



LESS STRETCH AND HIGHER STRENGTH

Look inside your closet and compare your knitted clothes against the woven ones.

You will find that the woven fabrics are significantly less stretchy.

Our inflatable boards used to be made with knitted dropstitch, but in 2015 we started experimenting with woven reinforcement layers.

However woven fabrics are complex to coat and laminate, so the coating process would leave pinholes, which resulted in leaks, and the lamination was not spreading evenly on the fabric resulting in wrinkles, which caused twisting issues. It took years to fine tune the woven top and bottom fabrics and we also started to play with different values for weft and warp yarns in order to optimize weight / stiffness ratio of the final product. We decided to use the thicker yarns on the warp axis and to optimize weight with thinner yarns in the weft axis.

The result: the stiffest and lightest tech - Woven drop stitch.



KNITTED FABRICS



STARBOARD WOVEN FABRICS

THE PERFORMANCE REVOLUTION

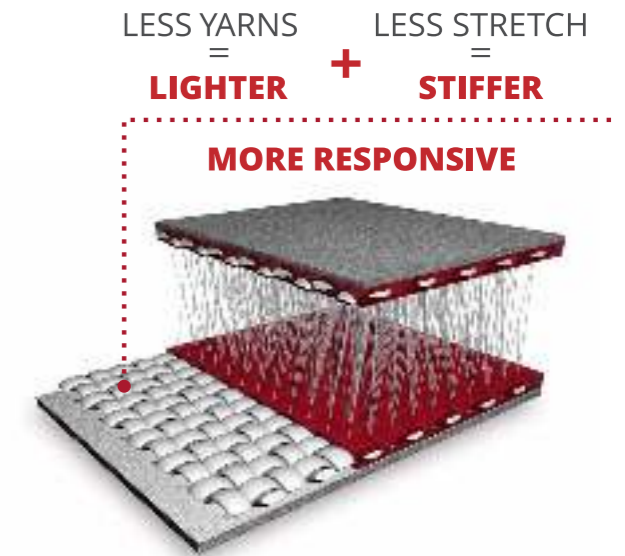
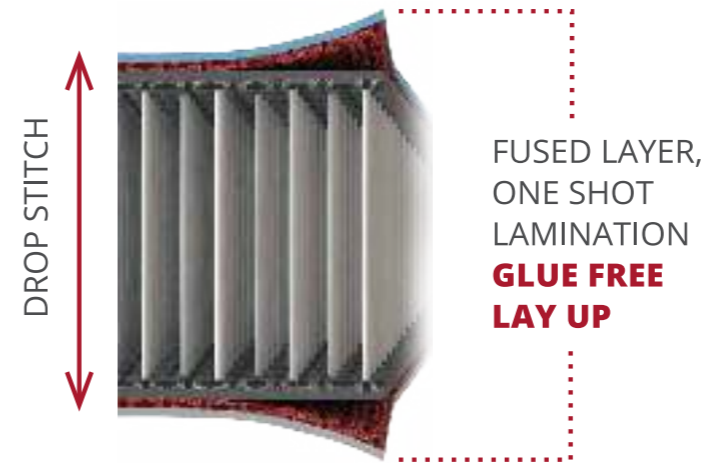


LIGHTER • STRONGER • STIFFER



LIGHTER • STRONGER • STIFFER

= EXTRA LIGHT • STRONG • STIFF



WOVEN TECHNOLOGY

Woven fabric weighs less because it uses less material - and because it only stretches diagonally, it holds more tension. What does this mean for you? A stiffer board.

YARN REDUCTION LOWERS ENVIRONMENTAL IMPACT OF THE BOARD BY 10%