



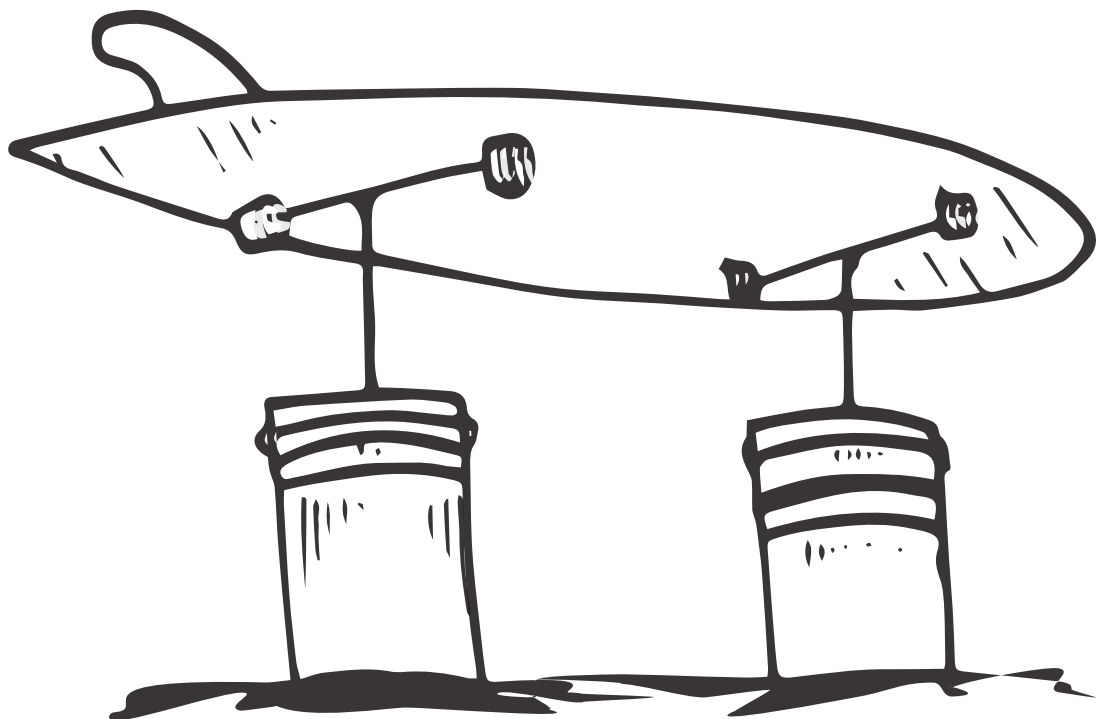
MILLENNIUM

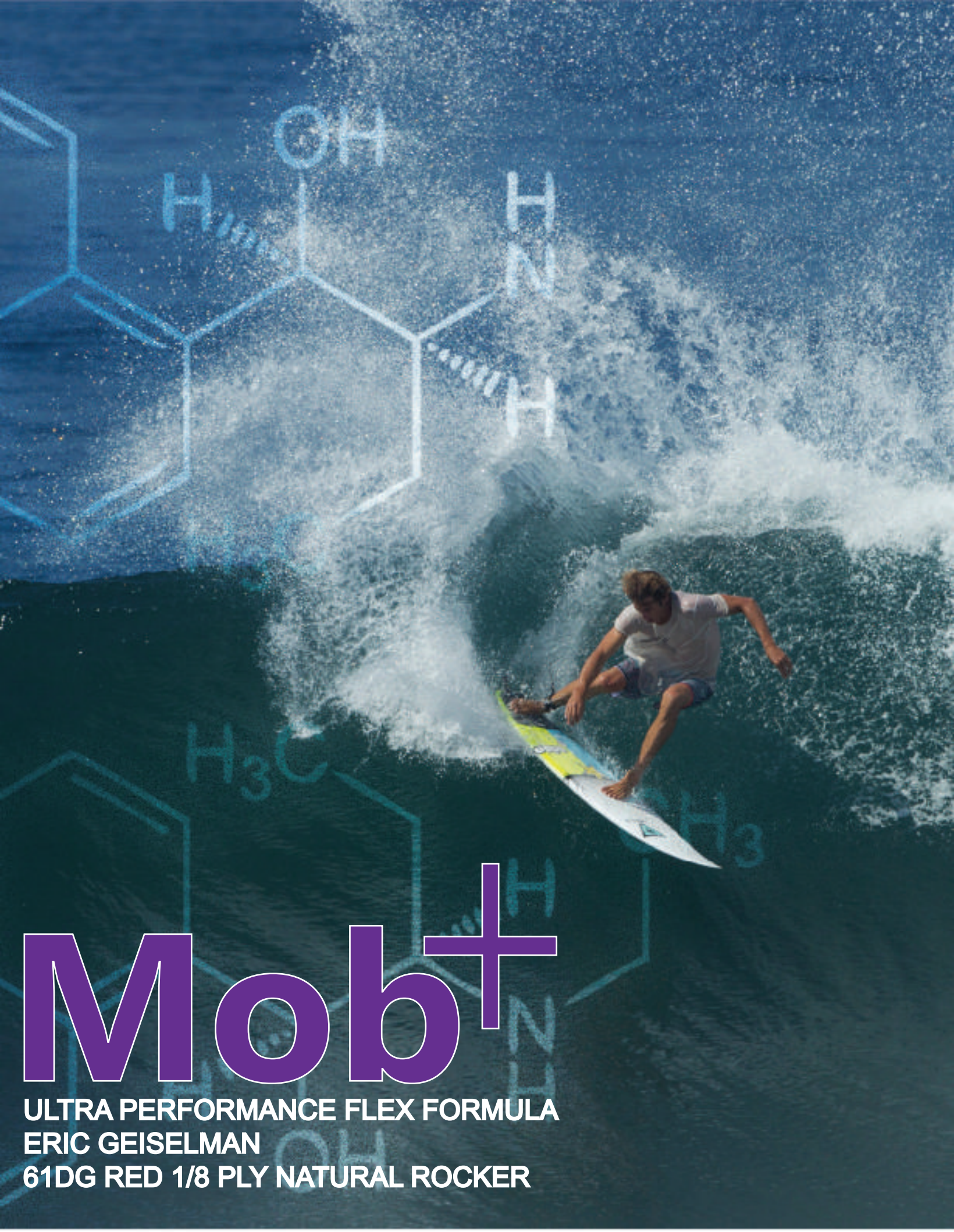
POLY & EPS BLANK CATALOG 2024

760.688.6140

stores.millenniumfoam.com

order@millenniumfoam.com





Mob⁺

ULTRA PERFORMANCE FLEX FORMULA
ERIC GEISELMAN
61DG RED 1/8 PLY NATURAL ROCKER

UM
AM

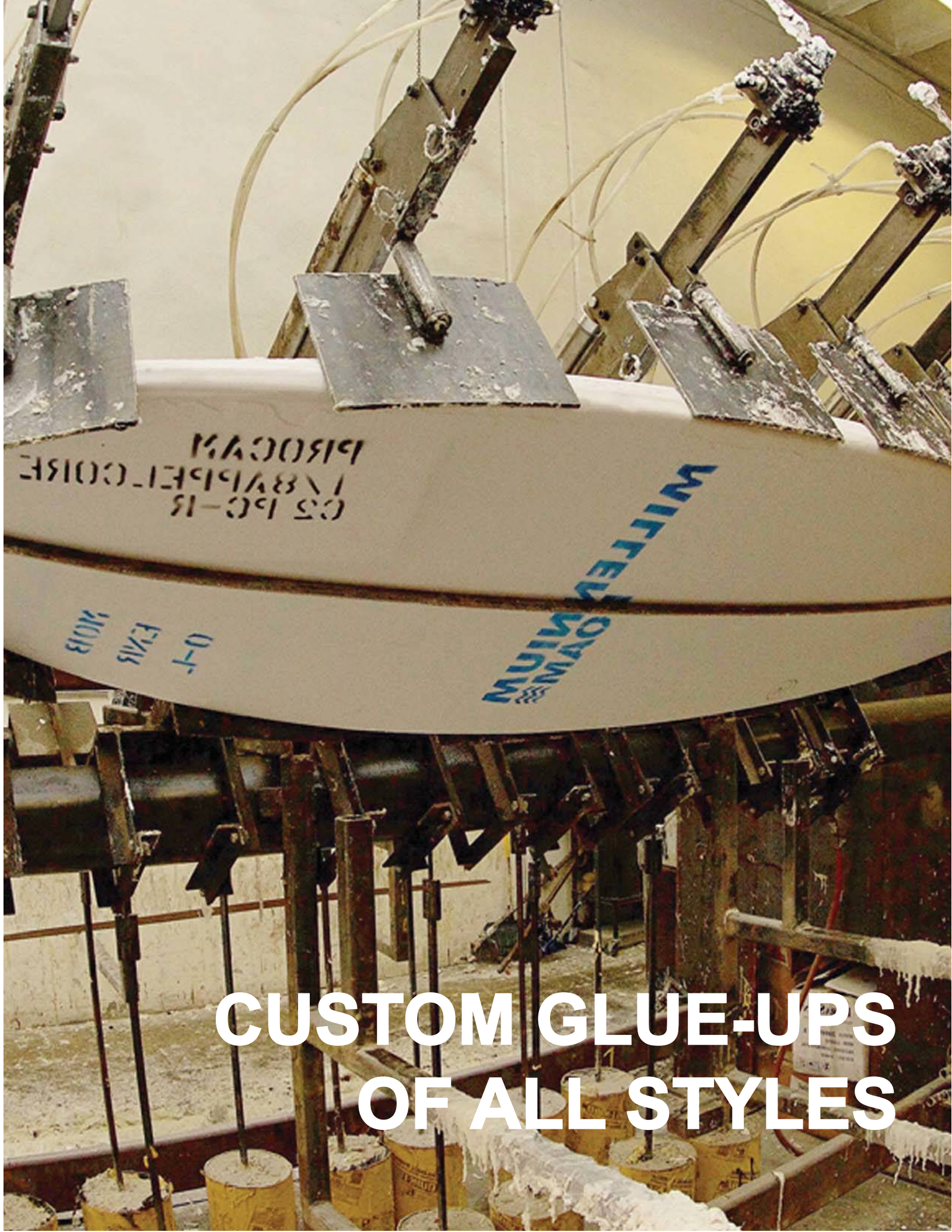
MILLENNIUM
MOB + FOAM

MIL
MOB

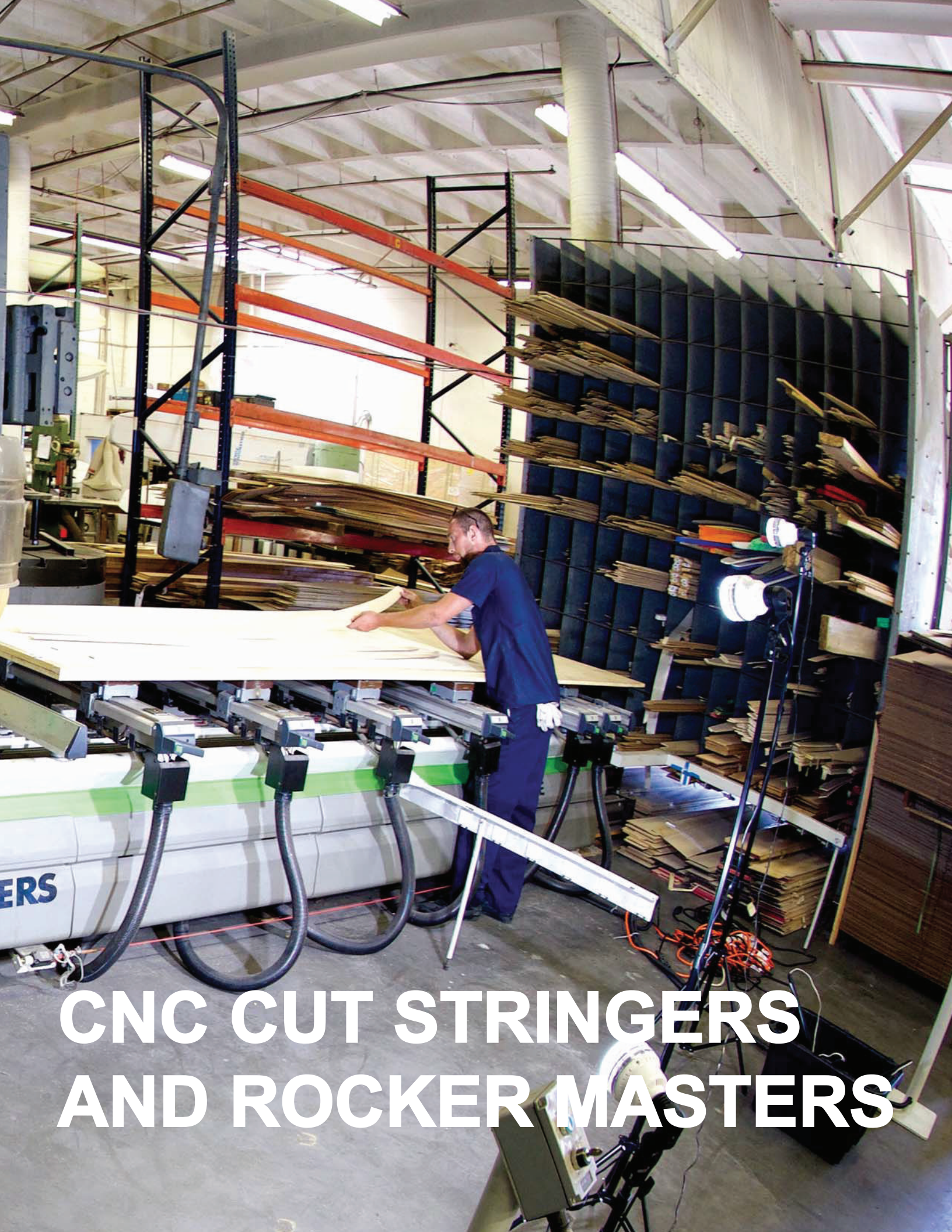
Mob+

ULTRA PERFORMANCE FLEX FORMULA

**IMPROVED STRENGTH
TIGHTER CELL STRUCTURE
BETTER FLEX AND REBOUND
OPTICALLY ENHANCED**



**CUSTOM GLUE-UPS
OF ALL STYLES**



**CNC CUT STRINGERS
AND ROCKER MASTERS**

CUSTOM ROCKERS



Millennium is first and foremost a high-level polyurethane production company. Based out of our Los Angeles California manufacturing plant, our scope in polyurethanes stretches from industrial, agriculture, ride, and surfboard construction. We have taken our vast knowledge base, embraced current technology, and developed what Millennium Foam is now: a global supplier of Polyurethane and EPS surfboard blanks

Millennium Foam is known for a product that is strong, light, and bright white. Feedback we receive is that the foam does not “resist” shaping tools. The cell structure is tight, yet not so dense as to be difficult to shape. The strength of the foam carries to the rails. Alleviating a common blank problem of soft foam at the rails.

Available Densities

- PINK- Team Light (Sizes 64A and below only)
- RED- Hyperlight
- YELLOW- Ultralight
- BLUE- Basis Density/Standard
- GREEN- Heavy
- BROWN- Classic

MOLECULAR OPTICAL BRIGHTENING PLUS- PERFORMANCE FLEX FORMULA (MoB+)

The **MoB+** is an improvement from our previous MoB formula. The MoB was released almost 10 years ago and became the measuring stick for optically enhanced polyurethane surfboard blank foam. It was a departure from a standard off white blank color, to an enhanced color tone. The optical brightening helps finished boards keep their white color longer and works in harmony with optical enhancers in commonly used resins.

The **MoB+** takes the previous generation and builds on it. The **MoB+** carries the same color characteristic as the previous MoB, but has improved physical properties. The structural integrity of the foam has improved. The outcome is increased the responsiveness and rebound of the material under load in a finished board. This was developed in our lab with adjusted base material and improvements in our processing mechanism.

Blank Catalog/Stringer Options/Rockers

Our blank selection, as represented in our catalog, is well rounded and can accommodate most shapers needs. We strive to keep up to date with new plug designs as surfboard building adjusts through different trends. We offer a complete selection of blanks that are well suited for machine cutting, without excessive waste.

Millennium Foam provides all types of stringer wood and has the skill to build any stringer configuration.

Stringer Options

Solid Wood Selection

- Solid Bass, custom thickness available
- Solid Clear Red Cedar, custom thickness available
- Solid Spruce, custom thicknesses available
- Solid Dyed Dark Wood, custom thickness available
- Solid Balsa, custom thickness available. Many rockers will require splicing

Plywood Selection (Available only to 7'9" sized blanks and below)

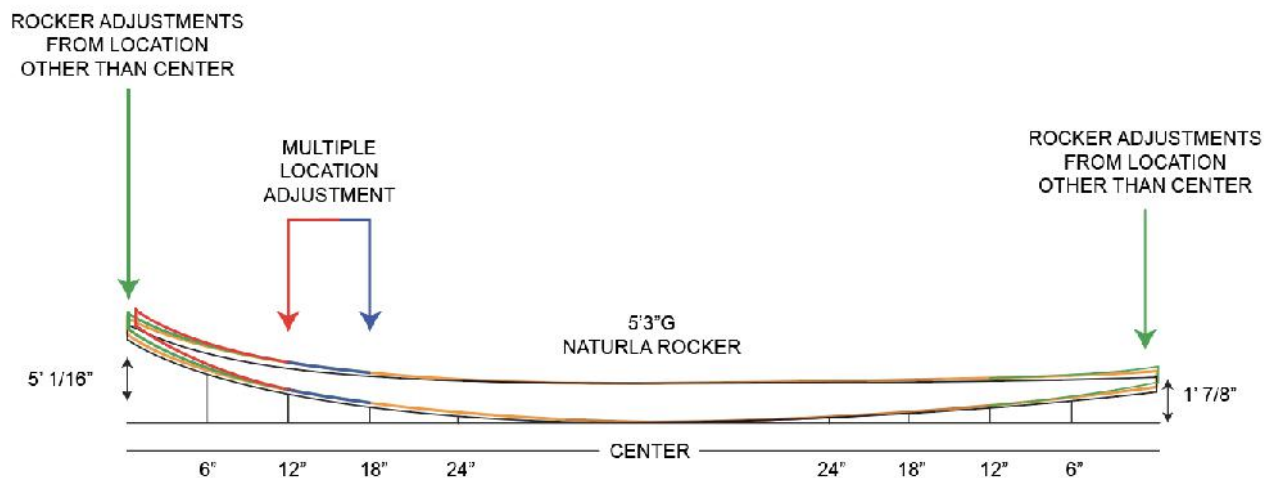
- 1/8" BASS PLY
- Various Color Ways Stocked, please call for availability
- High Density Colored Foam
 - Various colors available

Manual stringer cutting and full CNC stringer cutting is available for masters based off of your Shape3d files

Rockers

Millennium Foam has full custom rocker capabilities. We accept plus or minus adjustments based off our catalog naturals. See image below.

Specify adjustment measurement and the point of adjustment. If no point is provided it will be assumed the rocker will be adjusted from center



Millennium can build rockers from your digital cut files as well. If we build a rocker from your digital file, we will provide you with the finished rocker in the respective blank for machine cutting use.

We use both Shape3d and AKU file formats for our rocker production. All our blanks can be provided in either format, with custom rockers or with the Natural Rocker.

CNC Rocker Masters

Millennium has the ability and uses a CNC router table for producing new rocker masters. The original method of rocker adjustments was physical measurements and adjustment by hand. For years this was adequate, but improvements in technology offer the ability to produce highly accurate rocker profiles.

Rocker files can be derived by Shape3D, AKU files or by dimensional adjustments.

Logistics

Millennium owns and operates multiple facilities and warehouses across the United States.

- Main Location- Los Angeles California
- Oceanside California- Warehouse
- Edgewater Florida- Warehouse
- Florence Alabama- Warehouse

Via our own trucks, we service the length of California, and the Florida Coast.

Finally, we have a full online order system via our web store: stores.millenniumfoam.com. Through the web portal a customer can order blanks, add custom stringers, and request custom rockers. A confirmation will be generated and emailed to the customer. The order then enters the production cycle.

We look forward to having the opportunity to provide you with quality blanks

Best Way to Order
www.stores.millenniumfoam.com

Email
order@millenniumfoam.com

Call/Text/WhatsApp
760.688.6140

Instagram Direct Message
@millenniumfoam

Main Industrial Office/Accounting
310.323.5386

COMPARABLE BLANKS CROSS REFERENCE CARD

US Blanks

MILLENNIUM

Arctic

	58R	58SB
510RP	510F	510MF
60R	60DE	
	61B	61SBF
62A	62F	62MF
	63DG	61SBM, 64SBM
64EA	64P	
64MB	64A	64SBF
65A	65F	64MF
65R	65DE	
66EA	66DG	
	68DG	68SBM
	69A	68SBM, 68SBF
610A	611F	68MF
71EA	611M	
610RH	611P	
	71DG	70SB
	73DG	74SB
73A	73F	72MF
74SP	74P	
76EA	75HS	
77A	77B	78SB
78EA	710DG	80SB
79H	79P	
79HX	79PT	78E
81EA	711CB	
83H	83	
84SP	84P	
84SPX	84PT	82E
86EA	84CB	
89Y, 89YX	810M, 810MT	88E
93Y	93P	93LB
	93G	93GUN
95M	95P	
99AX	97G	
98Y	99Y	99L
99B	99P	99LB
102B	102P	103LB
	103G	99GUN
106AX	107G	105GUN
112C	113P	

We understand that there are many different choices of blanks available in the market today.

To help you choose the best MILLENNIUM FOAM blank for your needs, we have included this general cross reference sheet in our catalog. The center column shows each Millennium blank that has a comparable blank to either US Blanks or Arctic foam.

Please Note:

- Due to the blank building process, there will always be some variance. No two blanks will ever be exactly same. This reference is based on our extensive experience and customer feedback. **It is the shapers responsibility to review and understand the blanks that they are ordering and what can be expected.**
- Blanks highlighted in bold are the most directly comparable. You should be able to yield the same shape from the Millennium blank.
- It is always prudent to confirm the proper rocker measurements. If they are not similar, that can be adjusted on request.
- Blanks that are not highlighted in bold are similar but may have a general difference in thickness or width. In most cases the same shape will be possible, but it is worthwhile reviewing dimensions ahead of ordering the blank.
- See the specific Millennium Foam blank sheet for any specific notes.



