	7165	7186
2	6879	6773	6899	6978	6930
3	6858	6755	6829	6971	6808
4	6895	6794	6858	7012	6818
5	6879	6783	6830	6937	6672
6	6812	6720	6818	6788	6589
7	6790	6703	6868	6707	6626
8	6814	6731	6989	6684	6642
9	6824	6735	6803		6565
10	6718	6640	6739		6507
11	6655	6590	6673		
12	6638	6581	6649		
13	6585	6554	6621		
14	6530	6551	6608		
15	6529	6404	6493		
16	6443	6410	6489		
17	6384				

RISERS LENGHT MM

A	A'	B	C	
470	470	470	470	STANDARD
340	340	383	470	ACCELERATED

TARGET - 28

LINES HEIGHT MM

	A	B	C	D	br
1	7216	7104	7296	7437	7476
2	7138	7028	7162	7243	7211
3	7119	7011	7089	7238	7085
4	7157	7053	7119	7281	7095
5	7142	7042	7091	7205	6944
6	7072	6977	7079	7051	6859
7	7051	6961	7133	6968	6898
8	7077	6991	7258	6944	6915
9	7088	6995	7066		6835
10	6978	6897	7000		6784
11	6913	6845	6931		
12	6895	6837	6907		
13	6840	6808	6878		
14	6783	6806	6865		
15	6783	6652	6745		
16	6693	6658	6740		
17	6632				

RISERS LENGHT MM

A	A'	B	C	
470	470	470	470	STANDARD
340	340	383	470	ACCELERATED

TARGET - 30

LINES HEIGHT MM

	A	B	C	D	br
1	7470	7352	7551	7697	7753
2	7390	7275	7413	7498	7479
3	7370	7258	7339	7494	7350
4	7410	7302	7371	7541	7362
5	7395	7291	7342	7464	7207
6	7324	7224	7331	7304	7120
7	7302	7208	7387	7218	7161
8	7330	7239	7518	7193	7179
9	7342	7245	7319		7096
10	7228	7145	7251		7050
11	7161	7092	7180		
12	7143	7083	7155		
13	7086	7053	7125		
14	7027	7051	7112		
15	7027	6892	6988		
16	6935	6898	6982		
17	6870				

RISERS LENGHT MM

A	A'	B	C	
470	470	470	470	STANDARD
340	340	383	470	ACCELERATED

SUSPENSION

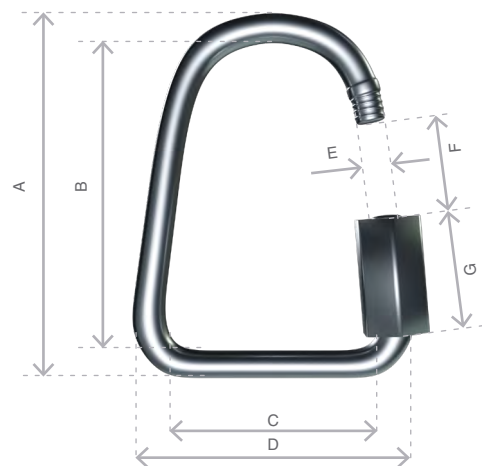
MATERIAL CODE		TNL	TNL	TNL	TNL	TNL	TARAX
STRENGTH CODE		080	140	220	280	400	200
DIAMETER m/m	∅	1,1	1,4	1,6	1,8	2,3	1,7
CORE MATERIAL		Technora	Technora	Technora	Technora	Technora	Dyneema
SLEEVE MATERIAL		Polyester	Polyester	Polyester	Polyester	Polyester	Polyester
WEIGHT G/M	TOTAL	1,1	1,2	1,6	2,7	4	2
BREAKING STRENGTH daN	MINIMUM	80	140	220	280	460	200
	MAXIMUM	92	160	250	320	470	
STRENGTH AFTER 5.000 BENDING CYCLES	TEST EN	36,7	76,1	114,2	134,7	160,1	
ELONGATION AT	5 daN en %	0,3	0,2	0,2	0,2	0,05	0,1-0,3
	10 daN en %	0,5	0,3	0,3	0,3	0,1	0,2-0,6
	15 daN en %	0,7	0,5	0,5	0,4	0,2	0,3-0,7
	20 daN en %	1	0,6	0,6	0,4	0,2	0,3-0,9
	25 daN en %	1,3	0,8	0,7	0,5	0,3	0,4-1
	30 daN en %	2,3	1,5	1,2	0,9	0,6	
	75 daN en %	2,8	2,3	1,8	1,3	0,8	0,8-1,7
	100 daN en %		2,7	2,2	1,7	1,1	1,2-2
	125 daN en %		3,2	2,7	2	1,4	
	150 daN en %			3	2,3	1,7	1,6-2,4
	175 daN en %			3,3	2,7	2	
200 daN en %			3,8	2,8	2,2	2-2,8	
ELONGATION MAX. BREAKING STRENGTH %		3	3,4	4	4,1	4,6	

MAILLON & PULLEY

DESCRIPTION

MAILLON	DELTA
CODE	MRI4
MATERIAL	STAINLESS STEEL
SIZE	4,3 m/m
WEIGHT	12 G/PIECE
QUANTITY	8 PIECES
INSERTS	4 GREEN / 4 BLACK

TECHNICAL SPECIFICATIONS



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

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

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

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	G-R 19
MATERIAL	POLYESTER
WIDTH	19 M/M
THICKNESS	1,6 M/M
BREAKING STRENGTH	850 KG
ELONGATION	MAX. 12%
WEIGHT	23 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 - 12
MATERIAL	NYLON
WIDTH	12 MM
COLOR	WHITE



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