

## SHAPERS NOTE ON VOLUME

The volume on each side in Semente's model range can be adjusted to fit the needs of individual surfers. For example, if a surfer is interested in trying a Needful, let's say a 5'9" but his weight is 80 Kg, it's obvious that our listed 5'9" will not fit the bill. We can however adjust the width and thickness without changing the original design to accommodate that surfer.

### Example

5'9" Needful as listed on our site:  $18^{7/8}'' \times 2^{1/4}'' = 26 \text{ L}$

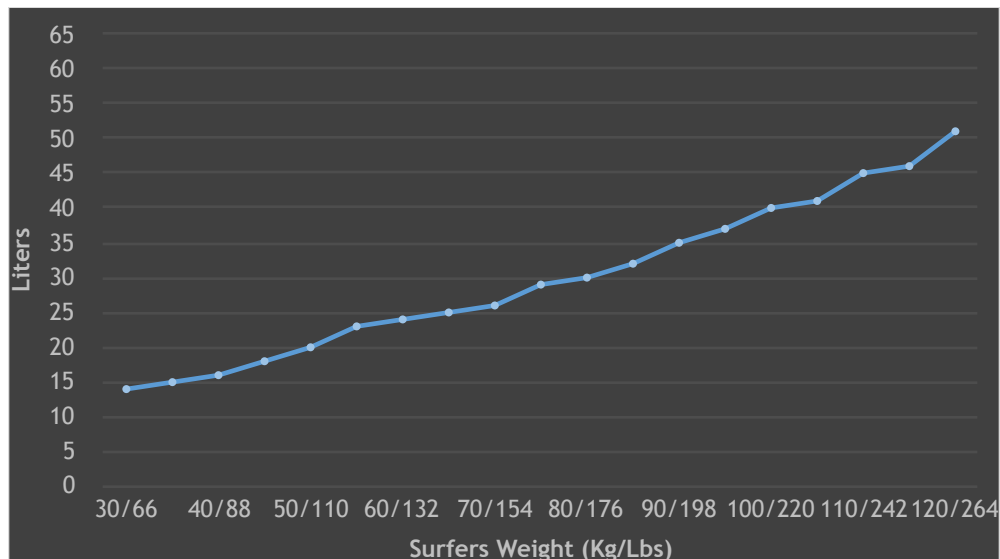
Adapted for 80 Kg:  $19^{1/2}'' \times 2^{7/16}'' = 28.4 \text{ L}$

Volumes listed are to provide you with a better understanding of what the combination of length x width x thickness sum up to in terms of volume. All the measures I have provided are based on surf board designs that have been constructed and surfed with positive results.

To find the correct volume for each surfer I have constructed a rough graph (Graph 1). Do take in to consideration the fact that your age or surfing level may come in to play in terms of the volume you need in your surfboard. Older surfboards have a tendency to look for a bit more foam to give them that extra edge in a crowded line up. There are also a lot of very talented surfers of all ages that surf with less volume than I have listed on my graph. Wave quality also plays a part as you can get away with less volume in good waves and will want to increase it in gutless mushy waves.

Volume is a touch and go affair and a learning process for each surfer to identify his or hers perfect volume for their surfing needs.

Taking in to consideration all of the above, what follows is my volume graph. I have listed some of my athletes to help you in your understanding of volume.



Graph 1- This Graph is based on average to decent waves and a normal surfer. For good surfers or perfect waves you can get away with less volume. For beginners or super mushy waves you will want to increase it.

Volume examples from team riders on normal boards:

Athlete	Weight (Kg)	Board Size	Volumes (L)
Guilherme Fonseca	60	5'7"	21.4
Tomás Fernandes	70	5'9"	24.2
Gony	74	5'11"	26.8
Nicolau Von Rupp	75	5'10"	27.0
Marlon Lipke	82	5'11"	27.4
Vasco Ribeiro	85	6'0"	28.7