MILLENNIUM FOAM BLANK MARKINGS

BOTTOM OF BLANK

Blank weight is designated by color on the tip of blank:

"Brown"-Classic

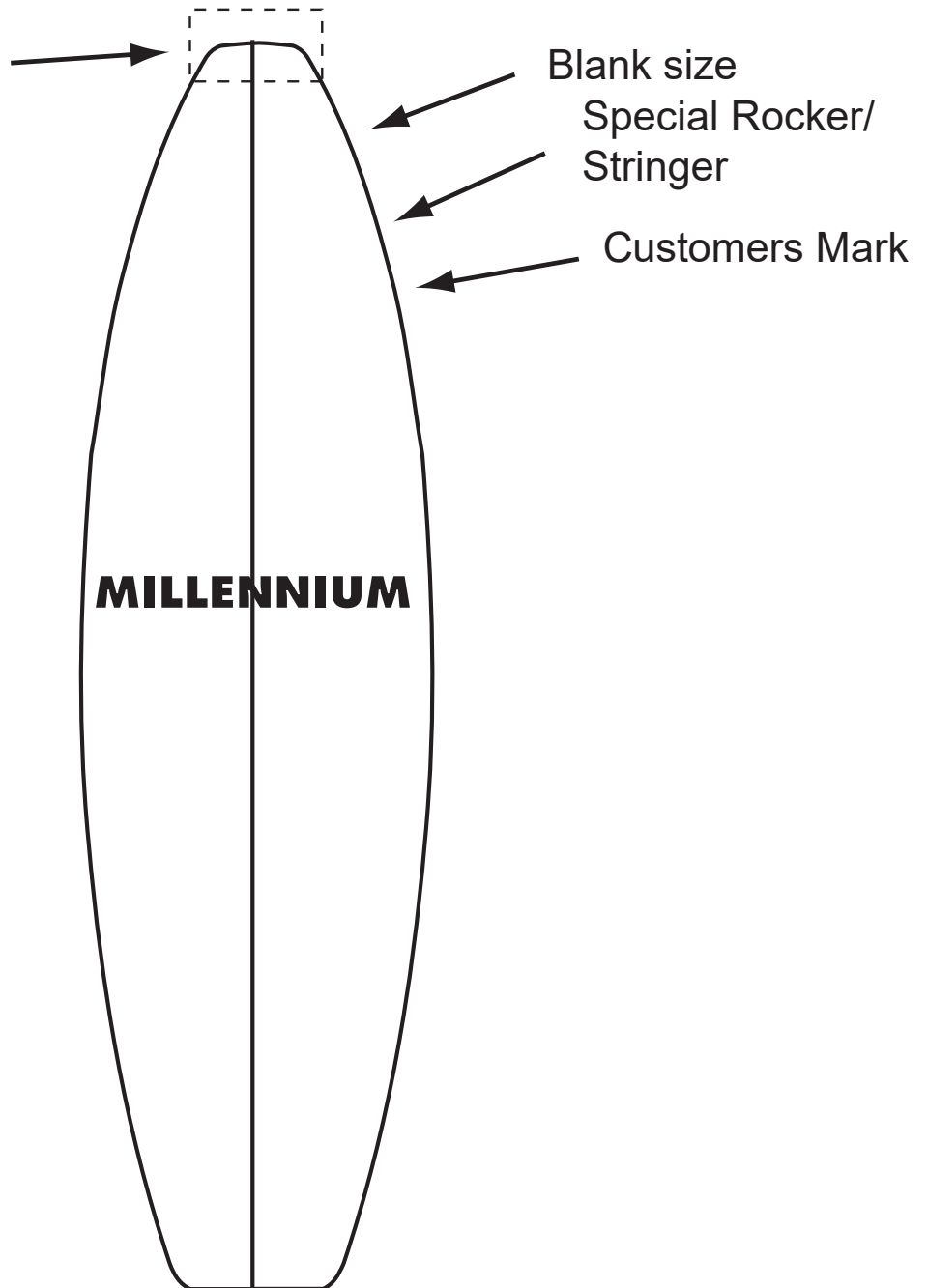
"Green"-Heavy

"Blue"- Standard

"Yellow"- Ultra Light

"Red"- Hyperlite

"Pink"- Team Light



FOAM DENSITY DETAILS AND GENERAL APPLICATION

Below is brief review of our foam densities general application of use, and observations from customer comments. This can be used as a reference to determine the most popular density for a size range and decide on the best option for the shape.

Irrespective of the density chosen, the foam quality will still feature a tight cell structure.

Pink Density – This density should only be selected for high performance shortboards, typically for surfers in Competition. This lightweight foam will not last for prolonged use in stock boards. Not poured in blanks longer than 6’5”.

Red Density – While still lightweight, this density is more durable than the Pink density. Red density is light enough to satisfy most high-level surfers, while still durable enough to use for as stock boards.

This density is suggested for high performance shortboards or any board where weight is a consideration. High-performance longboards in Red density will perform well. However, this density is a trade off on performance versus reliability.

Yellow Density – This density is a grade that our competitors do not offer. Yellow density blanks are more robust than the Red density with only a minor weight penalty. This density is perfect for stock production boards in all sizes and types. Many customers do stock performance boards in this density and offer the Red density an option as long as the customer understands the trade off on lasting ability vs performance.

Blue Density – This is our stock density. The foam is strong and long lasting but the weight is not recommended for performance shortboards unless the customer understands the tradeoff for reliability over performance. For the customer that wants the old school twin fin or shortboards where weight is not a consideration this foam works well. For longboards where lightweight is not desired this is a good lasting density without being heavy.




















Green Density – This density is very tough but the finished board will be quite hefty by modern standards. Recommended for longboards or application where strength is more important than weight. This weight is used by a lot of the manufactures of classic style longboards.

Brown Density – This Density is extremely firm and of course quite heavy. This density is very close to old school foam weights from the 1960’s. Primarily used for CLASSIC longboards and tow boards.

MILLENNIUM

FOAM BUILD ON QUALITY

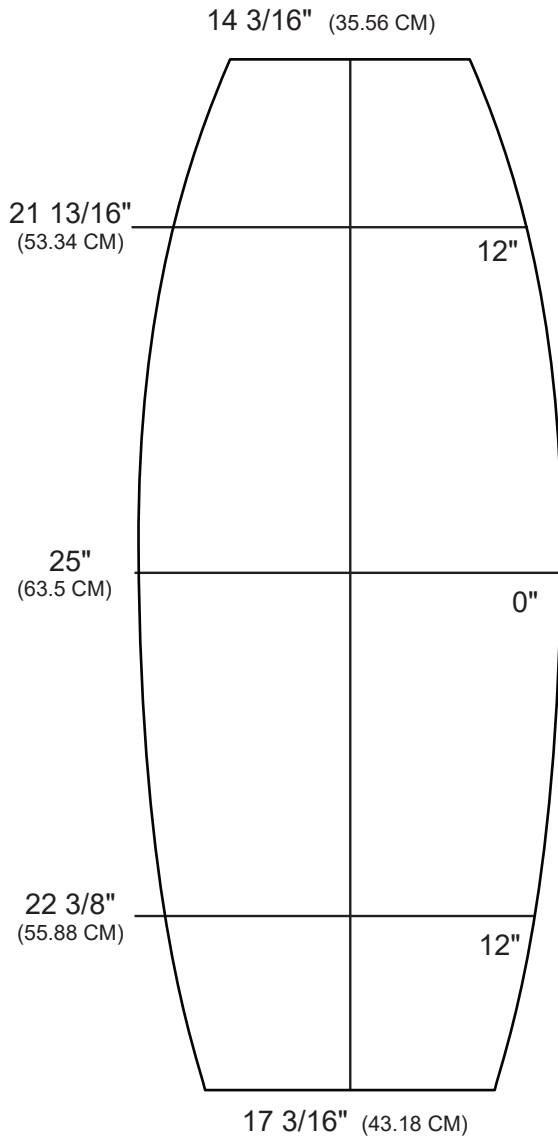
COMPARABLE DENSITY SHEET

US Blanks	MILLENNIUM	Arctic
	 HYPER-LIGHT 6'4 AND UNDER	
	 COMP LIGHT	
	 MID-COMP	
	 STANDARD	
	 HEAVY	
	 CLASSIC	
	 TOW-KITE	

The purpose of this reference card is to help a shaper determine which MILLENNIUM FOAM density is the most comparable to what they are using from either US Blanks or Arctic. If you have any questions contact MILLENNIUM FOAM.

ORDER@MILLENNIUMFOAM.COM

5'0"WS



Bottom Length: $5' 1 \frac{1}{4}"$
(154.94 CM)

Tip To Tip Deck: $5' 1"$
(154.94 CM)

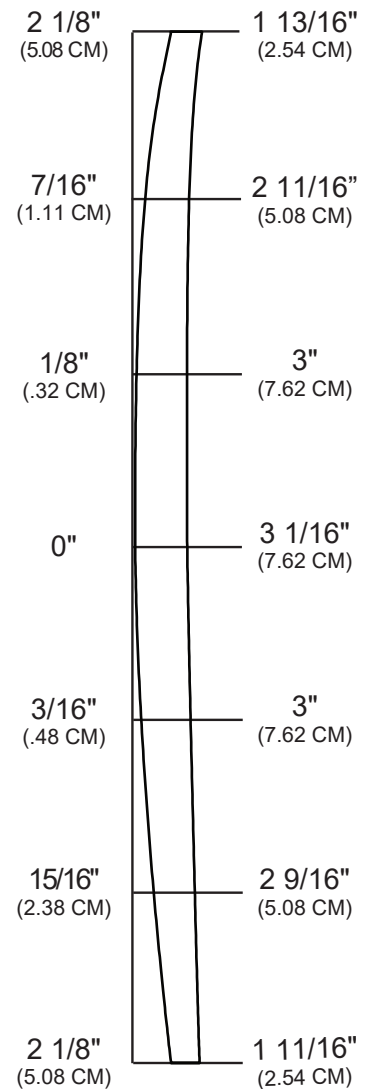
Max Width: $25"$ (63.5 CM)

Max Thickness: $3 \frac{1}{16}"$ (7.62 CM)

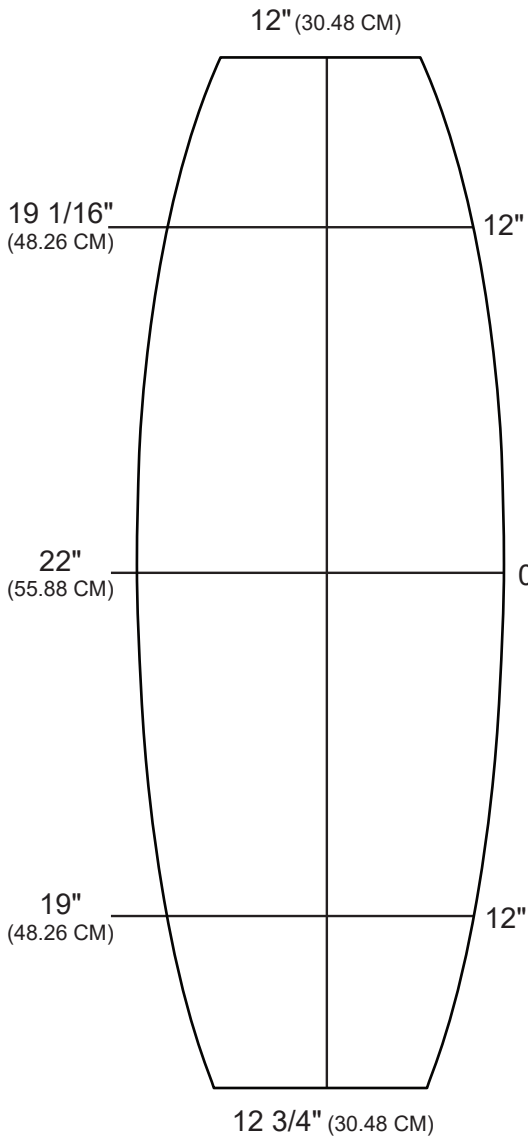
Wake Surfers have become more popular in the past few years. While typically built out of EPS, there is a growing trend for Polyurethane construction. Rather than using the "smallest blank available" and creating excessive waste and cost, we have modified two of our current molds to build a smaller, less waste-full, cost effective solution. The thickness is ample enough to match EPS bouyancy. The main difference of the 50WS from the 52WS is the fuller width.

Volume: 53.96 L

Recommended Densities:



5'2"WS



Bottom Length: 5' 2 3/16"
(157.48 CM)

Tip To Tip Deck: 5' 2"
(157.48 CM)

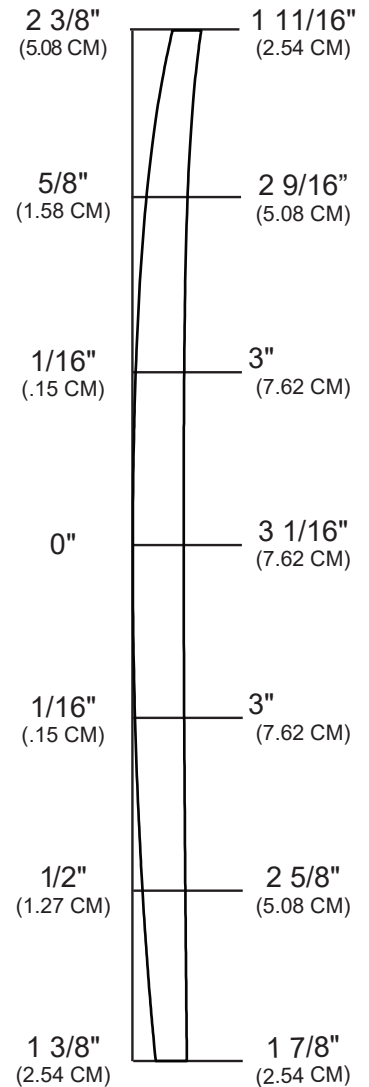
Max Width: 22" (55.88 CM)

Max Thickness: 3 1/16" (7.62 CM)

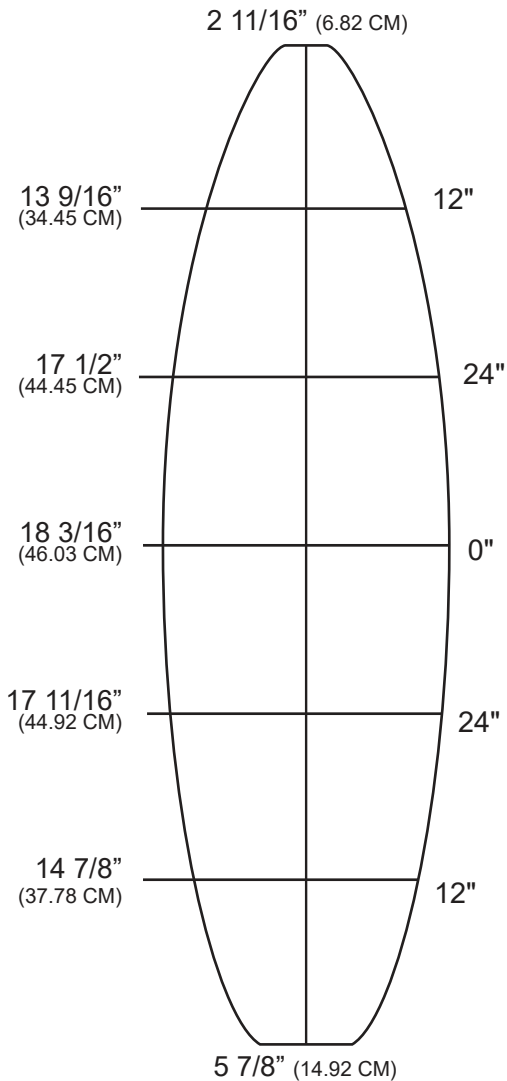
Wake Surfers have become more popular in the past few years. While typically built out of EPS, there is a growing trend for Polyurethane construction. Rather than using the "smallest blank available" and creating excessive waste and cost, we have modified two of our current molds to build a smaller, less waste-full, cost effective solution. The thickness is ample enough to match EPS bouyancy.

Volume: 48 L

Recommended Densities:



5'3"G



Bottom Length: 5' 4 1/4"
(163.83 CM)

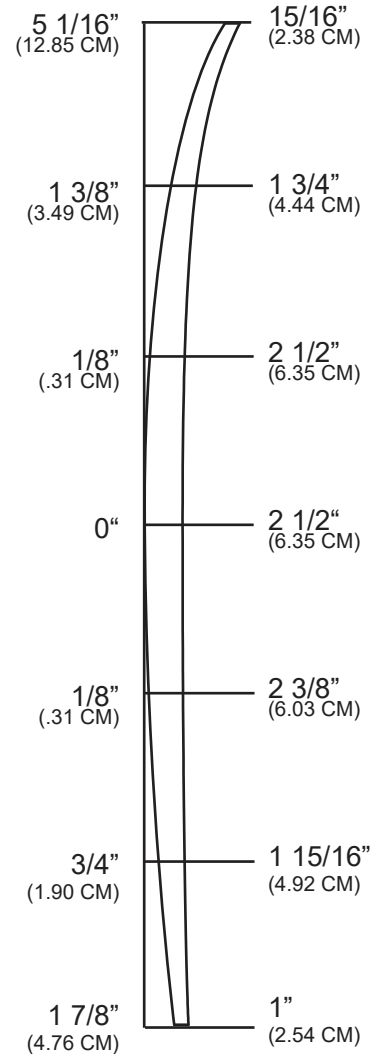
Tip To Tip Length: 5' 3 1/2"
(161.29 CM)

Max Width: 18 3/16" (46.03 CM)

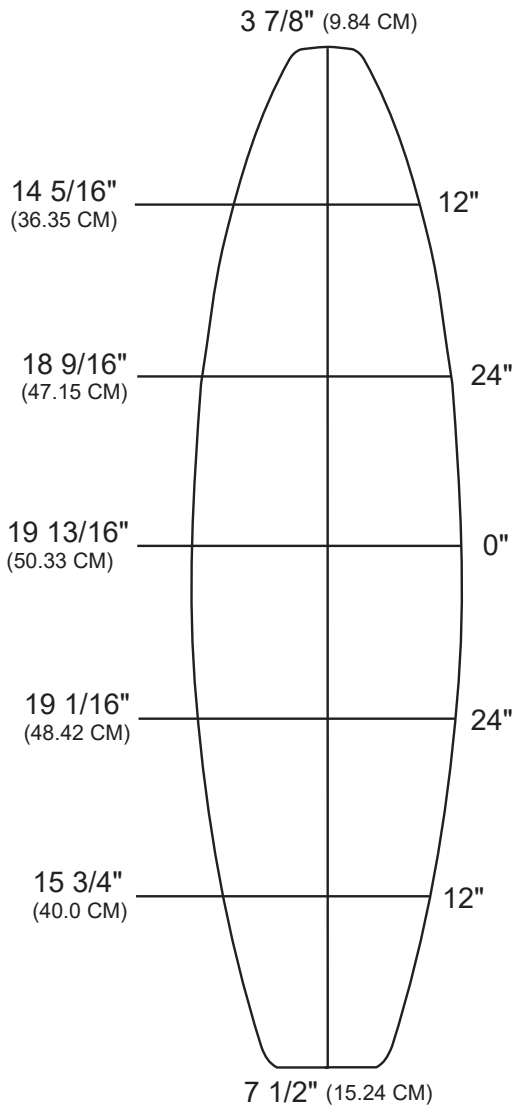
The 53G was clearly designed with the 'grom' in mind. As kids start surfing younger blanks need to accommodate the very small short-board. Larger blanks become problematic with rocker and foil, also with over shaping. For the sub- 5'1" this blank is ideal. Like all our blanks the volume is carried to the rail.

Volume: 26.9 L

Recommended Densities:



5'8"R



Bottom Length: 5' 9 3/4"
(177.16 CM)

Tip To Tip Deck: 5' 9 1/8"
(175.58 CM)

Max Width: 19 13/16" (50.33 CM)

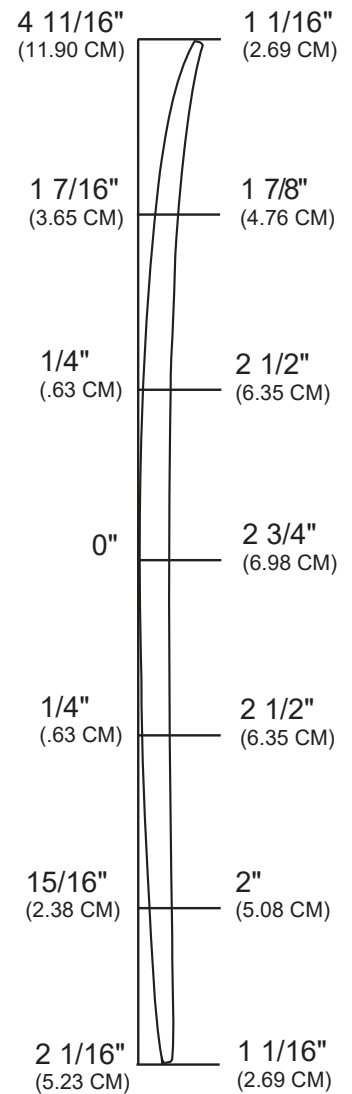
Max Thickness: 2 3/4"
(6.98 CM)

A current version of the "grom" style blank. The trend of carrying finished thickness to the outer rails is easily accommodated in here. For example: at eight inches off center in the middle of the blank, the rail is 2" thick. That fullness is proportioned from nose to tail.

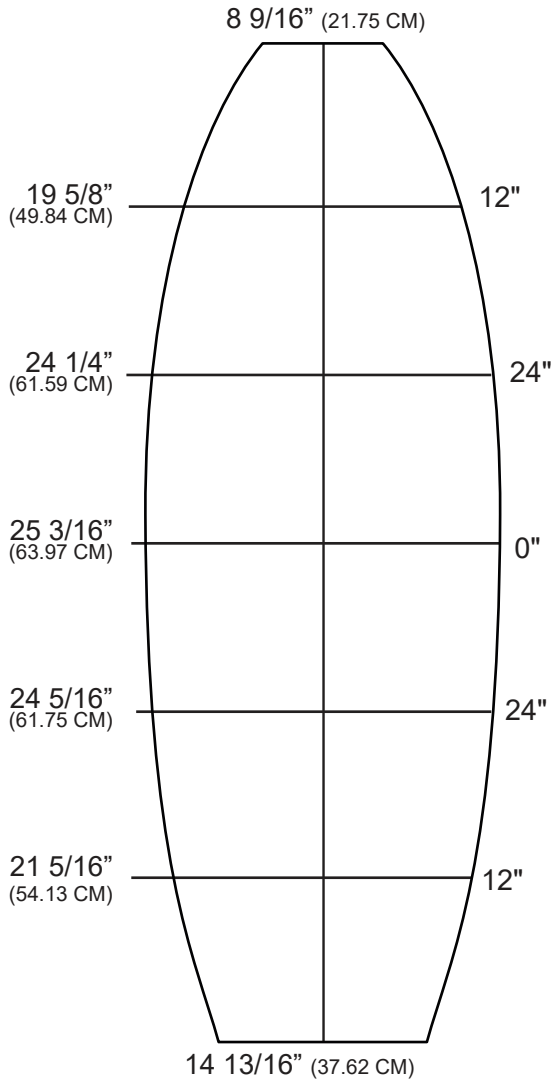
Volume: 35.5 L

Cross Reference:
Similar to the Arctic 58SB.
General thickness and width at center are similar. Confirm width needed for shape at 18"-24" of the nose.

