

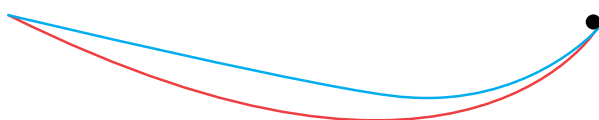
REFLEXSYSTEM

The Reflex System isolates higher batten tension forward in the sail and low tension at the leech. This allows the leech to flex and twist whilst the front of the sail remains stable with the draft locked in position giving increased control, a wider wind range and as a result; more speed.

The Reflex Batten Tensioner allows the tension to be applied from a point along the batten's length rather than just at the end of the batten. This allows the body of the sail to be tensioned independently from the leech area. By isolating the batten tension in from the perimeter of the sail it allows the leech to automatically twist and flex under load. The centre of effort remains stable and locked forward in position instead of the batten becoming more round under load and the draft moving back.

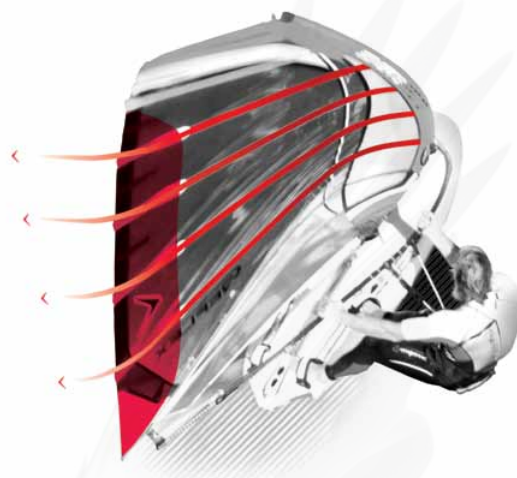
KEY:

STRONG WINDS ————
LIGHT WINDS ————



A Standard Sail

In low wind the deepest draft is positioned forward. An increase in wind strength will cause the draft to move backwards. This increases backhand pressure, back foot pressure and results in a lack of control and lost speed.



The Reflex System

Inhibits the draft moving backwards in the sail by allowing the leech to twist and flex behind the Reflex Tensioners. The rider is able to accelerate through the gust without a loss of control.



XL CAM

XL Performance >

Developed to maximise leading edge stability by allowing increased cam pressure to be distributed over a wider surface area. Rotation is improved by increasing the leverage of the longer cam. Mast wear is reduced due to less friction from the 8 rollers.



ENIGMA

The SEVERNE Racing philosophy relies on the most reliable and accurately matched hardware to work in unison with the sail. The ENIGMA mast and boom series are developed in cohesion with the sails to maintain the structural integrity necessary to allow the Living Wing to actively flex and react.

The 2011 OverDrive is the direct descendant of Bjorn Dunkerbeck's Reflex race sail. Armed with Reflex technology and sharing the same race-sail design philosophy, this sail makes high performance very accessible.

The OverDrive promotes innovative rig ergonomics which have resulted in a sail that is faster for many sailors than a traditional race sail due to the ease of use. A narrower luff sleeve with the neoprene closure discourages water from entering the luff, keeping the sail light for easier waterstarting and uphauling.

Developing this sail to perform on lower carbon content masts and avoiding fragile components such as carbon tube battens has increased the durability whilst decreasing the cost of ownership

2011 OVERDRIVE WITH REFLEX TECHNOLOGY

For 2011 we have integrated the REFLEX System into the OVERDRIVE. This results in an increased wind range, reduced drag, improved control and has enhanced the top speed of the sail.

OVERDRIVE FEATURES:

- ❶ For 2011 we have integrated the **REFLEX System** into the OVERDRIVE.
- ❷ New lightweight laminate sleeve increases leading edge rigidity.
- ❸ **Sleeve Profilers** smooth the transition of the sleeve into the sail body resulting in a more efficient laminar airflow and reduced drag
- ❹ **Dropped Clew** with offset Integrated Looped Outhaul to further extend the tuning. Upper hole for heavier riders and light wind performance, the lower hole for lighter riders and increased control in strong winds.



NEW OverDrive 11.0 LightWind

This sail has increased depth, less luff curve, a longer boom length and a tighter head and leech. Developed specifically for the Formula Experience class of racing for heavier riders to be competitive at the front of the fleet in light winds.

SPECIFICATIONS

PRODUCT CODE	SIZE	LUFF	BOOM	CAMS	BATTENS	RECOMMENDED MAST	COMPATIBLE MAST
SES11VD48	4.8	412	165	3	7	400/19	430/21
SES11VD54	5.4	434	180	3	7	430/21	400/19
SES11VD60	6.0	441	185	3	7	430/21	-
SES11VD67	6.7	463	190	3	7	460/25	430/21
SES11VD75	7.5	486	204	3	7	460/25	-
SES11VD85	8.5	499	222	3	7	490/29	-
SES11VD97	9.7	534	250	XL 3	7	530/32	-
SES11VD11	11.0	555	258	XL 3	7	530/32	540/32
SES11VDLW11	11.0 LW	TBA	TBA	XL 3	7	530/32	540/32