

# INTERNATIONAL OPTIMIST CLASS

## Sail Measurement Form

**Only page 1 need be completed if the Optimist has not yet been allocated a sail number.**

Sailmaker's name: \_\_\_\_\_ Date manufactured: \_\_\_\_\_

Sail button number: \_\_\_\_\_ Date measured: \_\_\_\_\_

Owner's Name: \_\_\_\_\_

Measurer's Name IN BLOCK CAPITALS: \_\_\_\_\_

**Sails must be measured by an independent measurer (See CR 2.5.3)**

- Notes: 1. The measurer shall enter the actual measurements in the boxes where appropriate.  
 2. If the sail complies with all the requirements, the measurer shall sign and date it.  
 3. Cross out OK / Not OK as required.

ITEM	Dimension no [as per rule 6.4]	MEASUREMENT	Min. (mm)	Actual (mm)	Max. (mm)
1	2	Head length			1240
2	6	Luff length			1730
3	9	Upper edge of luff measurement band to throat point			600
4	8	Length of luff measurement band	60		
5	7	Width of luff measurement band	5		
6	5	Foot mid point to throat point			2130
7	29	Foot irregularity			15
8	3	Diagonal	2450		2580
9	1	Leech length			2800
10	22	Peak point to intersection of leech and lower edge of lowermost batten pocket	1850		1950
11	21	Peak point to intersection of leech and lower edge of uppermost batten pocket	900		1000
12	25	Deviation from straight line between lower corner of lower batten pocket and clew point	-10		5
13	24	Deviation from straight line between lower edge of top batten pocket and upper edge of lower batten pocket	-10		5
14	26	Deviation from straight line between the lower corner of the upper batten pocket and clew point	-5		20
15	23	Deviation from straight line between peak point and upper corner of upper batten pocket	-10		5
16	4	Half width			1700
17	19	Batten pocket length (outside)		Both OK / Not OK	460
18	20	Batten pocket width (outside)		Both OK / Not OK	40
19	14	Flutter patches			150
20	11	Primary reinforcements from corner measurement points		All OK / Not OK	205
21	12	Secondary reinforcements from corner measurement points		All OK / Not OK	615
22	13	Batten pocket patches at each end of batten pockets		Both OK / Not OK	150
23	15	Tabling width		All OK / Not OK	40
24	16	Seam width		All OK / Not OK	15
25	10	Thickness of woven ply anywhere in the body of the sail	0.15		
26	17	Trapezoidal window opening area			0.1 m2
27	18	Shortest distance from window to any edge of sail	150		
28	27	Space between luff eyelets	230	All OK / Not OK	260
29	28	Space between foot eyelets	270	All OK / Not OK	300

Measurer's signature: \_\_\_\_\_ Date: \_\_\_\_\_ Measurer recognised by: \_\_\_\_\_

## Sail Measurement Form

### National Letters and Sail Numbers

**Only page 1 need be completed if the Optimist has not yet been allocated a sail number.**

SAIL NUMBER: \_\_\_\_\_

- Notes:
1. The measurer shall enter the actual measurements in the boxes where appropriate.
  2. If the sail complies with all the requirements, the measurer shall sign and date it.
  3. Cross out OK / Not OK as required.

ITEM	Dimension no [as per rule 6.5.1]	MEASUREMENT	Min. (mm)	Actual (mm)	Max. (mm)
1	1	Height	230	All OK / Not OK	240
2	2	Width (except "1" or "l")	150	All OK / Not OK	160
3	3	Width for M and W	160	All OK / Not OK	170
4	4	Thickness	30	All OK / Not OK	40
5	5	Space between adjoining numbers or letters	40	All OK / Not OK	50
6	6	Space between rows of numbers or letters	40	All OK / Not OK	50
7	7	Space between the national letter groups on opposite sides of the sail	100		150
8	8	Distance between the luff and the closest letter or number in each row	150		
9	9	Distance between lower edge of uppermost batten pocket and the national letter which is closest to the leech	40		50
10	RRS G1.2(b)	Minimum space between characters and edge of sail (leech)	45	All OK / Not OK	

Measurer's Name IN BLOCK CAPITALS: \_\_\_\_\_

**Sails must be measured by an independent measurer (See CR 2.5.3)**

Measurer's signature: \_\_\_\_\_ Date: \_\_\_\_\_ Measurer recognised by: \_\_\_\_\_

### Second Measurement

#### If the sail letters/number is changed

SAIL NUMBER: \_\_\_\_\_

Owner's Name: \_\_\_\_\_

ITEM	Dimension no [as per rule 6.5.1]	MEASUREMENT	Min. (mm)	Actual (mm)	Max. (mm)
1	1	Height	230	All OK / Not OK	240
2	2	Width (except "1" or "l")	150	All OK / Not OK	160
3	3	Width for M and W	160	All OK / Not OK	170
4	4	Thickness	30	All OK / Not OK	40
5	5	Space between adjoining numbers or letters	40	All OK / Not OK	50
6	6	Space between rows of numbers or letters	40	All OK / Not OK	50
7	7	Space between the national letter groups on opposite sides of the sail	100		150
8	8	Distance between the luff and the closest letter or number in each row	150		
9	9	Distance between lower edge of uppermost batten pocket and the national letter which is closest to the leech	40		50
10	RRS G1.2(b)	Minimum space between characters and edge of sail (leech)	45	All OK / Not OK	

Measurer's Name IN BLOCK CAPITALS: \_\_\_\_\_

**Sails must be measured by an independent measurer (See CR 2.5.3)**

Measurer's signature: \_\_\_\_\_ Date: \_\_\_\_\_ Measurer recognised by: \_\_\_\_\_