Recommended Densities:



5'10"F



Bottom Length: 5' 11 11/16" (163.83 CM)

Tip To Tip Length: 5' 11" (161.29 CM)

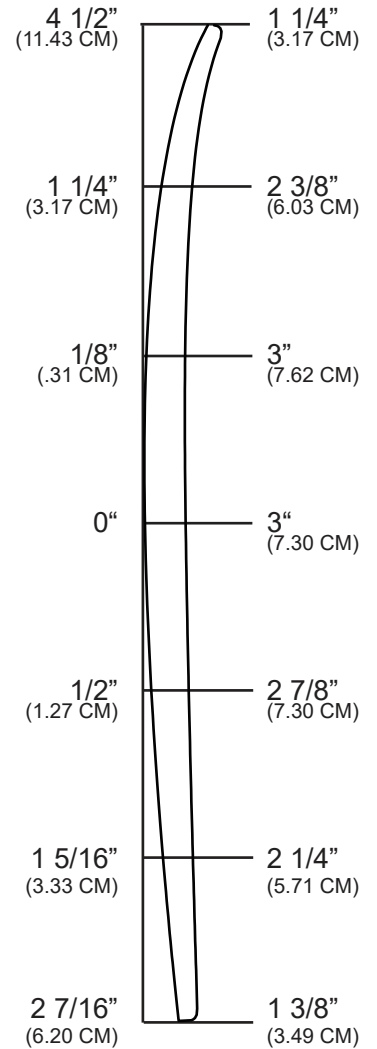
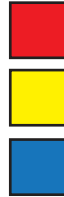
Max Width: 25 3/16" (63.97 CM)

The 5'10"f is built for the smaller fish in mind. The deck has good foil for hand shaping and the super wide tail provides versatility for twin-keel fishes to small 'Simmons' type shapes
Rocker is balanced and relaxed in the nose.

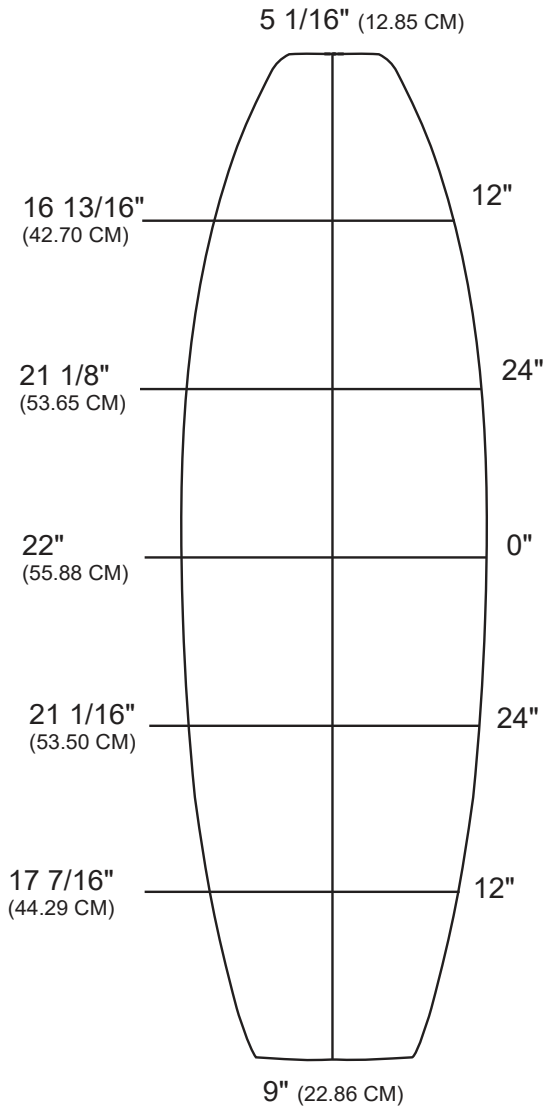
Volume: 54.6 L

Cross Reference:
This blank is directly comparable to the US Blanks 510RP. The largest difference is a fuller deck profile and the increase of versatility due to the bottom edge not being so tucked under. It is directly under the fullest portion of the rail band, nose to tail. Allows for the full use of the width at the highest possible thickness.

Recommended Densities:



6'0"DE



Bottom Length: 6' 1/4"
(183.51 CM)

Tip To Tip Deck: 6' 0" (82.88 CM)

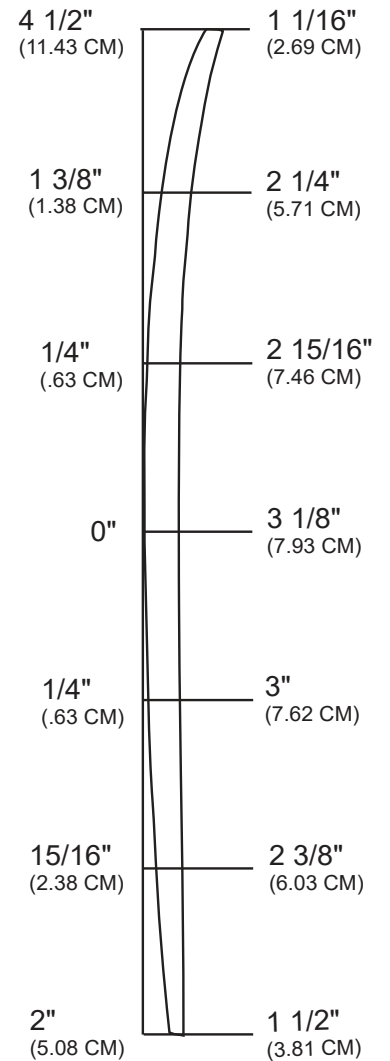
Max Width: 22" (55.88 CM)

Max Thickness: 3 1/8" (7.93 CM)

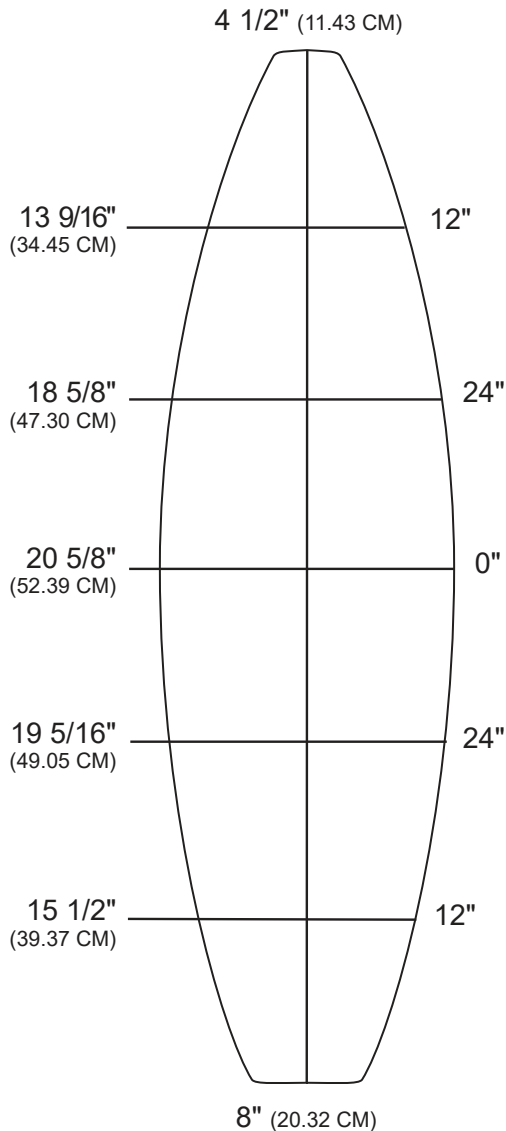
This blank is specifically designed for the new trend in shortboard design. Wider center, moving towards the nose, fuller tail, and volume out to the rail.

Volume: 45.9 L

Recommended Densities:



6'1"DG



Bottom Length: 6' 1 11/16"
(187.2 CM)

Tip To Tip Deck: 6' 1"
(185.42h CM)

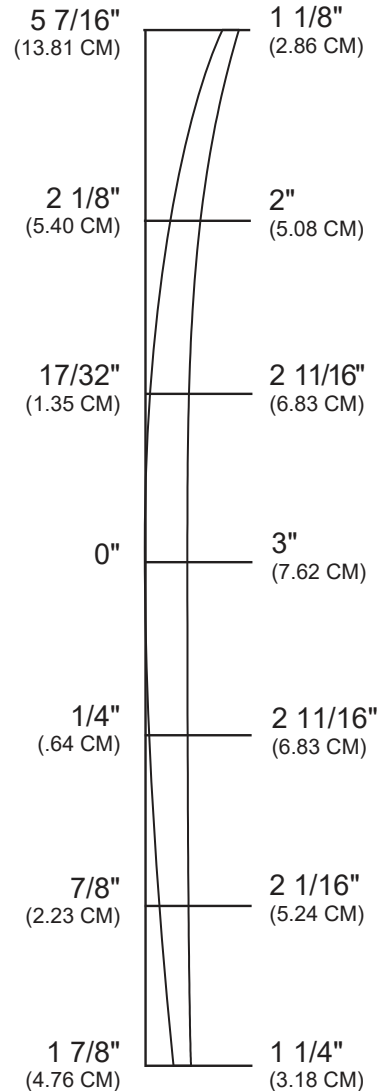
Max Width: 20 5/8" (52.7 CM)

Max Thickness: 3" (7.62 CM)

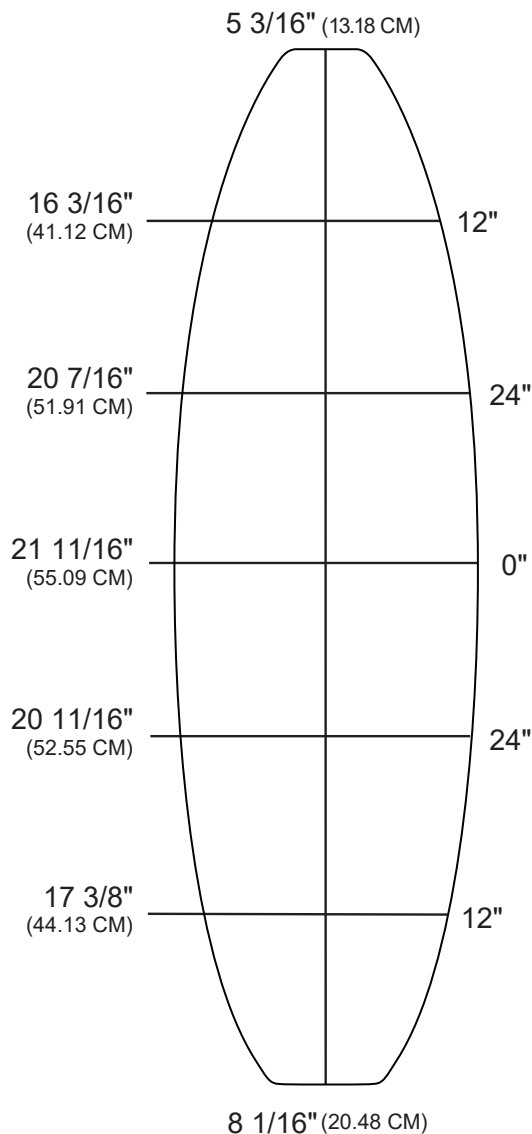
The 61DG had proven itself as a work horse for the machine cut shortboard. Thickness throughout the blank and an all-around natural rocker makes this a regular choice for shortboard builders that focus on machine use.

Volume: 42.6 L

Recommended Densities:



6'1"B



Bottom Length: 6' 2" (187.96 CM)

Tip To Tip Deck: 6' 1 1/4" (186.06 CM)

Max Width: 21 11/16" (55.09 CM)

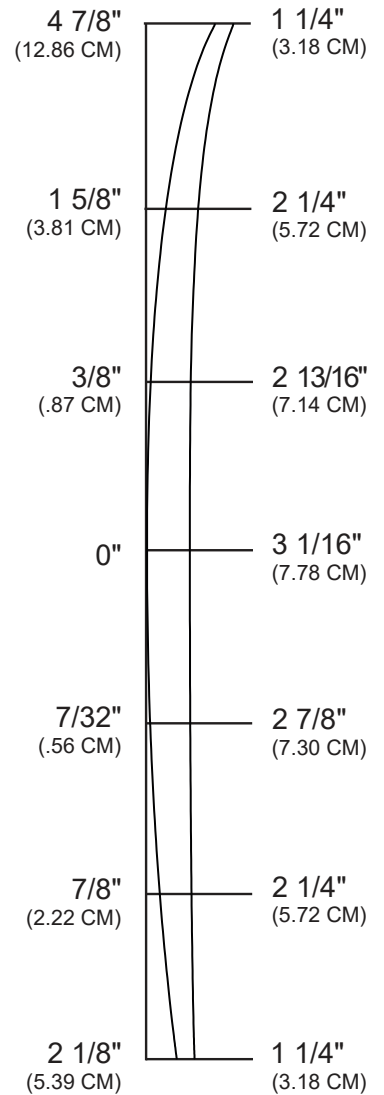
Max Thickness: 3 1/16" (7.78 CM)

This blank is a new version of our previous 61A. The original blanks proved to be too narrow overall to net the current trends in board building. Volume was increased out to the rails with the increase in width.

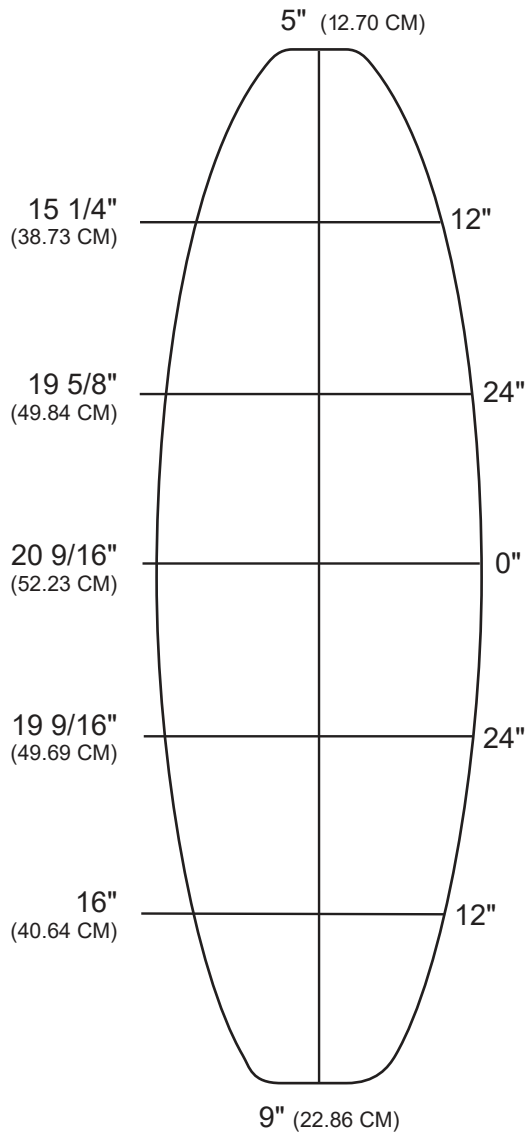
Volume: 51.77 L

Cross Reference:
This blank is directly comparable to the Arctic 61SBF. The Millennium 61B has increased width in both the nose and tail at 12"-18". Along with the width the center thickness is greater.

Recommended Densities:



6'1"A



Bottom Length: 6' 1 5/8" (186.7 CM)

Tip To Tip Deck: 6' 1" (184.9 CM)

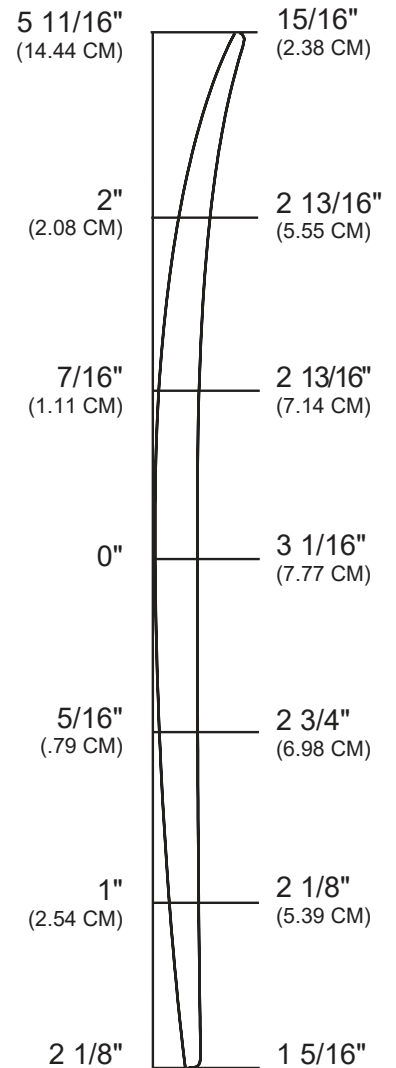
Max Width: 20 3/4" (52.71 CM)

Max Thickness: 3 1/16" (7.77 CM)

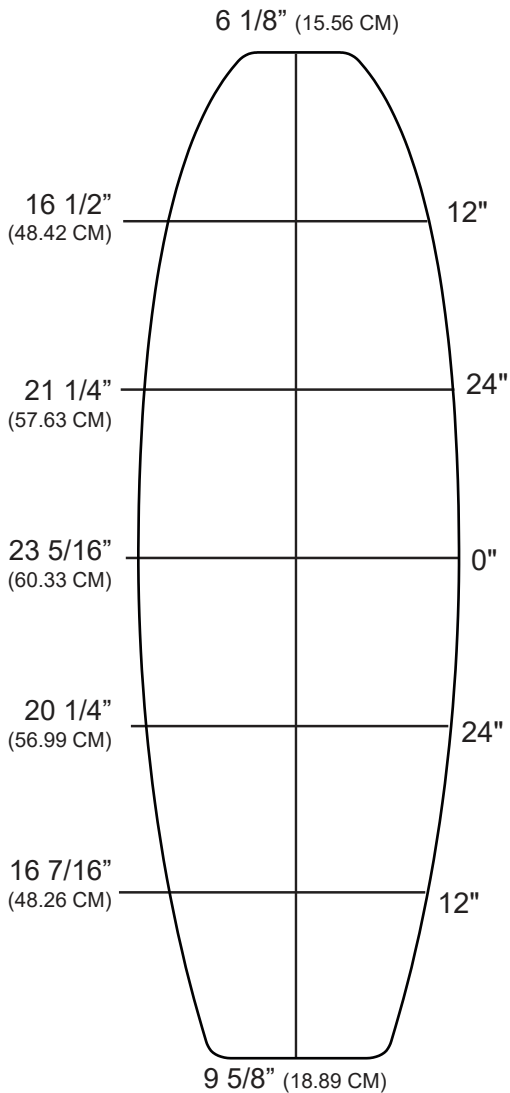
This blank is the shorter version of our very popular 64A. Built with wider and fuller 'Grover' type shapes in mind.

Volume: 44.6 L

Recommended Densities:



6'2"F



Bottom Length: 6' 3 1/8"
(190.82 CM)

Tip To Tip Length: 6' 2 1/2"
(189.23 CM)

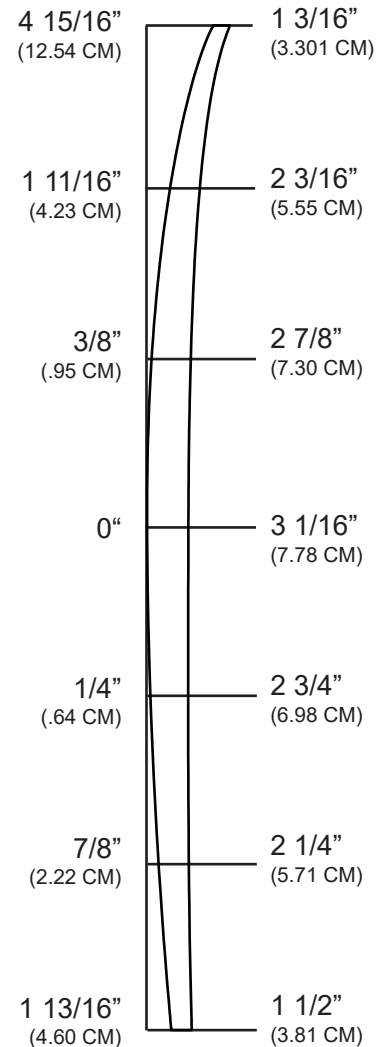
Max Width: 23 5/16" (60.33 CM)

The 62F is the smaller version of our popular 65F. Care has been taken to not pinch the rail volume in the nose and the tail. The rail apex on the deck offers the highest versatility for maximizing width and thickness. At just over 3" thick, the 62F can work easily with the new trend of shorter and wider shapes.

