

## shapewave® Patented Welded Tape Technology

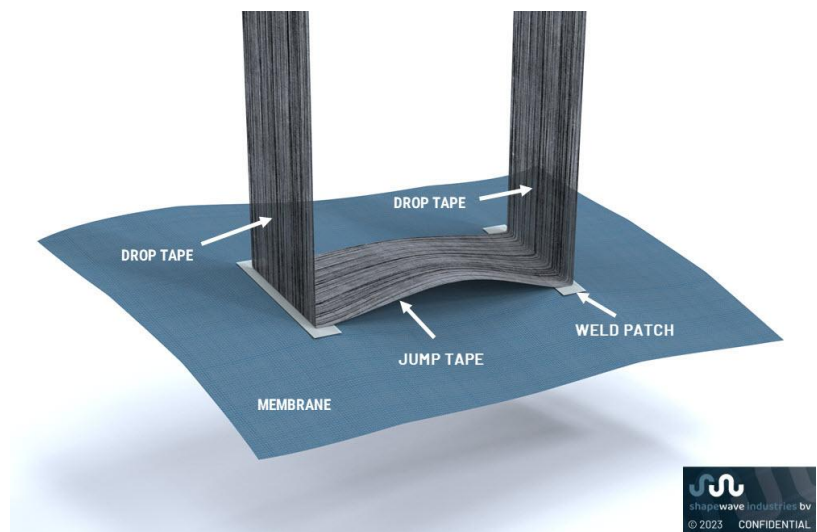
The origin of where everything to do with shapewave began.

shapewave's founder Rudo Enserink recalls sitting in his office playing with a welded piece of material trying desperately to break the weld and knowing that one day he would incorporate that innovation into something great.

He painstakingly toiled through many iterations until finally the end solution was a series of tapes welded between two panels that would create form and shape never before seen in the inflatables market.

Thanks to our patented CAD-to-weld tool chain, we are able to weld thousands of tapes in just hours, with high accuracy and great bond strength.

The weld head is designed to build each individual tape connection with a unique length as well as at an angled weld line, allowing complex inner structures to perfectly match the intended inflated shape.



Tapes can be closely spaced at approximately 10mm for smooth, detailed shapes and high pressure, or wider apart depending on desired construction weight and build time.

With a pressure range of up to well over 1 bar (14 psi) yet maintaining a safety factor of over 5, the stiffness and smoothness you may know from inflatable SUPs are within reach.

