Applicator Sheet - for self adhesive sail marks

1   The requirements for sail mark size are given in the IRSA Supplementary Class Rules 2020.

https://www.radiosailing.org/classes/tenrater/class-rules

Constructing a template as shown will help placing SAILSetc marks onto a sail to meet those requirements. The template is not guaranteed to work for marks from other sources.

2   On a stiff piece of paper, mark out the position and spacing of the sail marks using the exact sizes of the marks supplied - see note 4. If you will compete in international events you will need to apply sail letters - use paper at least 700 mm x 230 mm. Otherwise you do not need national letters – use paper at least 450 mm high by 230 mm wide.

3   The diagram shows how this will appear when viewing the sail from the starboard side. Show the position of the port side numbers as they will appear from the starboard side.

4   The SAILSetc numbers 0, 3, 6, 8 and 9 (rounded top and bottom) are 106 mm high.
The SAILSetc number 2 and 5 (flat top or bottom) are 104.5 mm high.
The SAILSetc numbers 1, 4 and 7 (flat top and bottom) are 103 mm high.
Arrange the numbers so that the rounded tops are higher than the flat tops and the rounded bottoms are lower than the flat bottoms.
The SAILSetc letters are consistently 63 mm high – width varies.
N.B. The special cases '47', '57' & '76' need the spacing between the number blocks to be reduced by 5 mm. The special case '74' needs spacing between blocks to be reduced to zero.

5   Allow room for the additional '1' which may be prescribed by the race committee in the event of a clash of sail numbers. Do not apply the '1' until asked to do so.

6   Generally sails for the international classes are large enough to take marks as prescribed. Exceptions are the IOM No 3 sails and any small headsail where there are dark coloured radial (finger) patches.

7   If you are doubtful that the sail is large enough to place the marks as prescribed, follow steps 8 onwards but mark the position of the marks with a soft pencil. This will allow you to make adjustments until the marks fit properly and in compliance. See step 17 to see how spacing is reduced to achieve success.

8   With the mainsail starboard side up, place the pattern under the sail. Having the sail marks (insignia, numbers and letters) with their aft edges all in a straight line and approximately parallel to the leech is the SAILSetc normal way but it is not a requirement. Move the sail over the pattern so that the numbers would be above a line drawn through the **quarter leech point** and perpendicular to the **luff**.

9   Place a weight (a tin of beans or a book) on the sail so it does not move during the next steps.

10   Peel the backing off the applicator sheet and place it sticky side up on a flat surface.

11   Place a sail number onto the applicator sheet with the cloth side (black side) against the applicator sheet. Rub it down firmly taking care to avoid any wrinkles.

12   Remove the paper backing from the sail number.

13   Align the applicator sheet with sail number over the sail and template and place it sticky side down on the sail where the pattern indicates. Rub it down lightly and peel back the applicator sheet carefully.

14   Repeat steps 11-13 until the starboard side numbers are complete.

15   Turn the sail over and place it over the pattern so that the starboard side number matches the pattern exactly. Repeat steps 11-13 until the port side number is applied.

16   Repeat for the other marks taking care to position the sail over the pattern correctly.

17   If the sail is not large enough to meet the spacing requirements indicated then adapt the spacing as indicated by the steps listed in order FIRST, SECOND etc.

25

25

30 (20 MIN)

50 (40 MIN)

15 22 70 22 70

③

20 MIN - 30 MAX

105

20 MIN - 30 MAX

②

EIGHTH : OMIT SAIL NUMBERS

SEVENTH : REDUCE TO 80 - 90 HEIGHT

STRAIGHT LINE PARALLEL TO LEECH

⑥

50 (40 MIN)
SIXTH : REDUCE TO 20 - 30 SPACING

SAIL NUMBERS ABOVE THIS LINE
FIRST : IGNORE

90°

15 15

13 MIN - 23 MAX

63

13 MIN - 23 MAX

④

50 (40 MIN)
SECOND : REDUCE TO 20 - 30 SPACING.

FOURTH : REDUCE TO 40 - 45 HEIGHT

FIFTH : OMIT NATIONAL LETTERS

50 (40 MIN)
THIRD : REDUCE TO 20 - 30 SPACING

QUARTER LEECH POINT

⑯