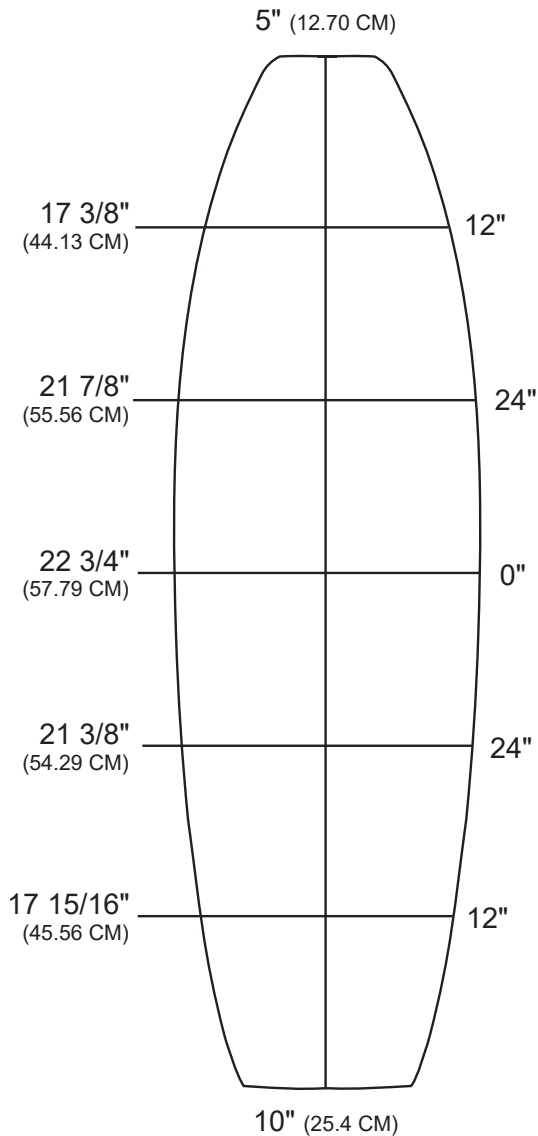
Volume: 59.1 L

Cross Reference:
Directly comparable to the US Blanks 62A. The 62F has increased thickness and a consistent deck line. The nose and tail thickness are proportional to the center. Eliminating the need to cross cut the deck if you are hand shaping. The 62F is similar also to the 62MF of Arctic Foam

Recommended Densities:



6'2"DT



Bottom Length: 6' 2 3/8"
(188.91 CM)

Tip To Tip Deck: 6' 1 3/4"
(187.32 CM)

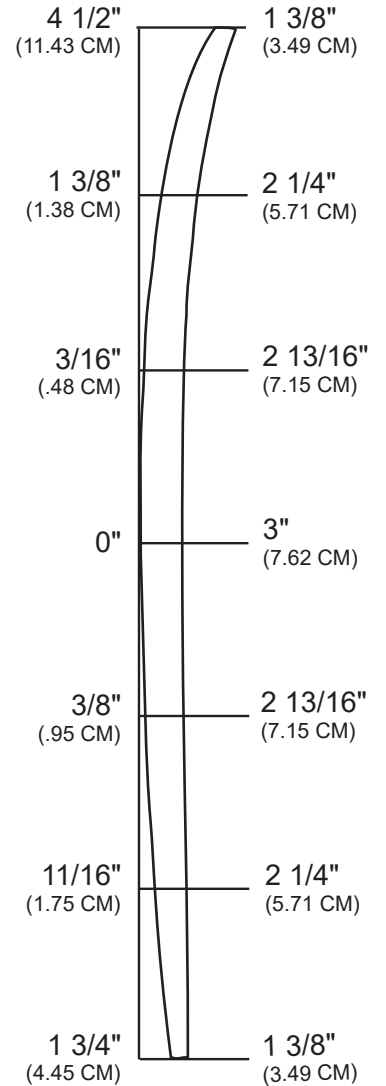
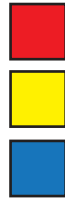
Max Width: 22 3/4" (57.79 CM)

Max Thickness: 3" (6.62 CM)

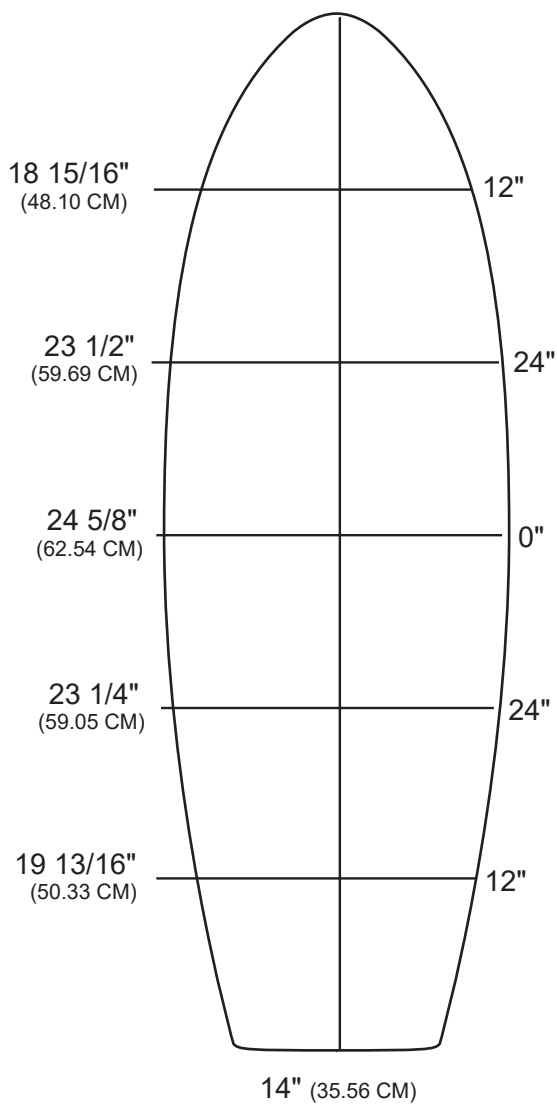
The thicker version of the 62DE. Ideal for smaller fish, quads, and rocker fishes. This is the result of many requests for a thicker 62DE. The profile is friendly to the hand shaper and machine user.

Volume: 53.5 L

Recommended Densities:



6'3"S



Bottom Length: 6' 3 1/4"
(191.3 CM)

Tip To Tip Deck: 6' 2 3/4"
(189.86 CM)

Max Width: 24 5/8" (62.54 CM)

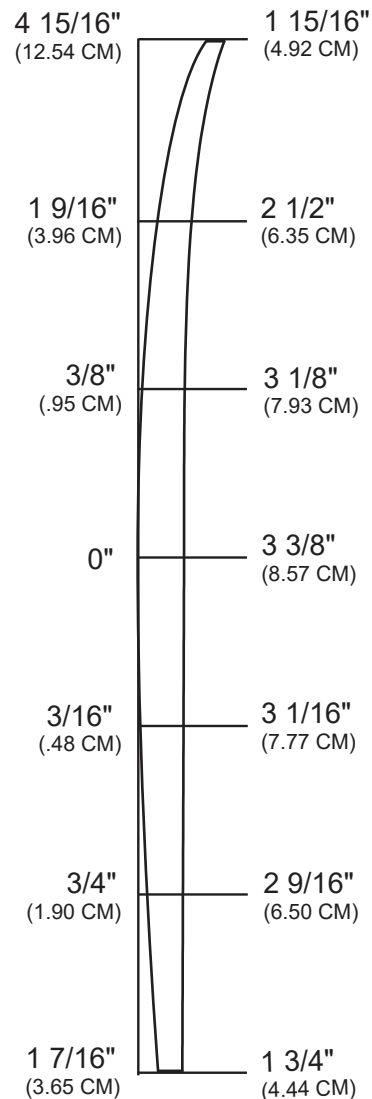
Max Thickness: 3 3/8" (8.41 CM)

Shaped By: Steve Seebold
October 2006

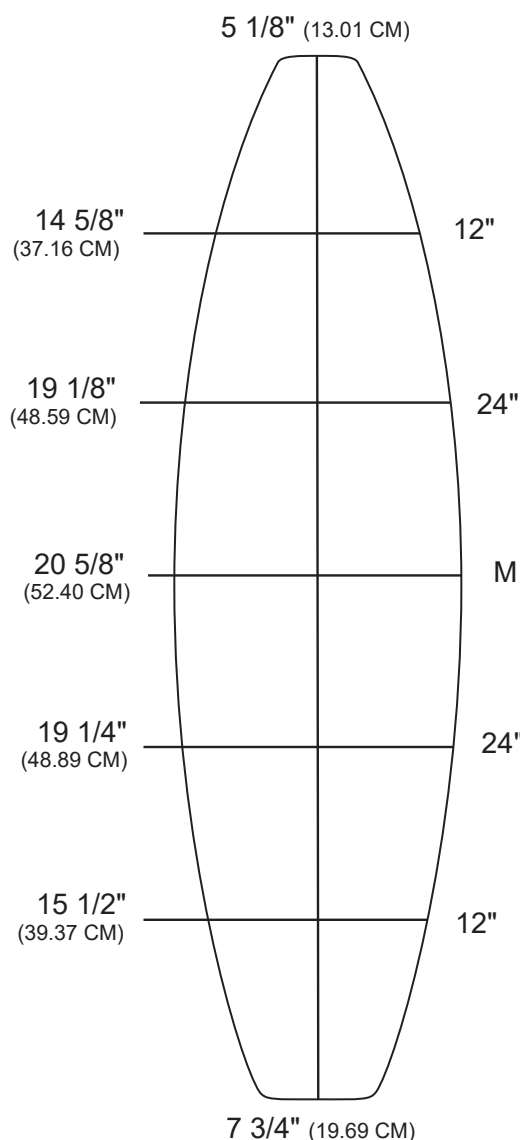
The 63S is a classic fish blank in every sense. Width, thickness, gradual rocker, and a primarily flat deck. Twin Keel fish and Kneebords will net easily. Does not accept rocker accelerations well due to the full volume in the nose and blocky rail.

Volume: 62.8 L

Recommended Densities:



6'3"DG



Bottom Length: 6' 3 9/16"
(192 CM)

Tip To Tip Deck: 6' 2 3/4"
(189.9 CM)

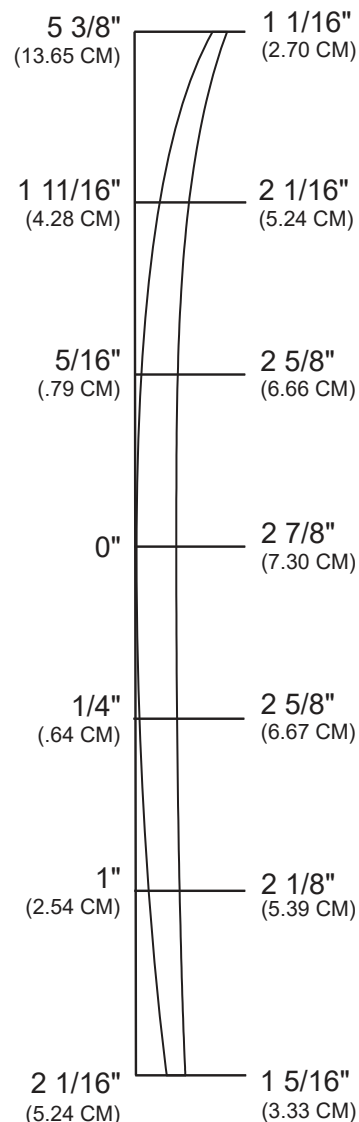
Max Width: 20 5/8" (52.40 CM)

Max Thickness: 2 7/8"
(7.30 CM)

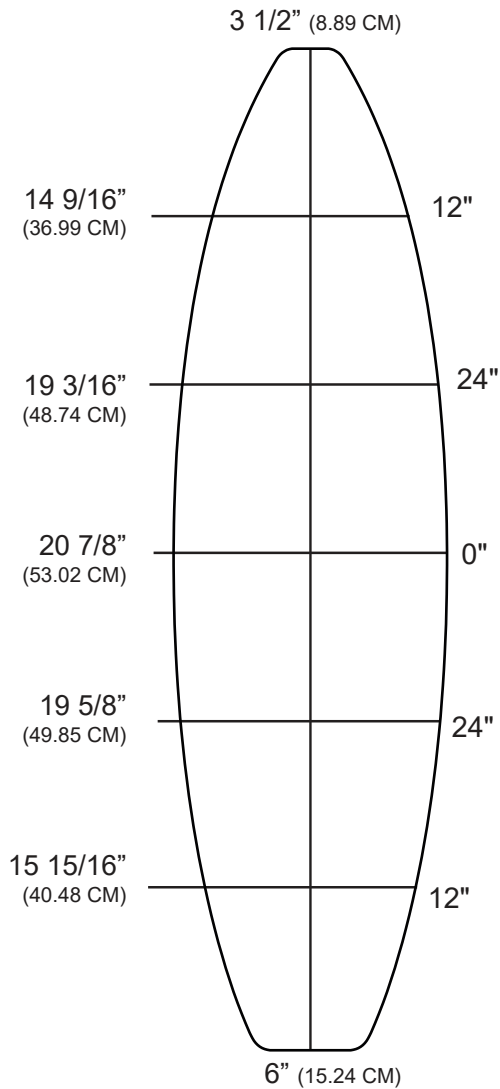
One of the most popular blanks that we produce. The 63DG follows in the footsteps of the 61DG as one of the most versatile shortboard blanks in the market. Used regularly by every major builder, it has proven to be a versatile and cost effective blank for sub 6'1" standard shortboards.

Volume: 43.16 L

Recommended Densities:



6'4"P



Bottom Length: 6' 3 1/8"
(190.82 CM)

Tip To Tip Length: 6' 2 1/2"
(189.15 CM)

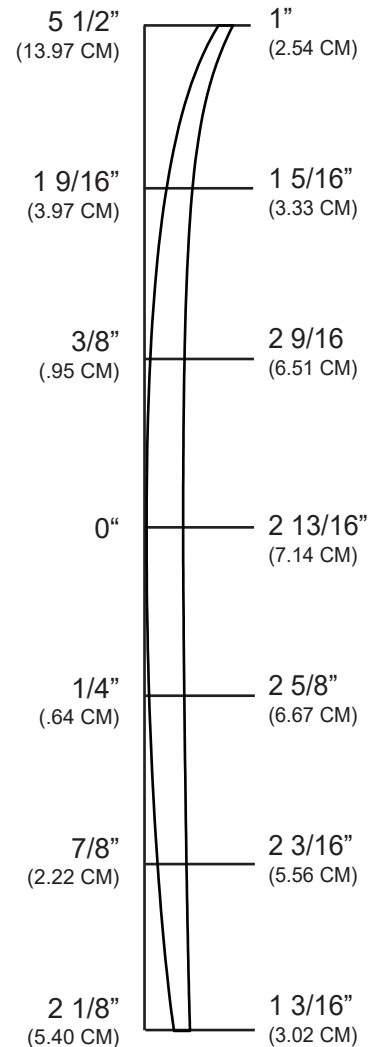
Max Width: 20 7/8" (53.02 CM)

The 64P spans the gap between close tolerance hand shape blanks and machine cutting banks. The thickness flow is not excessive but is carried out to the rails. The deck is not excessively crowned and will net a standard short board shape with ease

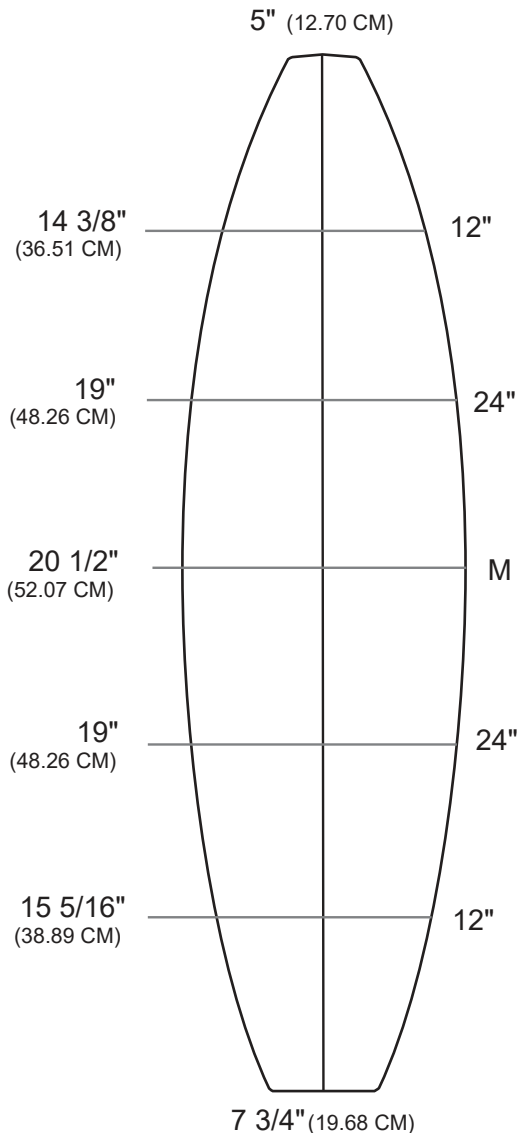
Volume: 44.7 L

Cross Reference:
The 64P can be directly compared to the US Blanks 64EA. The largest difference will be found in the profile of the deck and rail volume. Against the backdrop of current surfboard design, the EA can be too thin and excessively crowned. The 64P, strikes a better middle ground with its volume distribution and ability to yield shapes that are fuller.

Recommended Densities:



6'4"CT



Bottom Length: 6' 5"
(198.6 CM)

Tip To Tip Deck: 6' 2 13/16"
(190 CM)

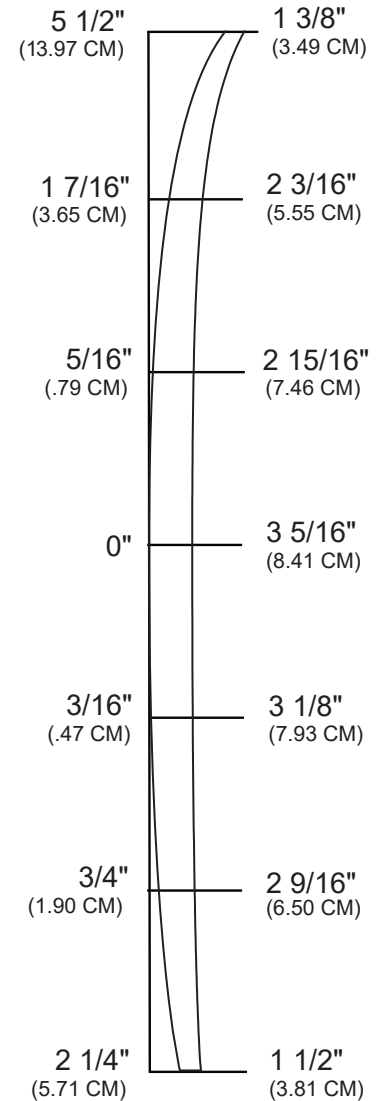
Max Width: 20 1/2" (52.07 CM)

Max Thickness: 3 5/16" (8.41 CM)

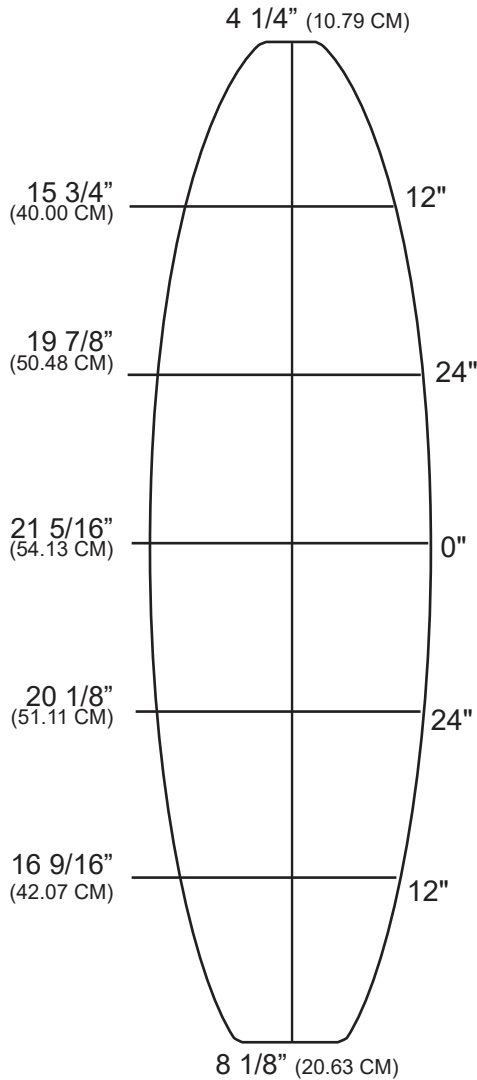
This is the thicker version of the 64C. The 64C, based customer feedback, was sometimes too thin. The 64CT has added thickness and volume. The rocker has been modernized as well from the previous relaxed natural and has the new 2014 version.

Volume: 48.2 L

Recommended Densities:



6'4"A



Bottom Length: 6' 4 15/16"
(195.42 CM)

Tip To Tip Length: 6' 4"
(193.04 CM)

Max Width: 21 5/16" (54.13 CM)

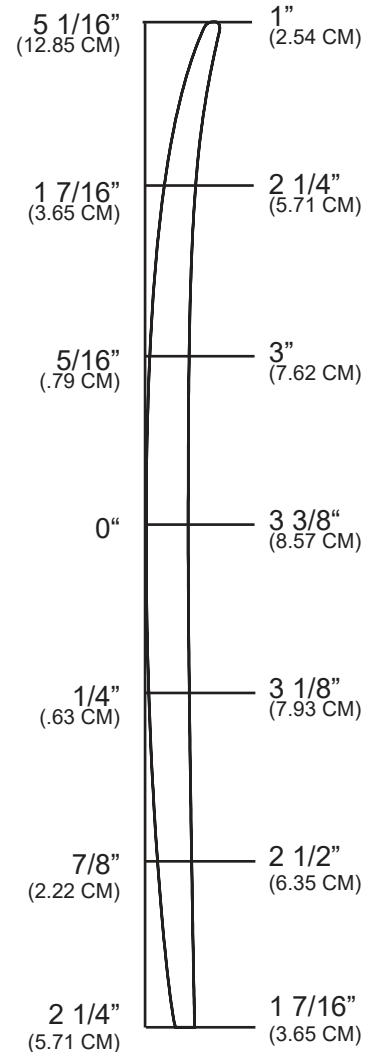
The 64A is the second in our new 'A' series of blanks. They are wider and fuller than our standard 'DG' short-board blanks. The width is added throughout and the thickness is carried to the rail bands. The 64A will accommodate the new trend of wider and thicker shortboards.

