

C-T FLEXIFURL INSTALLATION INSTRUCTIONS

THE CORRECT INSTALLATION OF C-T FLEXIFURL BATTENS IS ESSENTIAL TO MAXIMISE THE PRODUCT'S LIFE SPAN. IT IS RECOMMENDED THE INFORMATION BELOW BE CONSIDERED WHEN FITTING FLEXIFURLS TO ANY SAIL.

Instructions for Use

C-T FlexiFurl battens are asymmetrical. To ensure the battens are not damaged they must be correctly installed into the batten pockets as per instructions below.

Memory Retention

Over time the batten can develop a memory and either end up getting softer or retain a slight camber after unfurling. Factors that will affect this are:

- Diameter of furl
- Length of time in furled condition
- Heat

Limiting any of these factors will help longevity. For that reason we recommend that after each regatta the C-T FlexiFurl battens are removed from the sail and stored in their natural, unfurled state.

For non-racing boats, we recommend battens be removed and stored at the end of each season.

IMPORTANT: Correct Installation is Essential



1. CORRECT ORIENTATION

The C-T Flexifurl needs to be orientated correctly with the short plate or sticker on the inside of the furl at the leech.

2. ALWAYS FURL IN THE CORRECT DIRECTION

Because the FlexiFurls are asymmetrical, they will not furl in the opposite direction without damage.

Sail Maker Recommendations

Batten pockets should be detailed correctly to ensure performance of the battens as well as longevity. C-T FlexiFurl can be easily retrofitted. The key requirements are:

- Pockets should be external.
- Pockets should be on the **outside** of the furl.
- Excessive compression on the C-T FlexiFurl should be avoided. Allowing some room to move inside the pocket and having the batten lashed in with bungee is a good solution.

EXAMPLE: POCKETS ON OUTSIDE OF FURL



Angle to Luff/Leech

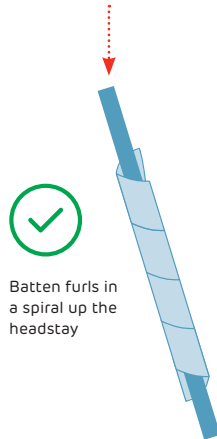
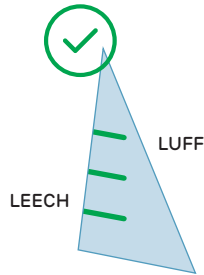
It is recommended that the C-T FlexiFurl batten pockets are installed **perpendicular to the leech**.

If a C-T FlexiFurl furls on top of itself there is a risk that the batten can be crushed when the rest of the sail is furled.

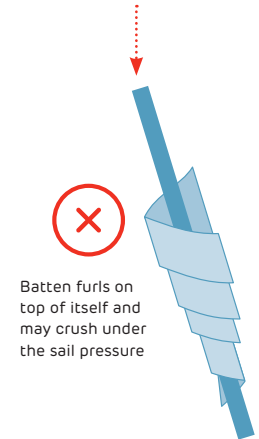
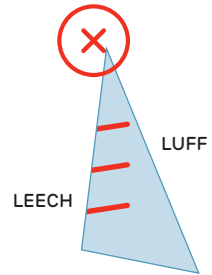
The ideal scenario is that the batten furls in a spiral and the edges are next to each other with no overlaps. This is illustrated in the diagrams.

Top-down and bottom-up furling systems change the angle the batten furls, so this should be considered when designing the pocket angles.

CORRECT ANGLE



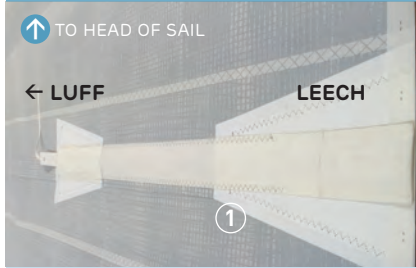
INCORRECT ANGLE



50mm FlexiFurl Pocket Details

- Pockets should be external.
- Pockets should be on the outside of the furl.
- This is the only size that can be either luff or leech loading.
- Detail with standard velcro batten pusher pockets.
- Allow enough room for the batten to move fore/aft slightly to avoid excessive compression/tension on the C-T FlexiFurl.

EXAMPLE: 50MM FLEXI



① This side of sail on outside of furl

- External pocket.
- Luff loading with a velcro pusher fastener.
- The C-T FlexiFurl has a slightly loose fore/aft fit.
- This sail is designed to furl in a clockwise direction. The sticker would be on the inside of the pocket.

75mm and 95mm Pockets

- Pockets should be external.
- Pockets should be on the outside of the furl.
- Leech loading only.
- Batten pocket to have an open leech so the C-T FlexiFurl can move back if necessary when furled.
- Internal leech flap slightly wider, or the same width as the C-T FlexiFurl to hold it in place.
- The internal flap is to be tied with bungee and NOT dyneema.
- Batten should be put in with medium tension only on the bungee to allow the C-T FlexiFurl to move back if necessary.
- NO external flap going around the whole leech of the sail to encapsulate the batten. This is not required or necessary.

EXAMPLE: 75MM FLEXI – HORIZONTAL FASTENING ACCESS

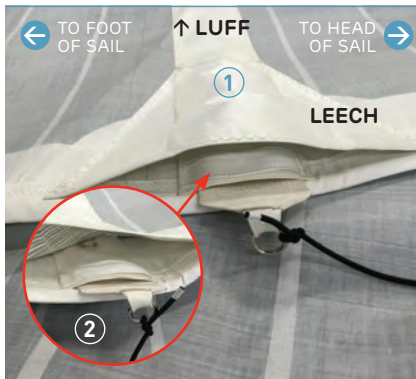


① This side of sail on outside of furl

② Velcro access slot to fasten bungee

- External pocket
- This pocket has horizontal access slot so the bungee can be fastened easily. The flap is the width on the pocket and allows the Flexi to be pushed and extend outside the leech of the sail.
- This sail is designed to furl in a clockwise direction. The sticker would be on the inside of the pocket.

EXAMPLE: 95MM FLEXI – LEECH FASTENING ACCESS




① This side of sail on outside of furl

② Tapered pocket cover to fasten bungee when leech is unloaded

- External pocket.
- This pocket has access from the back through a tapered pocket cover so the bungee can be fastened easily when the leech is unloaded.
- The internal fastening flap is the width on the pocket and allows the Flexi to be pushed and extend outside the leech of the sail.
- This sail is designed to furl in a clockwise direction. The sticker would be on the inside of the pocket.

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