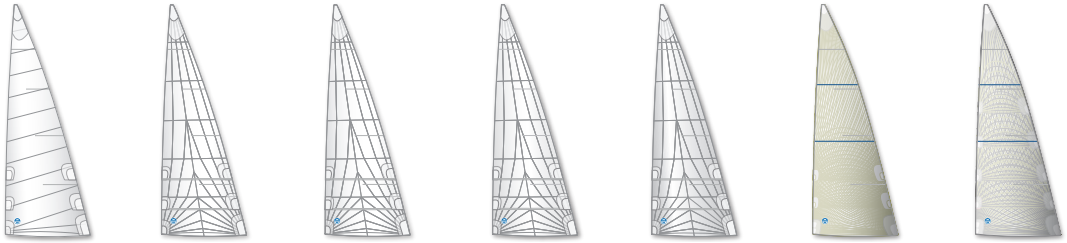
NORTH SAILS 2012 Upwind Sail Selection Guide

Marathon™ Series ...cruising sails designed for performance, durability and easy handling



100 Fill-oriented woven Polyester

200 Warp-oriented woven Polyester

300 Polyester laminate

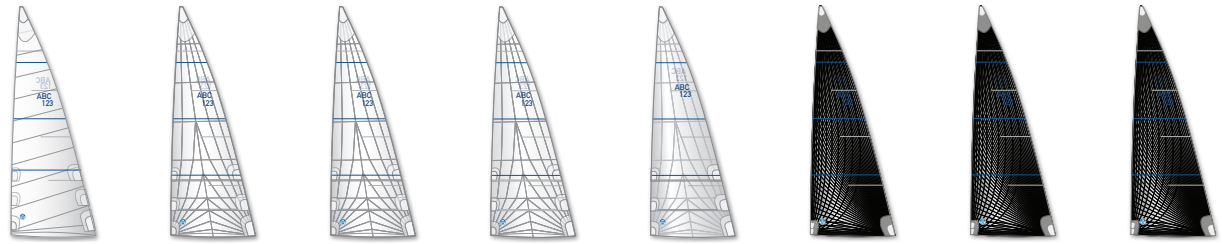
400 Woven UHMWPE* laminate

480 Woven UHMWPE*/ Carbon laminate

3DL 600 Thermo-molded Aramid laminate

3DL 680 Thermo-molded Aramid/Carbon laminate

Performance Series ...optimized for performance cruising, class racing, handicap or rating rule



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300 Polyester laminate

400 Woven UHMWPE* laminate

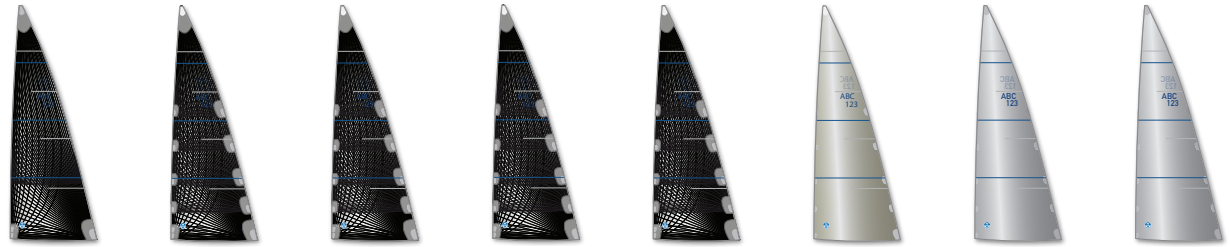
480 Woven UHMWPE*/ Carbon laminate

3DL 600 Thermo-molded Aramid laminate

3DL 680 Thermo-molded Aramid/Carbon laminate

3DL 860 Thermo-molded Carbon/Aramid laminate

Race Series ...high-performance racing sails designed for ultimate upwind performance



3DL 600 Thermo-molded Aramid laminate

3DL 860 Thermo-molded Carbon/Aramid laminate

3DL 800 Thermo-molded Carbon laminate

3DL 960 Thermo-molded Ultra-Carbon/ Aramid laminate

3DL 900 Thermo-molded Ultra-Carbon laminate

3Di 760 Thermo-molded Aramid/UHMWPE* composite

3Di 780 Thermo-molded Carbon/UHMWPE* composite

3Di 870 Thermo-molded all Carbon composite

Upwind Sail Performance Guide

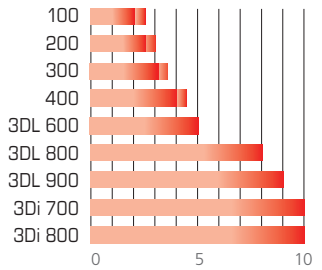
Shapeholding... A measure of a sail's modulus, or resistance to stretch. Higher modulus = better shapeholding and upwind speed.

Flexibility... The degree to which flex (bending) affects the structure of a sail. A more flexible sail structure is better able to withstand creasing and flogging than a stiffer sail structure.

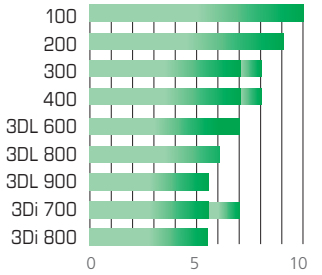
UV Resistance... The resistance of a sail to the degrading affects of UV (sunlight).

Values presented in this sail performance guide are approximations intended for relative comparison. They are based on experience and observation and do not represent specific test data.

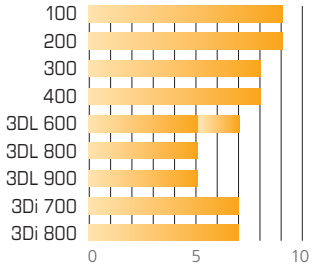
Shapeholding



Flexibility



UV Resistance



Better by Design
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NORTH UPWIND SAIL CODING

000 1st digit = primary fiber (or composite core in 3Di)
0**0**0 2nd digit = secondary fiber (or composite skin in 3Di)

1 = Fill-oriented woven polyester
2 = Warp-oriented woven polyester
3 = Polyester laminate
4 = Woven UHMWPE* laminate
5 = Paneled Aramid/Technora
6 = Aramid
7 = UHMWPE* filament tape
8 = Carbon
9 = Ultra-carbon

Lower digit = more flexible/durable
Higher digit = better shapeholding/speed
*Ultra-high molecular weight polyethylene, trademarked as Spectra® or Dyneema®.