Volume: 52.7 L

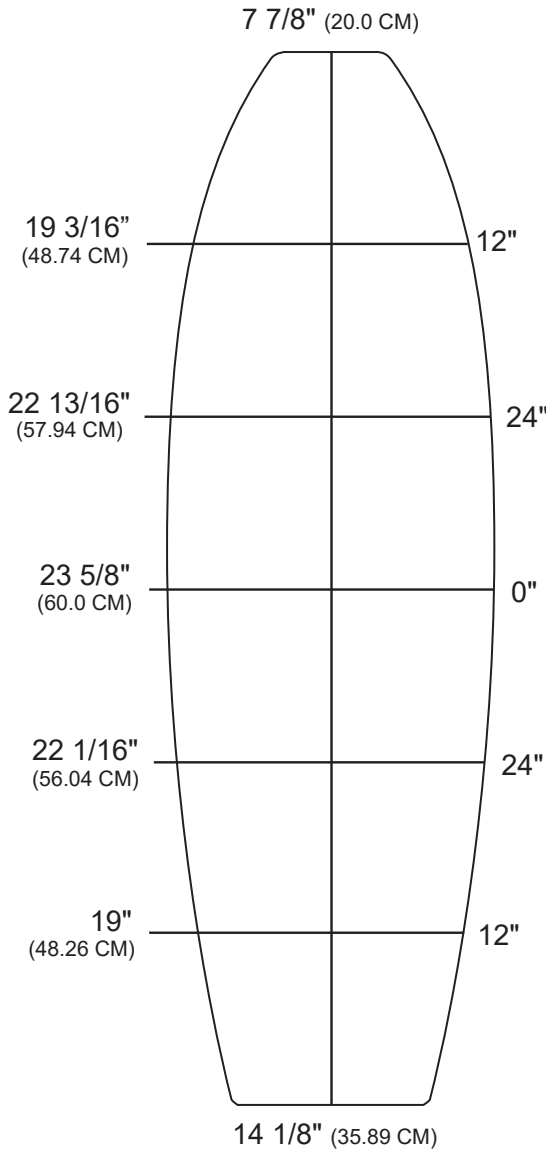
Cross Reference:

The 64A sits in line with the US Blanks 64MB and the Arctic 64SBF. Shapers relate that they are able to substitute the 64A for either of the other two blanks with no loss to what they can pull out of it.

Recommended Densities:



6'5"F



Bottom Length: 6' 4 5/8"
(194.63 CM)

Tip To Tip Deck: 6' 4" (193.0 CM)

Max Width: 23 5/8" (60.0 CM)

Max Thickness: 3 1/4" (8.25 CM)

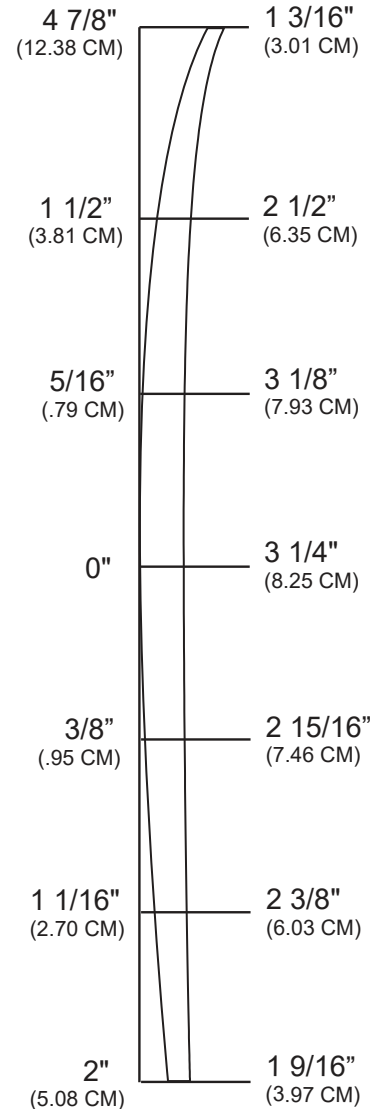
General all purpose fish blank.
Gradual rocker curve allows
flexibility, while deck profile
makes for quick shaping

Volume: 61.0 L

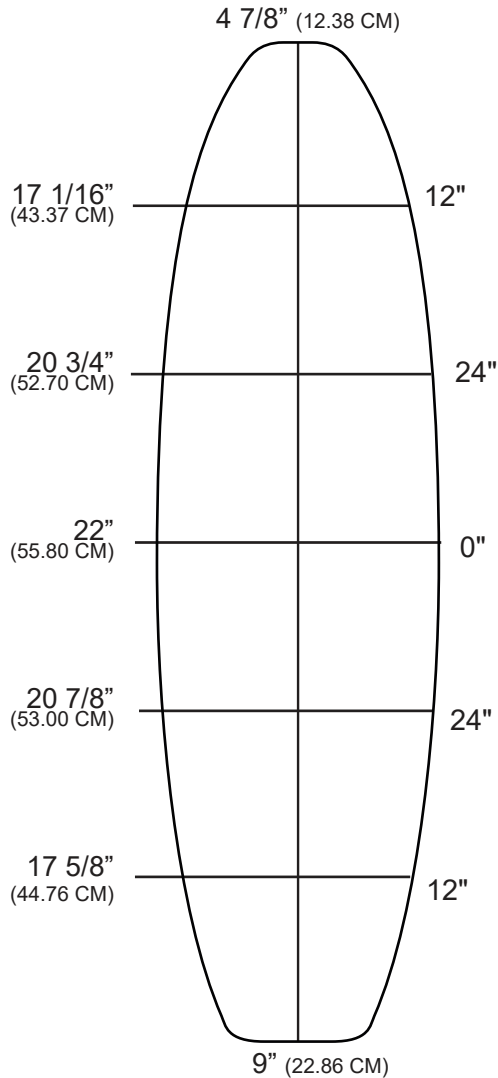
Cross Reference:

The 65F is most similar to the US Blanks 65A. The largest improvement from the the 65A, as noted by shapers, is the that the nose and tail carry a consistent thickness from the center mass. The last 18" of the ends are not "pinched." Because the volume is more consistent nose to tail, the blanks overall thickness proves to be more versatile.

Recommended Densities:



6'5"DE



Bottom Length: 6' 6 5/8"
(199.71 CM)

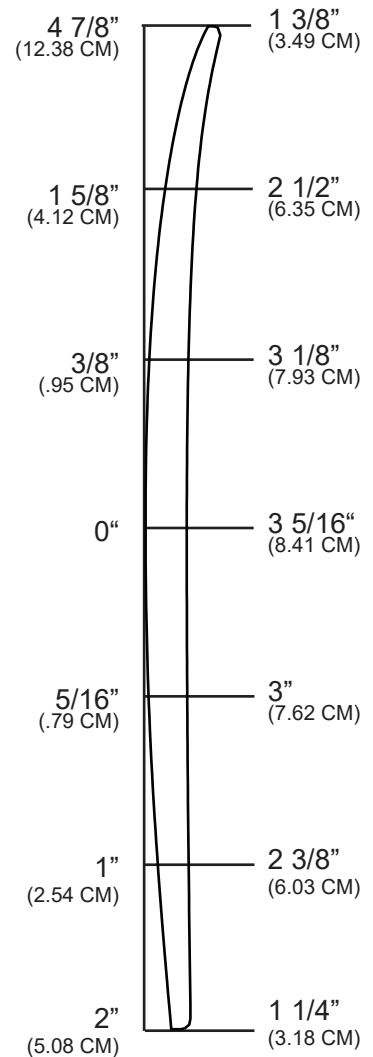
Tip To Tip Length: 6' 6"
(198.12 CM)

Max Width: 22" (55.80 CM)

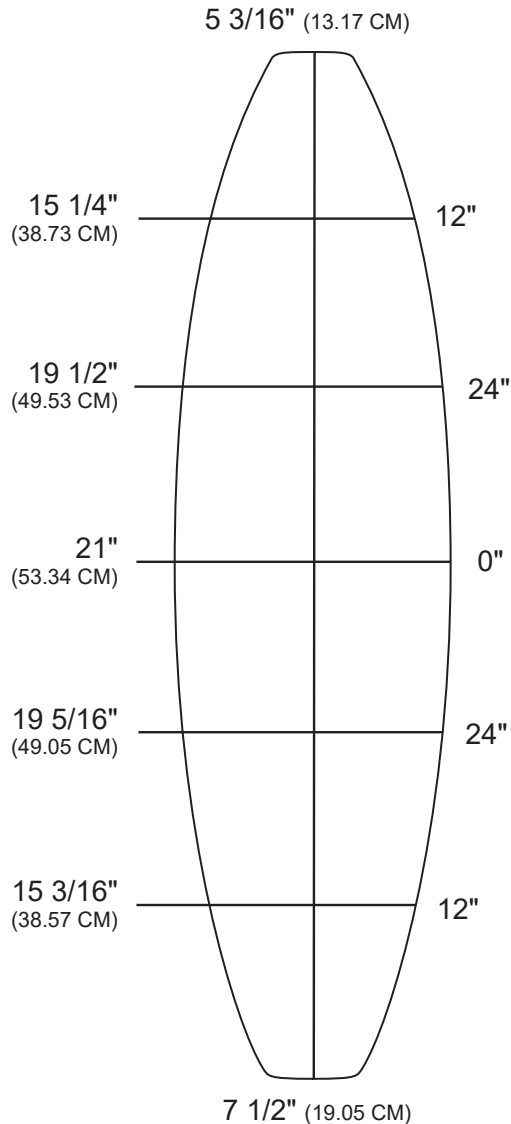
The 65DE follows in the pattern of the 60DE and 62DE/62DT. Blanks with shortboard length, but fuller width and volume. This blank was designed to net the type of wider and thicker shortboard building that has become common. The 'DE' line bridges the gap between shortboard specific blanks, and fish blanks.

Volume: 57.3 L

Recommended Densities:



6'6"DG



Bottom Length: 6' 6 1/8"
(198.5 CM)

Tip To Tip Deck: 6' 5 1/2"
(196.9 CM)

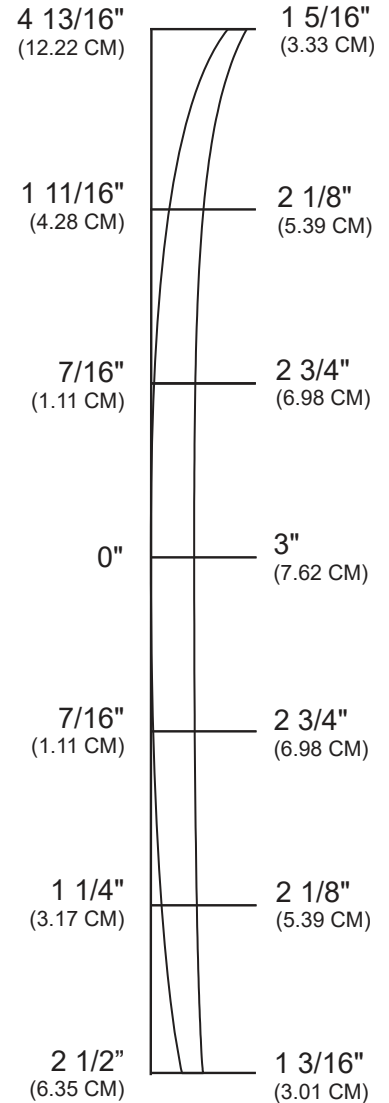
Max Width: 21" (53.34 CM)

Max Thickness: 3" (7.30 CM)

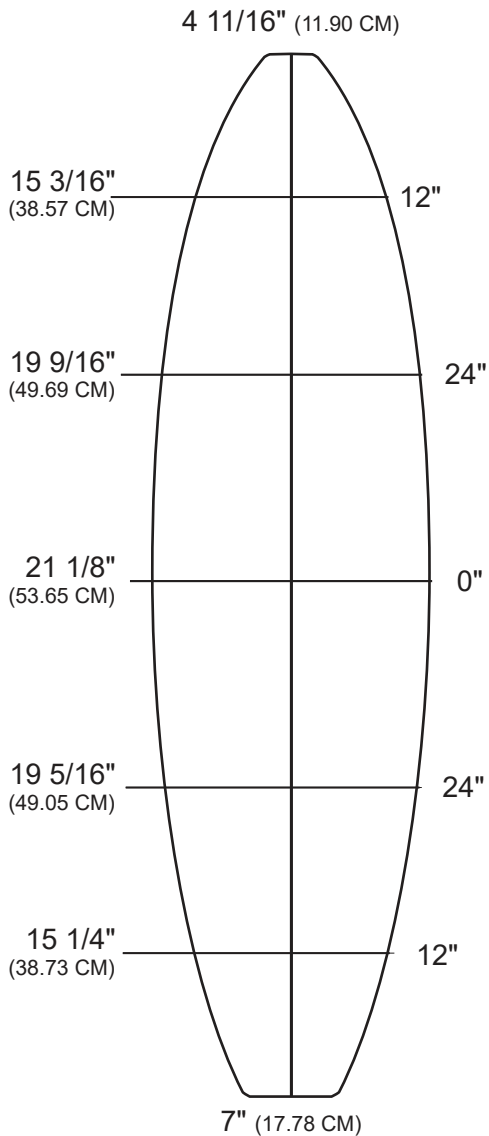
Carries the same design principals as all the other 'DG' Series. Machine friendly with good proportion out to the rails. The 66DG compliments the 63DG as one of our more popular choices for machine usage.

Volume: 45.3 L

Recommended Densities:



6'8"DG



Bottom Length: 6' 8 1/4" (203.83 CM)

Tip To Tip Deck: 6' 7 11/16" (202.41 CM)

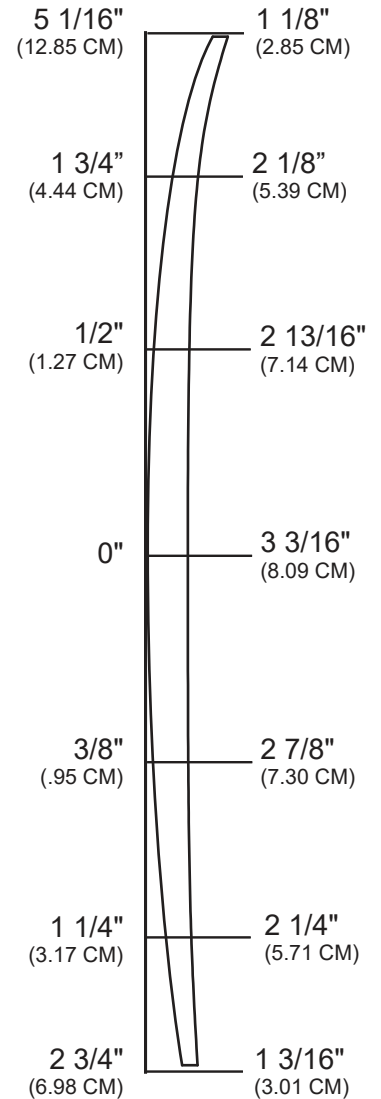
Max Width: 21 1/8" (53.65 CM)

Max Thickness: 3 3/16" (7.93 CM)

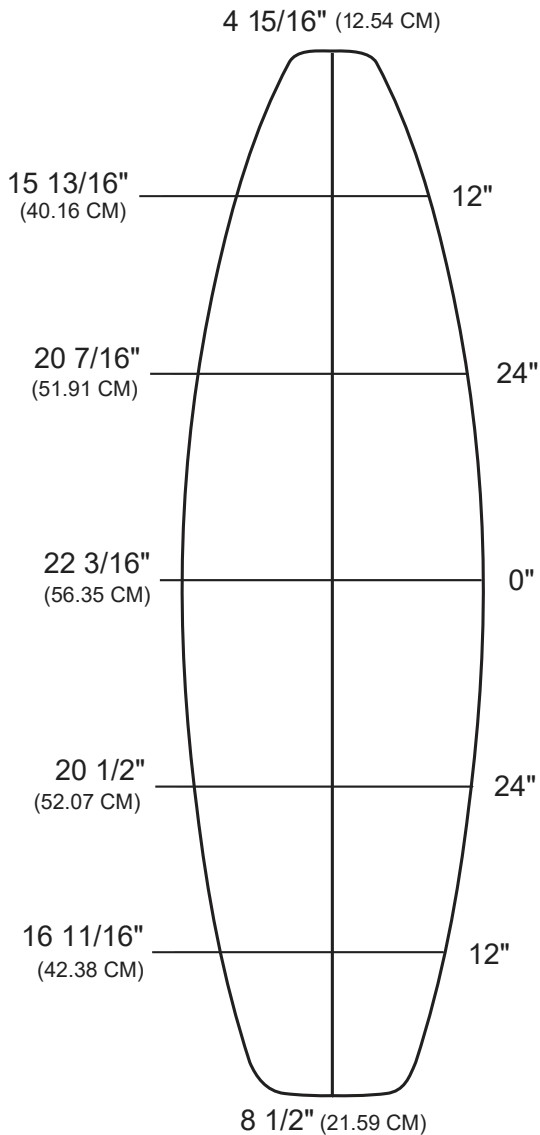
Carries the same design principals as all the other 'DG' Series.
Machine friendly with good proportion out to the rails

Volume: 50.9 L

Recommended Densities:



6'9"A



Bottom Length: 6' 9 11/16"
(207.49 CM)

Tip To Tip Deck: 6' 9"
(205.74 CM)

Max Width: 22 3/16" (56.35 CM)

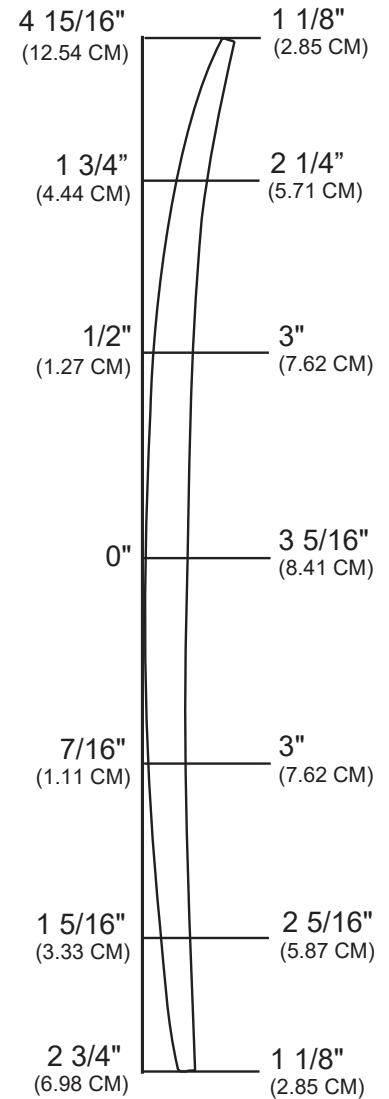
Max Thickness: 3 5/16" (8.25 CM)

This blank is a redesigned version of the 68DG. The width in the last half has been increased almost 1". More volume has been added to the rail bands. Both of those adjustments make this blank even more suited to the wider, thicker railed short boards designs that are common now.

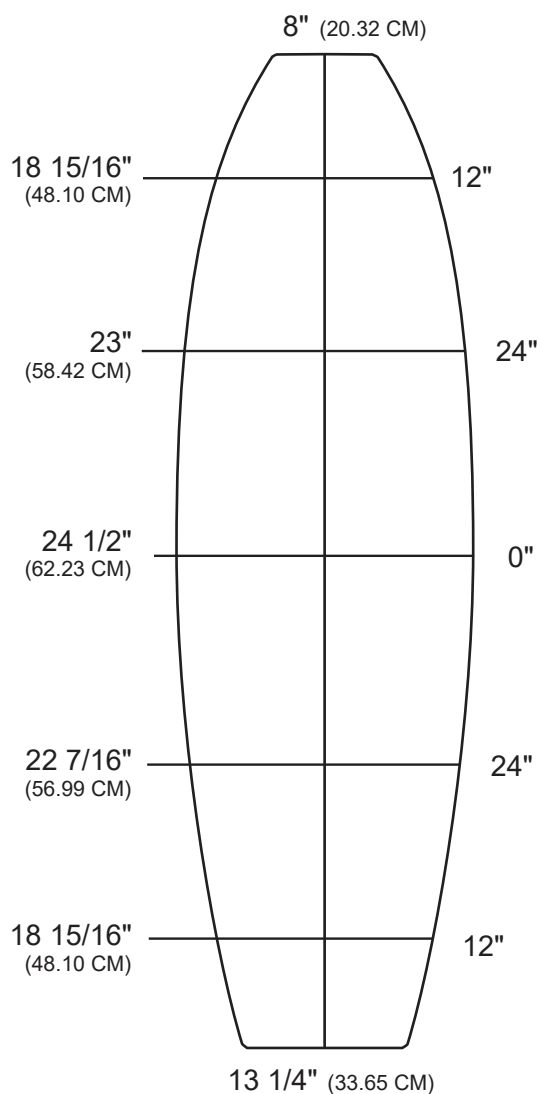
Volume: 57.5 L

Cross Reference:
Can be directly compared to the Arctic 68SBF, width and proportions are very similar. Proportionally the 69A has better volume distribution by not wasting material by having wide-square corners on the ends.

Recommended Densities:



6'10"M



Bottom Length: 6' 10 1/2"
(209.5 CM)

Tip To Tip Deck: 6' 10" (208.3 CM)

Max Width: 24 1/2" (62.23 CM)

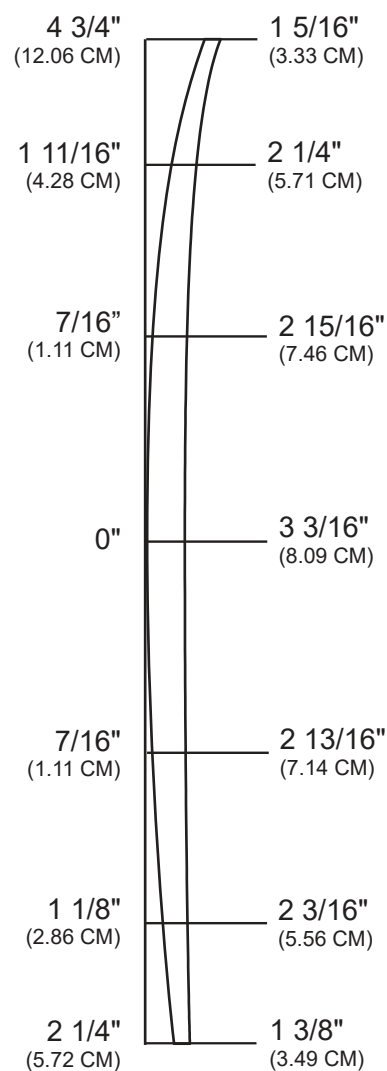
Max Thickness: 3 3/16" (7.94 CM)

Shaped By: Bob Mitsven
September 2006

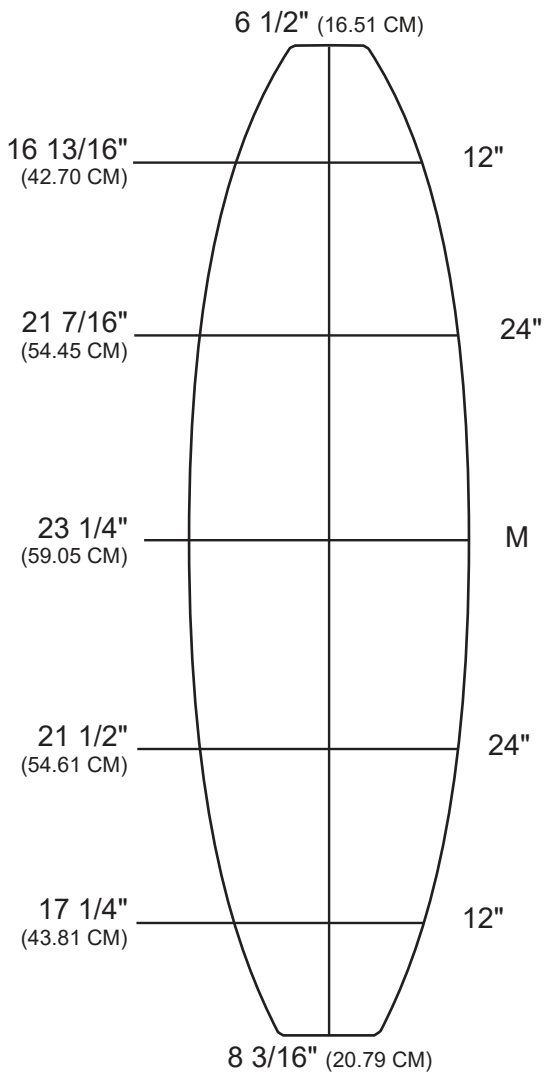
The 610M is a compliment to the much larger 611F. This blank has a thinner profile and is a balance from the overly thick 611F. Hand shape friendly

Volume: 66.02 L

Recommended Densities:



6'11" M



Bottom Length: 6' 11 1/8"
(211.14 CM)

Tip To Tip Deck: 6' 10"
(208.28 CM)

Max Width: 23 1/4" (59.05 CM)

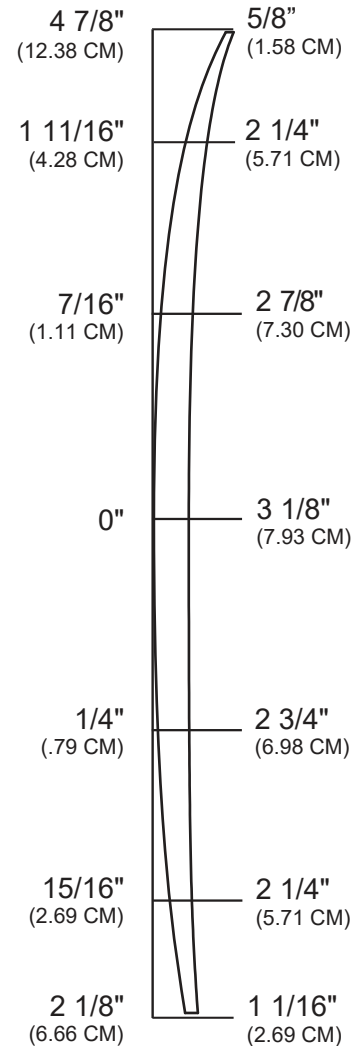
Max Thickness: 3 1/8" (7.62 CM)

Shaped By: Bob Mitsven
August 2006

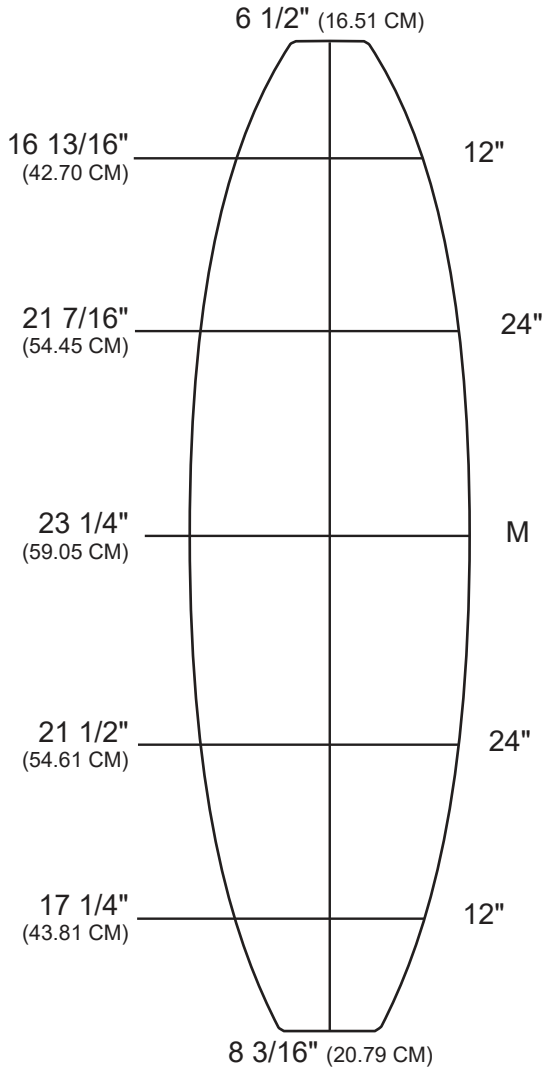
This blank was developed with the old Clark Foam 611R in mind. Added width, and rail volume make this an ideal blank for bigger shortboards and hybrids.

Volume: 57.39 L

Recommended Densities:



6'11"MT



Bottom Length: 6' 11 1/8"
(211.14 CM)

Tip To Tip Deck: 6' 10"
(208.28 CM)

Max Width: 23 1/4" (59.05 CM)

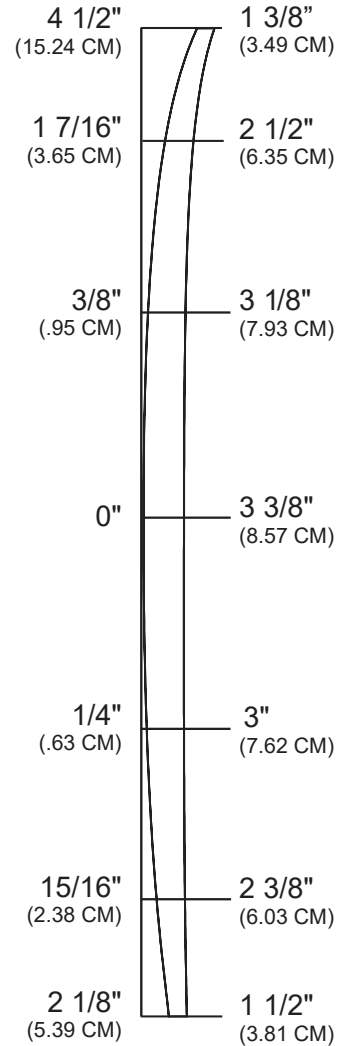
Max Thickness: 3 3/8" (8.57 CM)

Shaped By: Bob Mitsven
August 2006

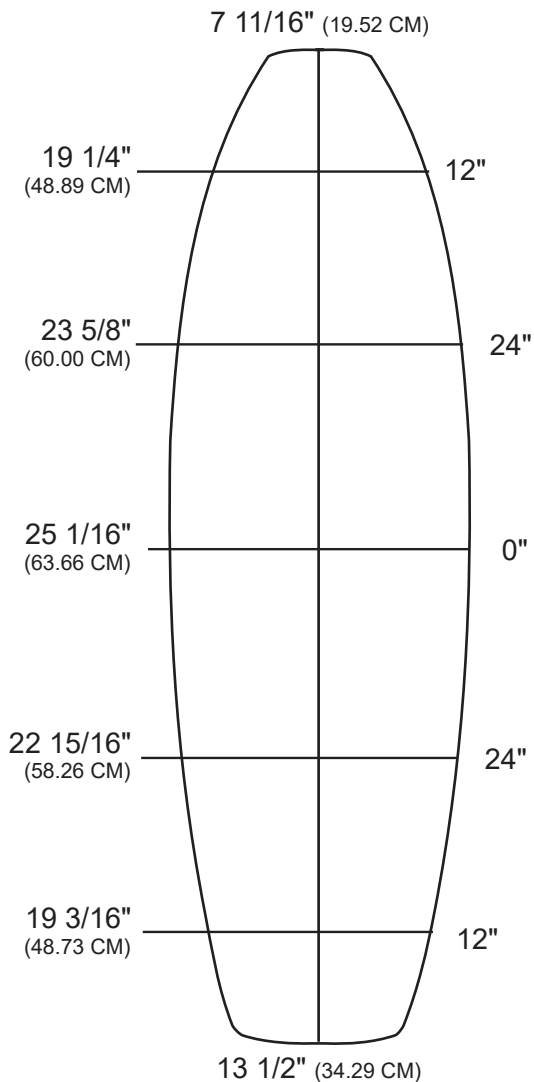
This blank is a thicker version of the 611M. With +3/8" of thickness. This blank hits the middle ground between a step up with width and a full fish. Along with the thickness, we adjusted the rocker to a relaxed natural. More suited to what boards this blank will be generally used for

Volume: 68 L

Recommended Densities:



6'11" F



Bottom Length: 6' 10 1/4"
(208.91 CM)

Tip To Tip Deck: 6' 9 1/8"
(206.06 CM)

Max Width: 25 1/16" (63.66 CM)

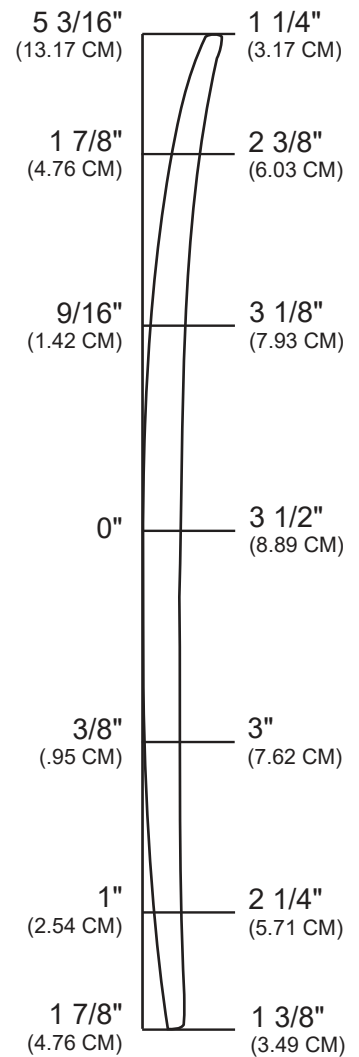
Max Thickness: 3 1/2" (8.89 CM)

Designed for larger and fuller sized fish. Thickness is pushed out to the rail for maximized versatility.

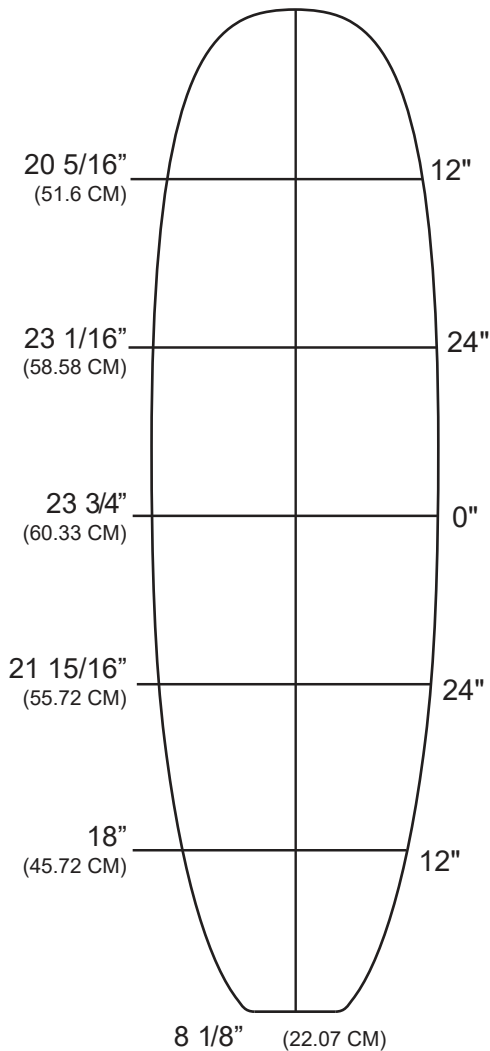
Volume: 70.7 L

Cross Reference:
The benefit of the 611F over the US Blank 610A is the increased center width. The 611F is 1" wider. While it is marginally shorter then the 610A, shaper feedback is that the desired yield is not affected.

Recommended Densities:



6'11" P



Bottom Length: 6'11 1/2" (212.09 CM)

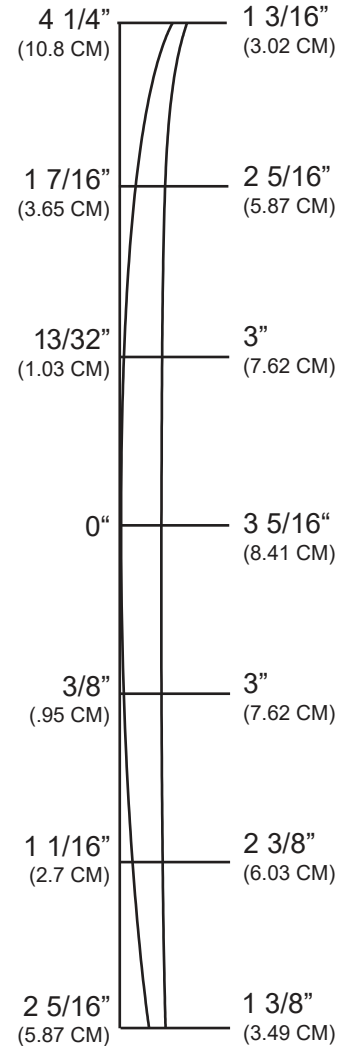
Tip To Tip Length: 6' 11" (210.82 CM)

Max Width: 23 3/4" (60.33 CM)

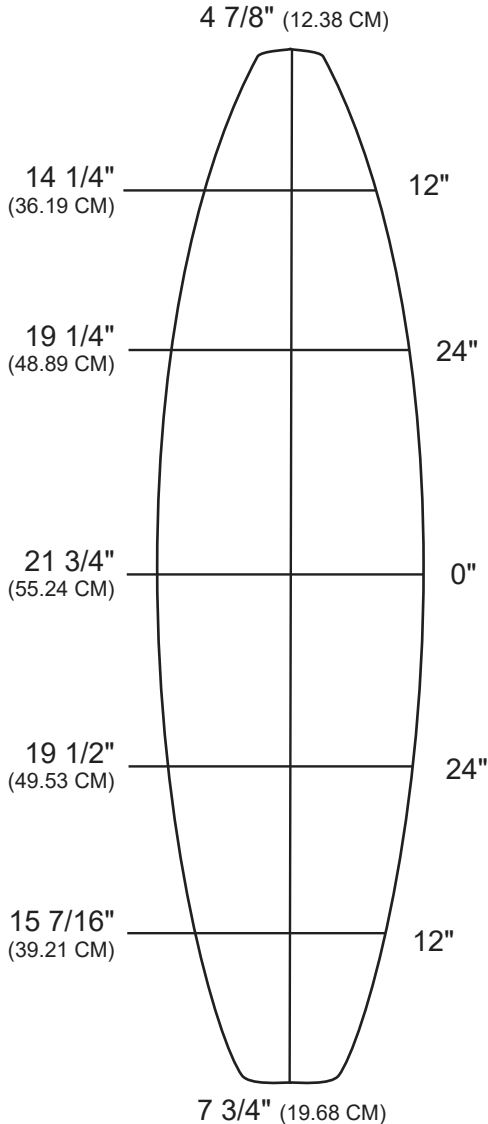
The 611P is a shrunk down version of our 74P. This was a style of blank and length that was a regular request from shapers that we put into production. It has the same proportions and rocker characteristic as the 74P and has been designed to be the most versatile blank in this size range

Volume: 69.7 L

Recommended Densities:



7'1"DG



Bottom Length: 7' 1 1/2"
(217.2 CM)

Tip To Tip Deck: 7' 0" (213.4 CM)

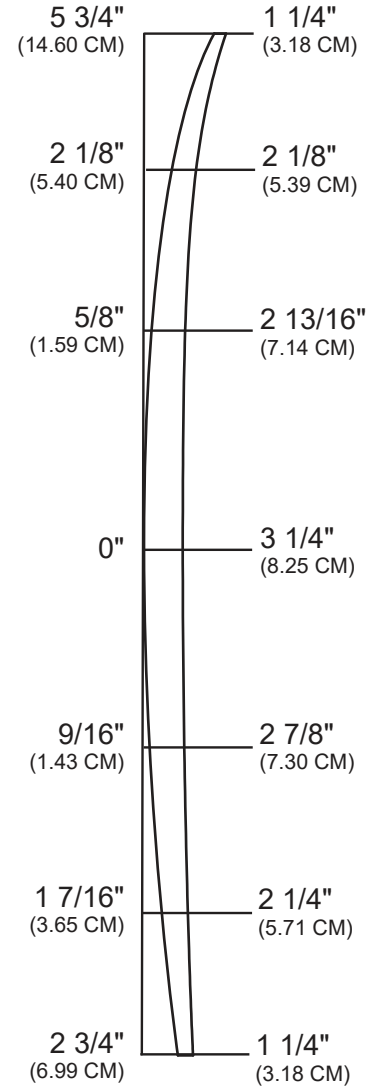
Max Width: 21 3/4" (55.24 CM)

Max Thickness: 3 1/4"
(8.25 CM)

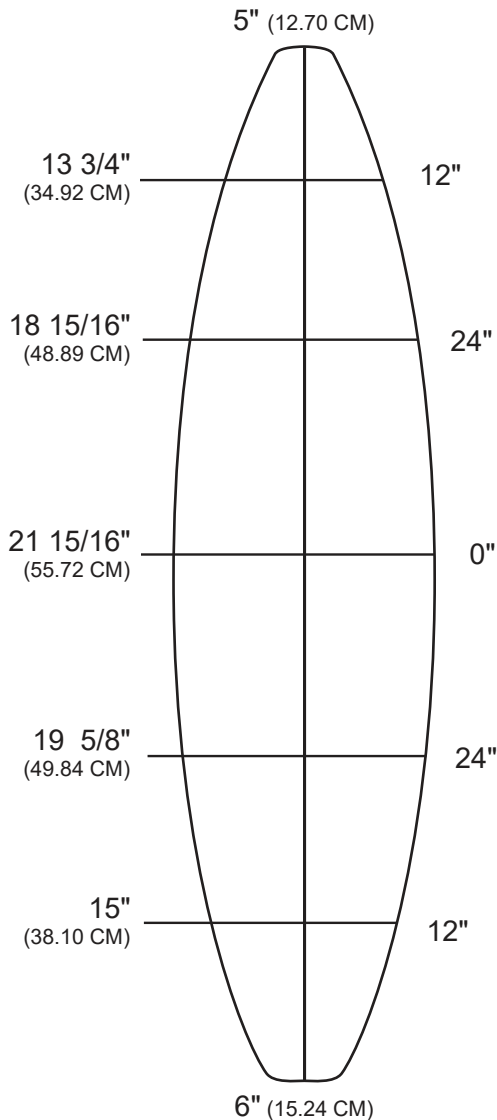
General blank geared towards
step-ups and larger shortboards.
Takes rocker adjustments well
and maintains good thickness
flow.

Volume: 56.0 L

Recommended Densities:



7'3"DG



Bottom Length: 7' 4 1/4" (224.2 CM)

Tip To Tip Deck: 7' 3 1/4" (221.6 CM)

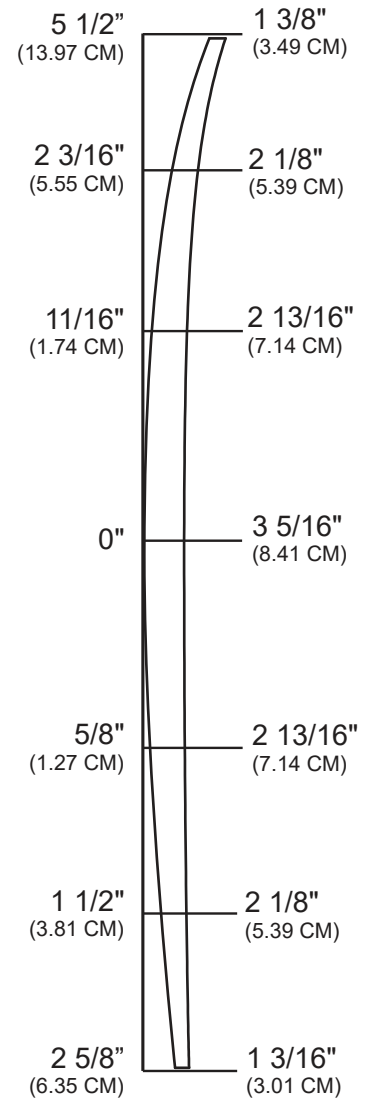
Max Width: 21 1/2" (55.72 CM)

Max Thickness: 3 5/16" (8.41 CM)

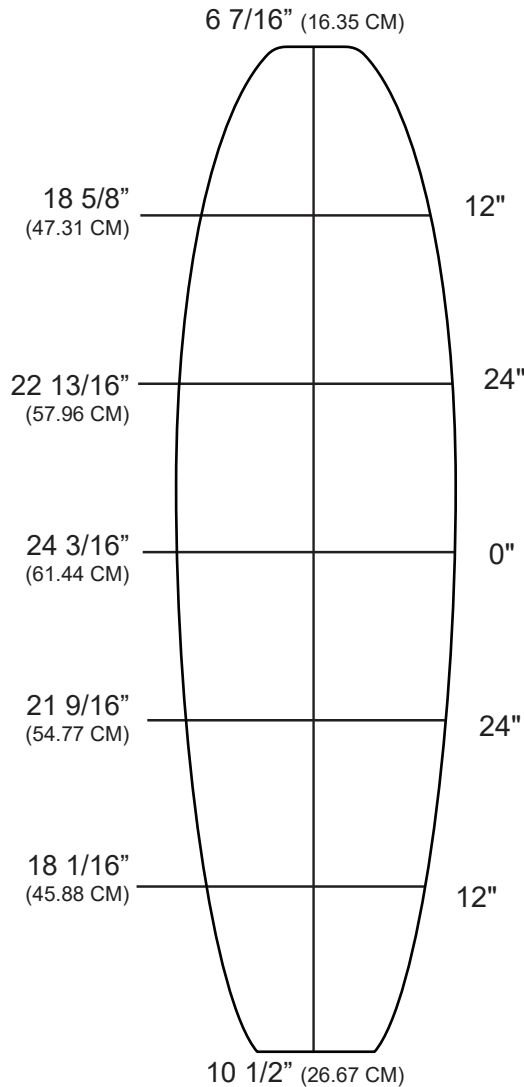
Larger version of 71DG. Will net a 7'0- 7'1 step up. Deck profile works well with machine cutting

Volume: 60.5 L

Recommended Densities:



7'3"F



Bottom Length: 7' 3 5/8"
(222.57 CM)

Tip To Tip Length: 7' 3"
(220.98 CM)

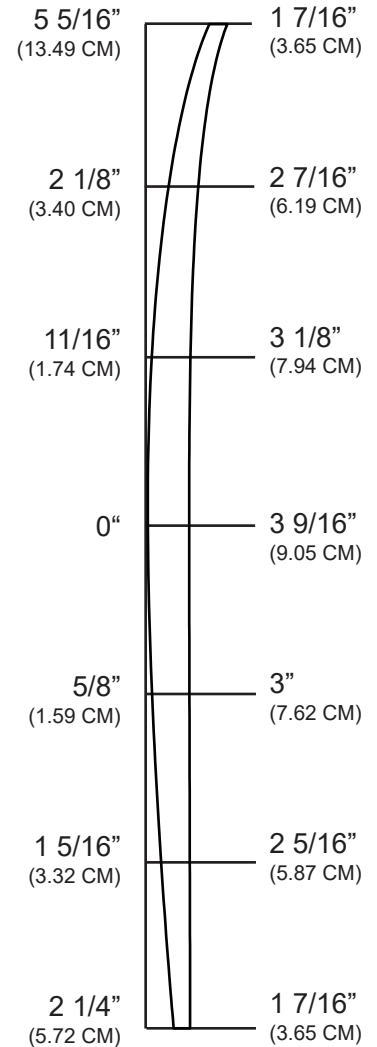
Max Width: 24 3/16" (61.44 CM)

24" The 73F is a generously proportioned fish blank. The natural rocker while semi-progressive can be adjusted for a relaxed rocker profile. Like all millennium blanks, the volume is placed to maximize width and thickness.

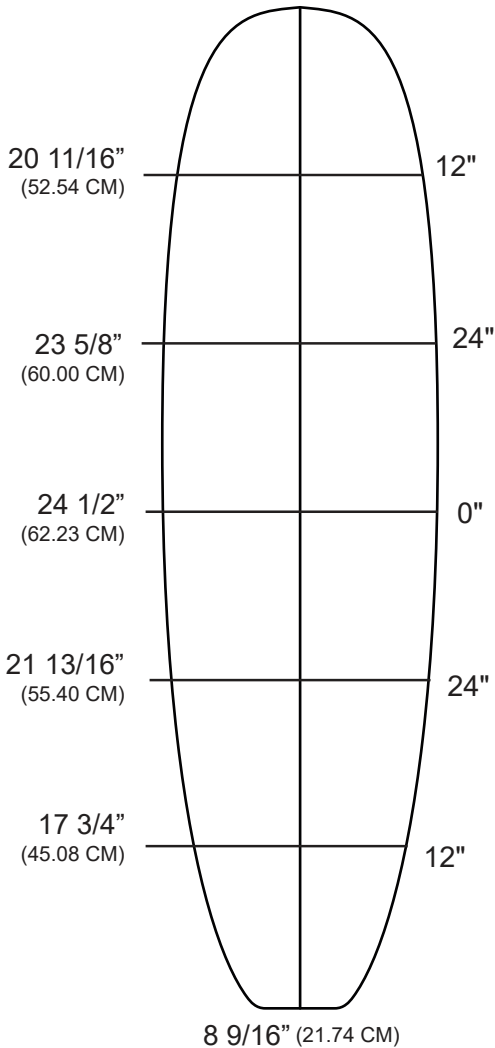
24" Volume: 79.3 L

Cross Reference:
Can be compared directly to the US Blanks 73A. The largest difference between the two is the length and thickness of the 73F. The 73F is longer by a inch and thicker across the entire blank profile. The front third of the deck line is not as "scooped out." Preventing the tendency to camel hump the deck.

Recommended Densities:



7'4"P



Bottom Length: 7' 5 1/2" (223.33 CM)

Tip To Tip Length: 7' 5" (213.36 CM)

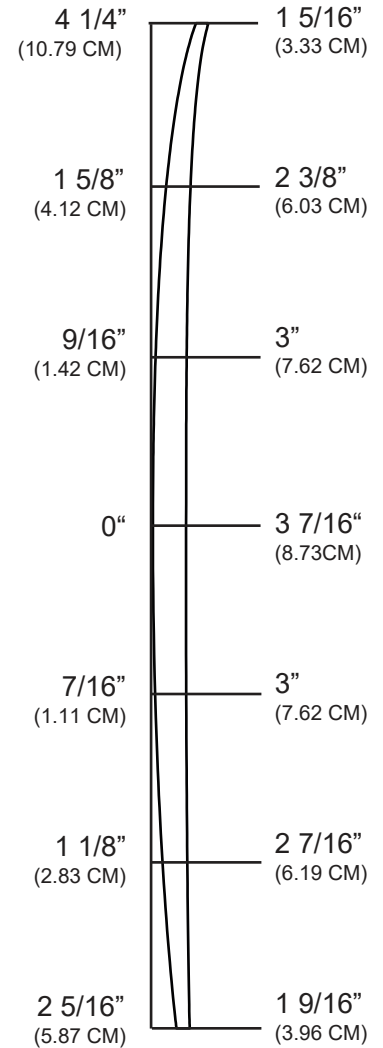
Max Width: 24 1/2" (62.33 CM)

The 74P is the smaller version of our popular 79P and 84P. Suited for mini longboard and wider surfboard shapes.

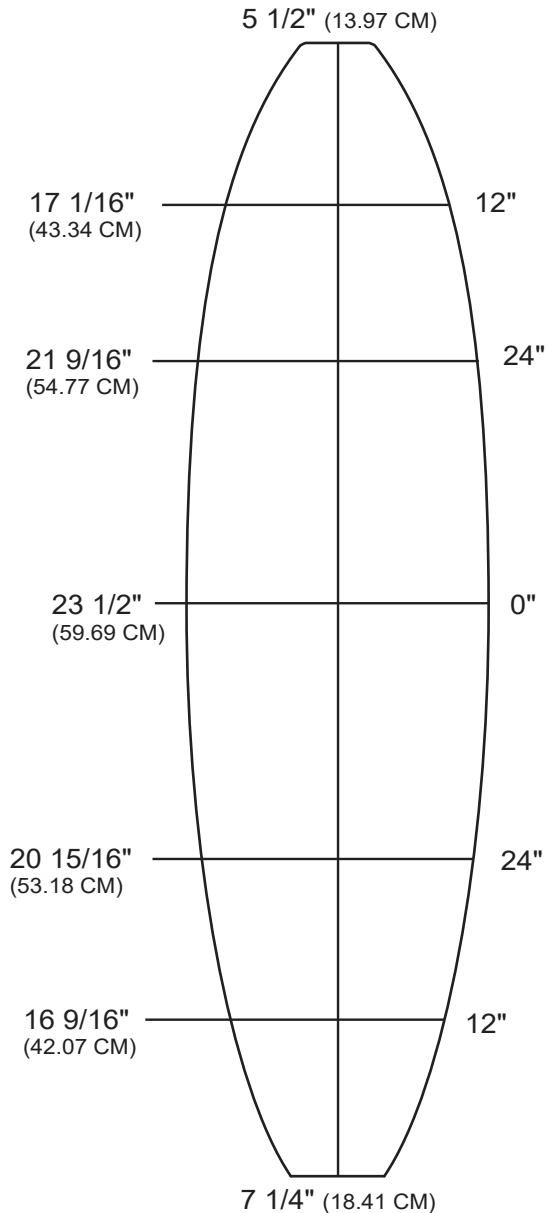
Volume: 78.98 L

Cross Reference:
Slightly wider in the back half of the blank when compared to the US Blanks 74SP.

Recommended Densities:



7'5"HS



Bottom Length: 7' 4 7/8"
(225.74 CM)

Tip To Tip Deck: 7' 4" (223.52 CM)

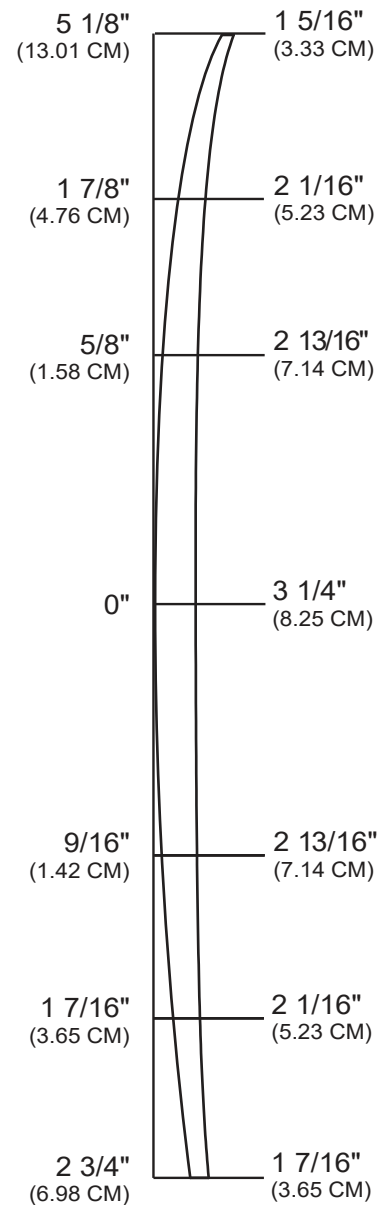
Max Width: 23 1/2" (59.69 CM)

Max Thickness: 3 1/4" (8.25 CM)

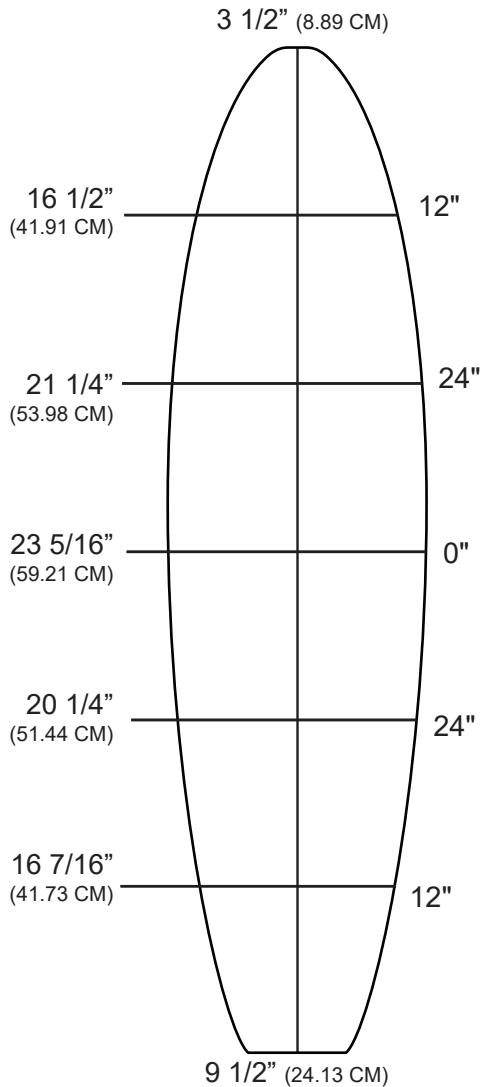
The 75HS is well suited for eggs and hybrids. Blank proportion has been proven to work well for machine usage but also with hand shapers.

Volume: 65.94 L

Recommended Densities:



7'7"B



Bottom Length: 7' 7 5/16"
(231.94 CM)

Tip To Tip Length: 7' 6 7/16"
(229.71 CM)

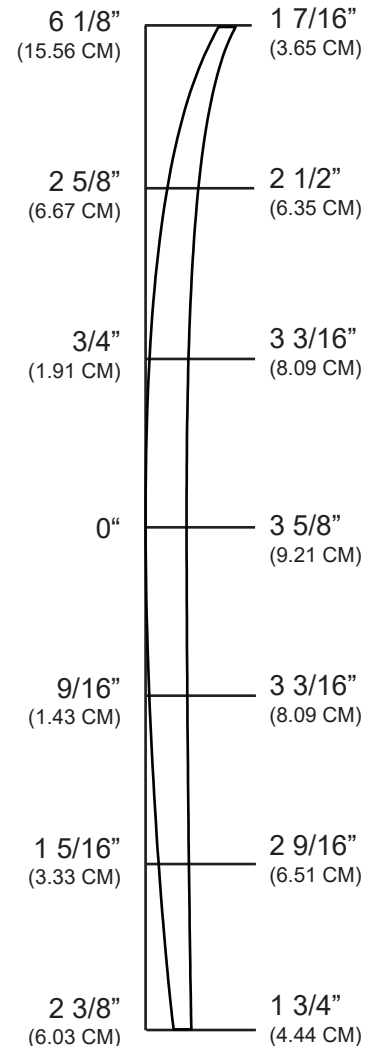
Max Width: 23 5/16" (59.71 CM)

The 77B meets the need for longer big-guy shortboards and retro style mid-length shapes. The natural rocker while semi-progressive can be adjusted for a relaxed rocker profile. Like all Millennium Blanks, the volume is placed to maximize width and thickness.

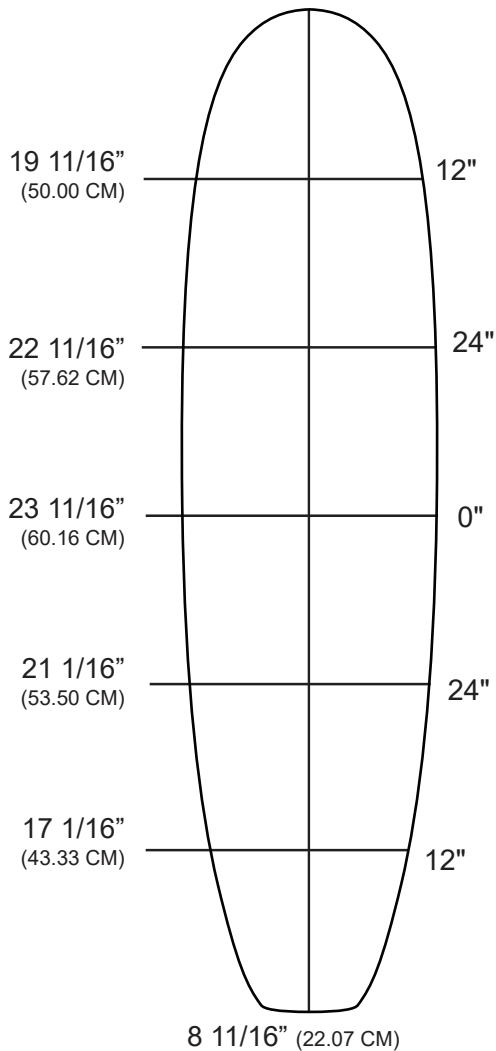
Volume: 76.5 L

Cross Reference:
While the thickness is very similar to the US Blanks 77A, the thickness is carried further out to the rails. Because of the increased volume and distribution, the front third of the nose and tail are not as pinched.

Recommended Densities:



7'9"P



Bottom Length: 7' 9" (236.22 CM)

Tip to Tip Length: 7' 9 3/8" (237.17 CM)

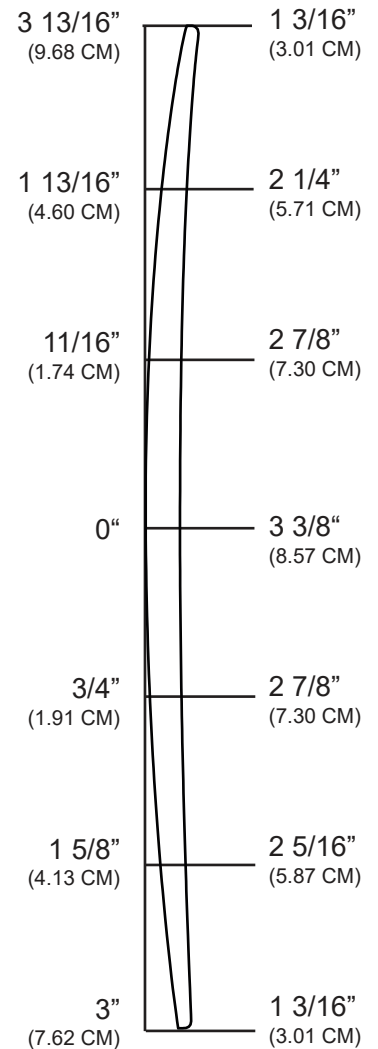
Max Width: 23 11/16" (60.16 CM)

The 79P has been built for mini longboards and funshapes. The deck is mildly crowned and takes rocker adjustment well. For a version with more thickness, see the 79PT. Same outline, more thickness.

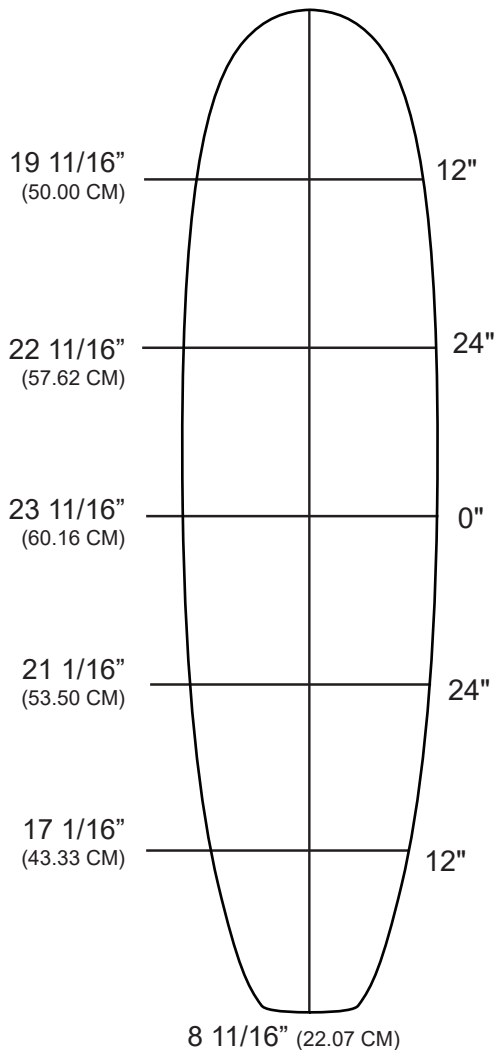
Volume: 73 L

Cross Reference:
Directly comparable to the USB 79H. Improvement was made by adding thickness and slight crown to the deck. Bridges the gap between a hand shape oriented blank and one that is more suitable for the machine.

Recommended Densities:



7'9"PT



Bottom Length: 7' 9" (236.22 CM)

Tip To Tip Length: 7' 9 3/8" (237.17 CM)

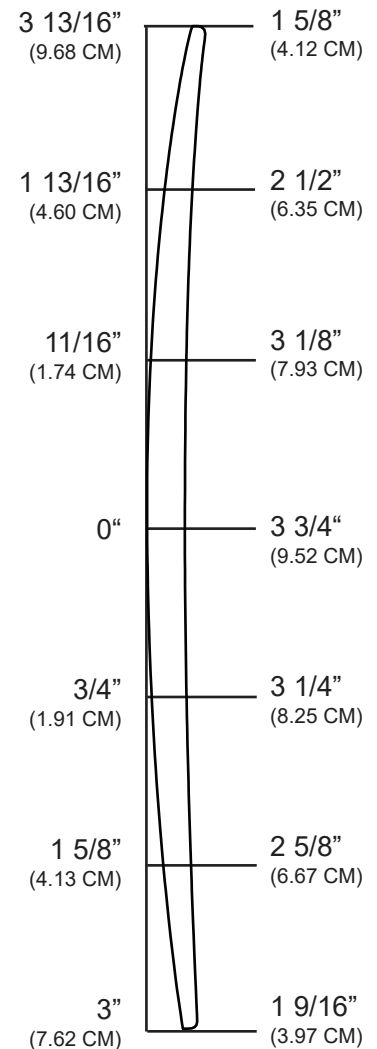
Max Width: 23 11/16" (60.16 CM)

The 79PT is a 1/4" thicker version of the 79P. Although thicker, it still has a profile suited for hand shaping when thickness is required. The added thickness works well for machine cutters.

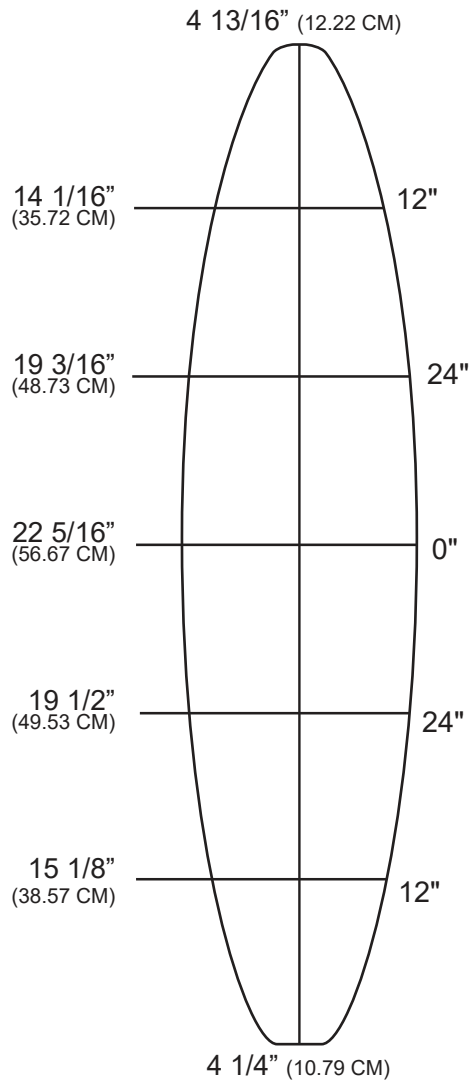
Volume: 85 L

Cross Reference:
Directly comparable to the USB 79HX. All important reference points will be similar.

Recommended Densities:



7'10"DG



Bottom Length: 7' 10 1/4"
(240.03 CM)

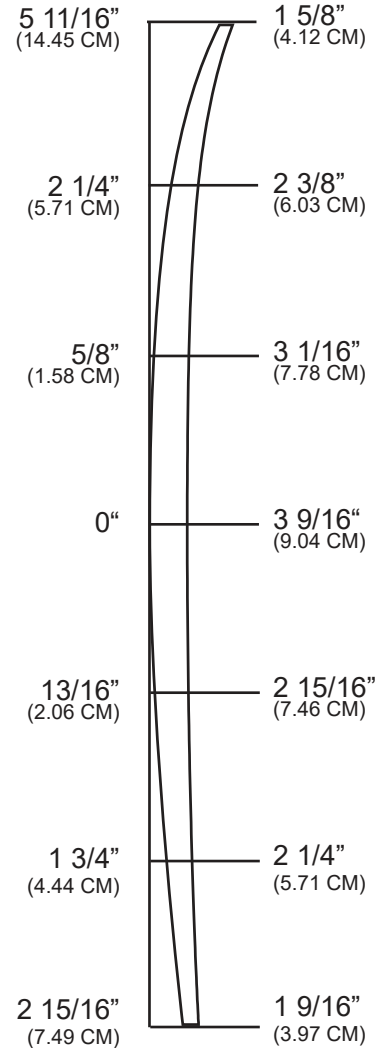
Tip To Tip Length: 7' 9 1/2"
(237.49 CM)

Max Width: 22 5/16" (56.67 cm)

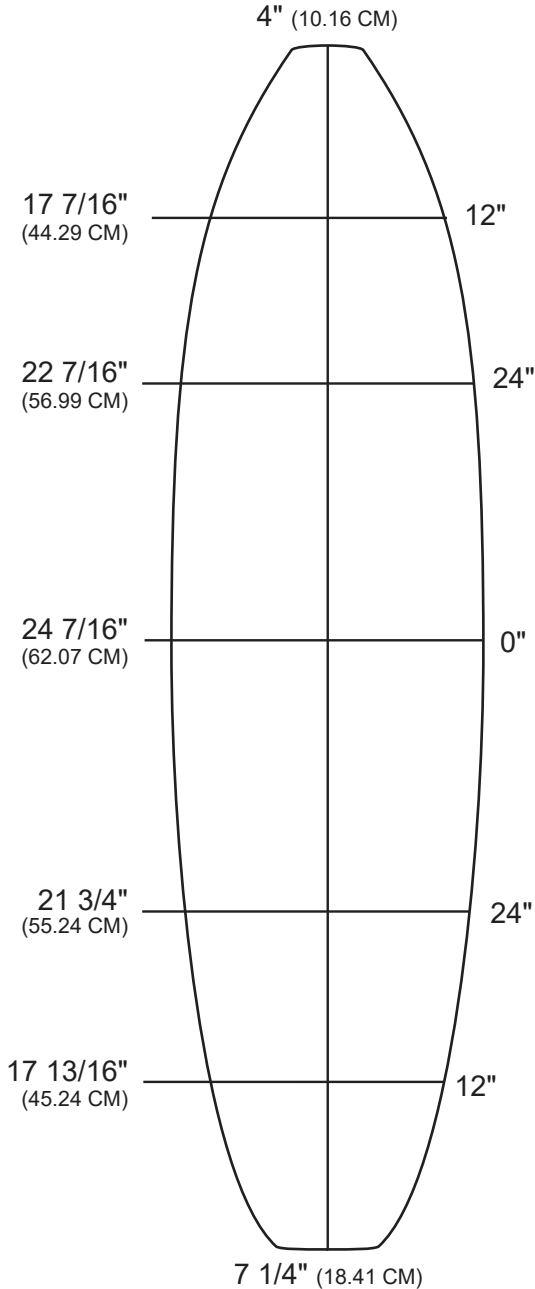
The 710DG is a continuation of our very popular "DG" series of machine blanks. Much like the other blanks in the series, the 710DG carries a fuller deck profile all the way to the rail. The natural rocker is well proportioned for the size and should take adjustments well.

Volume: 69.9 L

Recommended Densities:



7'11"CB



Bottom Length: 7 11 5/16"
(242.1 CM)

Tip To Tip Length: 7' 10 7/16"
(239.9 CM)

Max Width: 24 7/16" (62.07 CM)

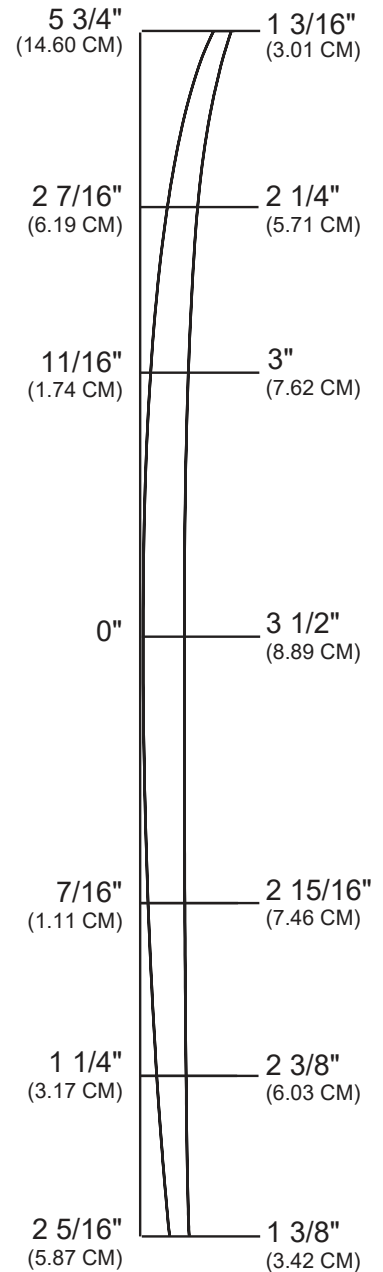
Max Thickness: 3 1/2"
(8.89 CM)

Shaped By: Chris Borst
March 2006

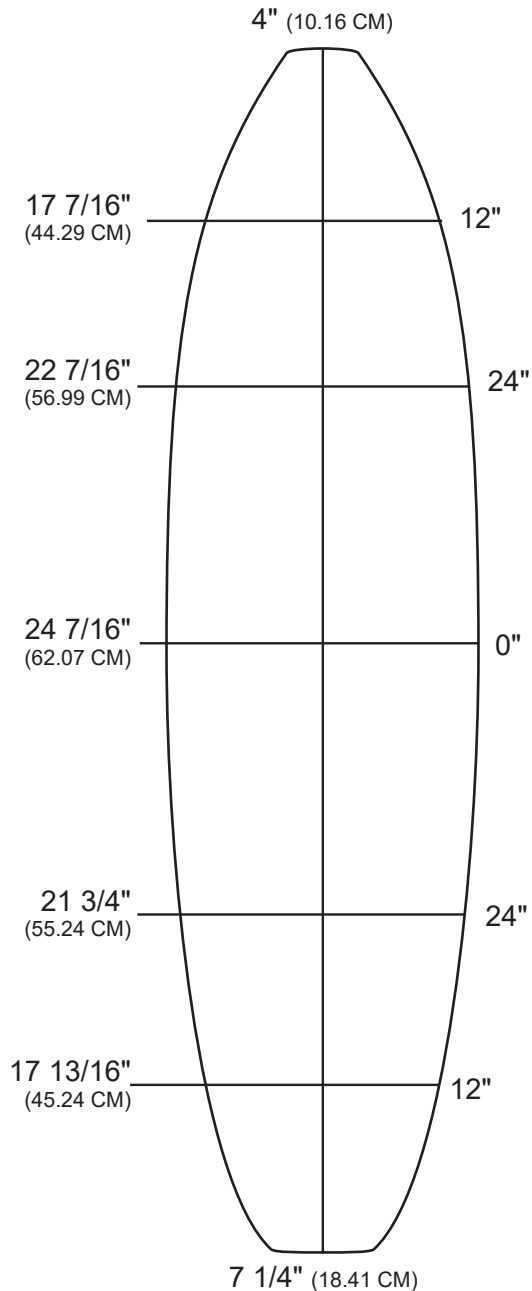
This blank is designed for machine cutting. With general thickness throughout. Blank is well suited for big eggs, hybrids, etc...Original inspiration for this came from the Clark Foam 711R

Volume: 77.6 L

Recommended Densities:



7'11"CT



Bottom Length: 7' 11 5/16"
(242.1 CM)

Tip To Tip Deck: 7' 10 7/16"
(239.9 CM)

Max Width: 24 7/16" (62.07 CM)

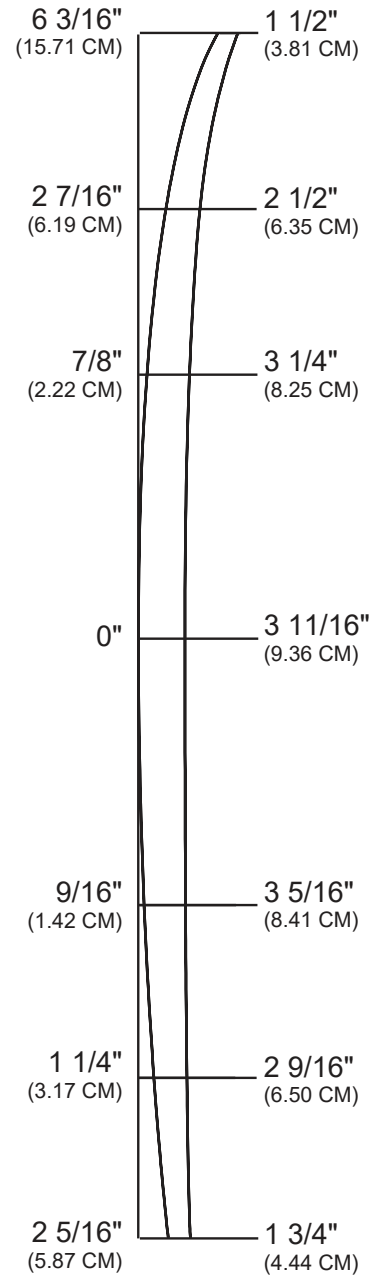
Max Thickness: 3 11/16"
(9.36 CM)

Shaped By: Chris Borst
March 2006

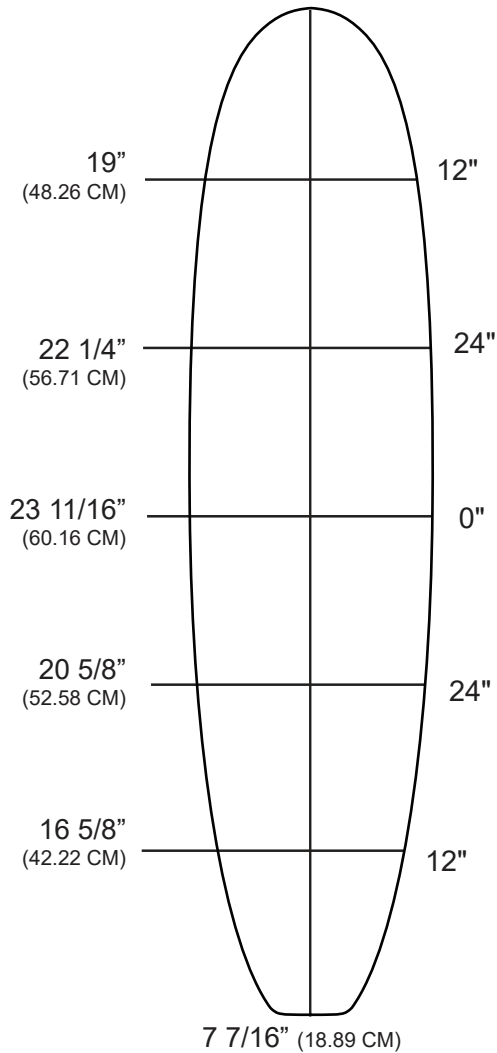
This is a +3/8 version of the 711CB. The thickness is especially useful in the middle/front 2/3 of the blank. This offers more versatility for shapes that carry more volume under the chest

Volume: 88.2 L

Recommended Densities:



8'3"



Bottom Length: 8' 3 1/2"
(252.73 CM)

Tip To Tip Length: 8' 3 1/16"
(251.61 CM)

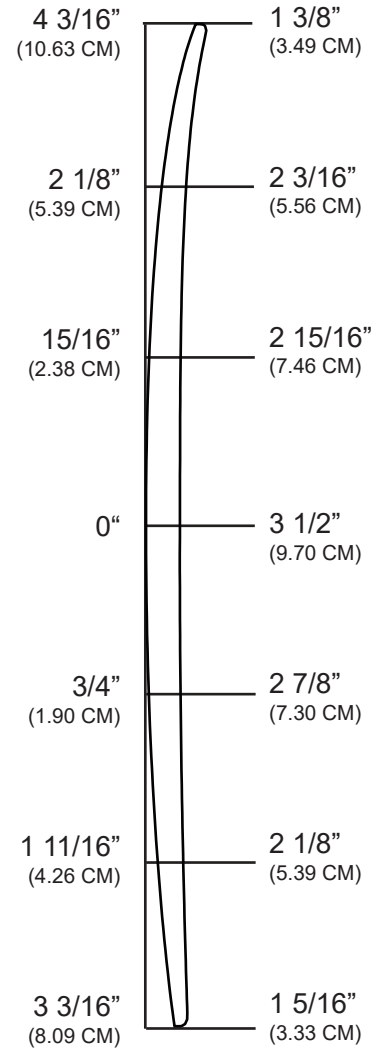
Max Width: 23 11/16" (60.17 CM)

The 83 is more foiled then our other blanks in this size range and type. Able to handle more aggressive rockers. Ideal for "retro" style mid-lengths and hulls.

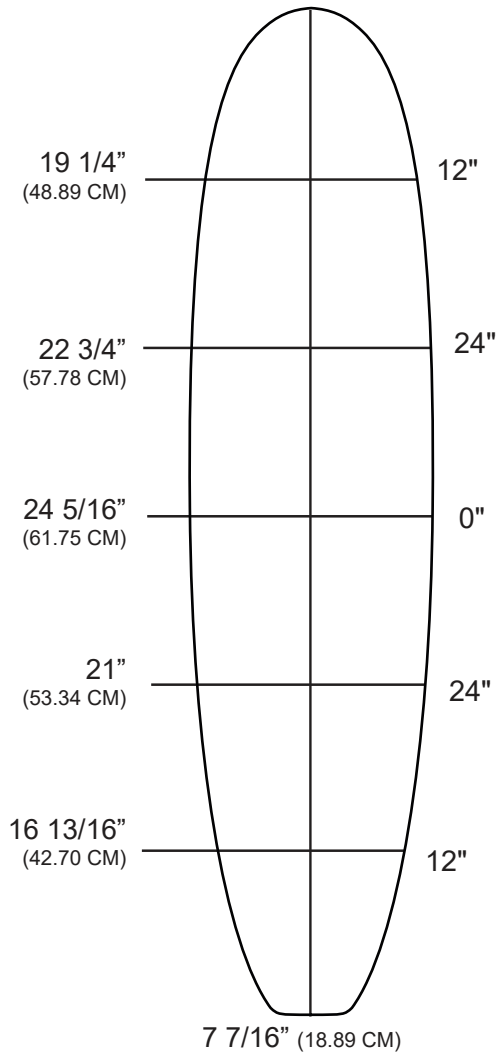
Volume: 75.90 L

Cross Reference:
Directly comparable to the US Blanks 83H. Based on shaper feedback, our 83 blank has improved volume in the nose and tail area. Eliminating the need to "cross-cut" the center portion from the deck to even out the blank before shaping.

Recommended Densities:



8'4"P



Bottom Length: 8' 5 1/8"
(256.86 CM)

Tip To Tip Length: 8' 4 9/16"
(255.43 CM)

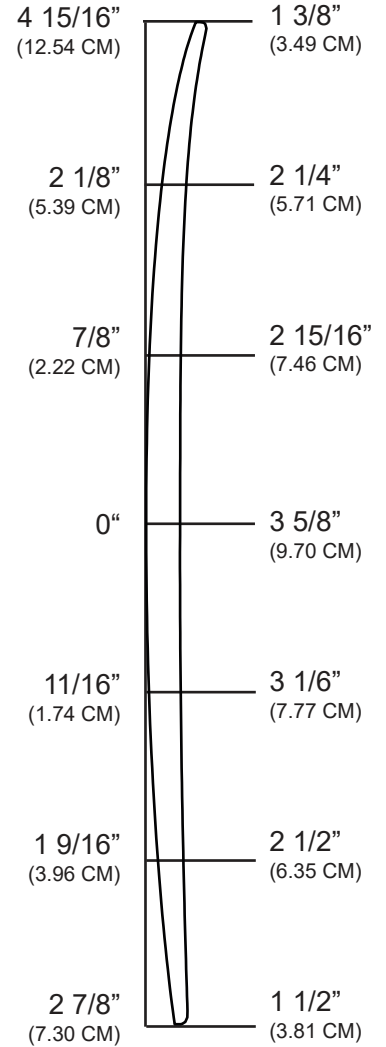
Max Width: 24 5/16" (61.75 CM)

The 84P has been developed as a all-round mini longboard and funshape blank. The rocker is progressive in the nose and can accommodate more hybrid type rocker curves. For a thicker more machine friendly blank, see the 84PT.

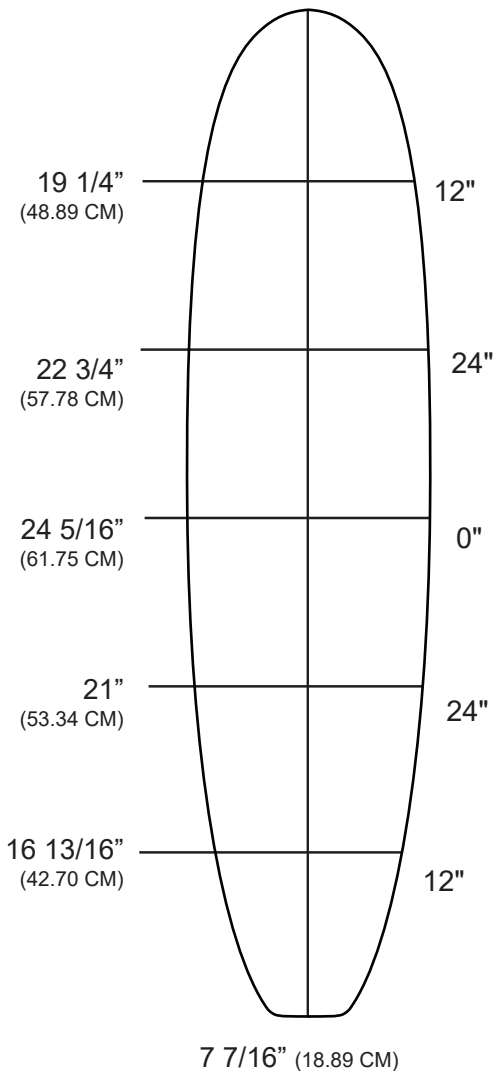
Volume: 85 L

Cross Reference:
Directly comparable to the USB 84SP. All important reference points will be similar.

Recommended Densities:



8'4"PT



Bottom Length: 8' 5 1/8"
(256.86 CM)

Tip To Tip Length: 8' 4 9/16"
(255.43 CM)

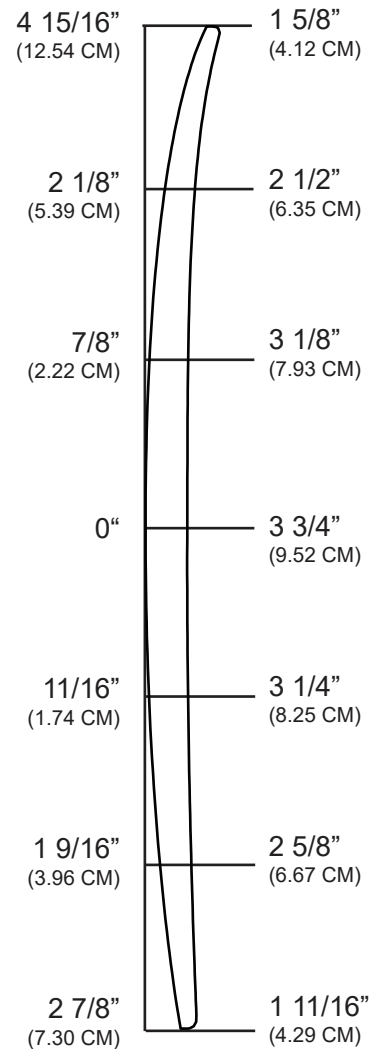
Max Width: 24 5/16" (61.75 CM)

The 84PT this the 84P with 1/4" added thickness. It carries the same profile as the 84P, but provides more versatility due to its increased thickness. The center profile carries the thickness well out to the rails.

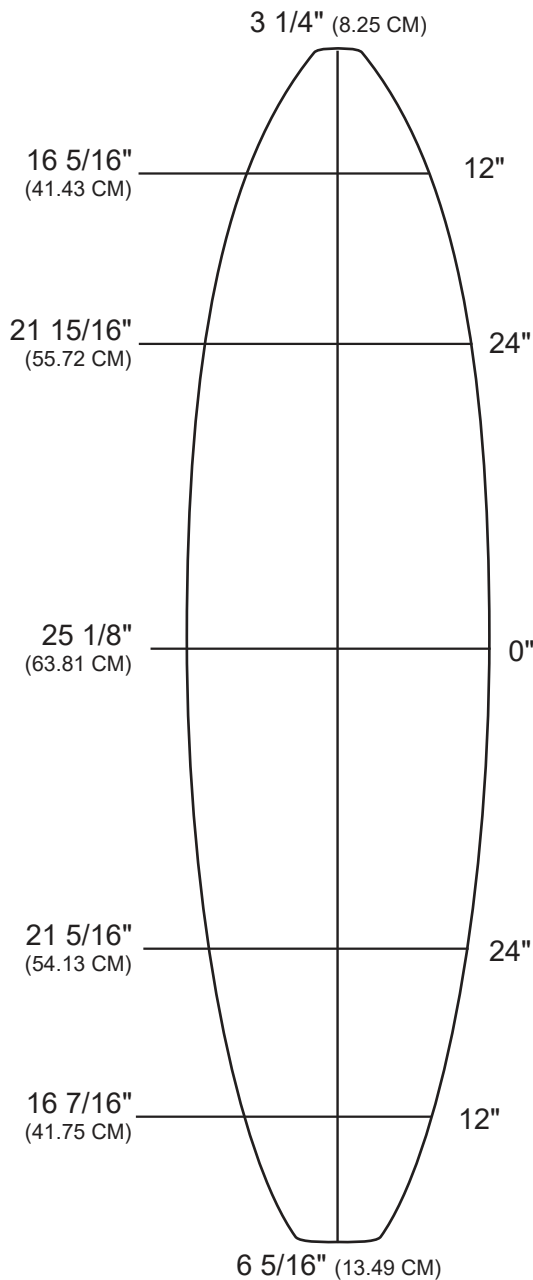
Volume: 96 L

Cross Reference:
Directly comparable to the USB 84SPX. All important reference points will be similar.

Recommended Densities:



8'4"CB



Bottom Length: 8' 4 1/2"
(255.27 CM)

Tip To Tip Deck: 8' 4" (254.0 CM)

Max Width: 25 1/8" (63.81 CM)

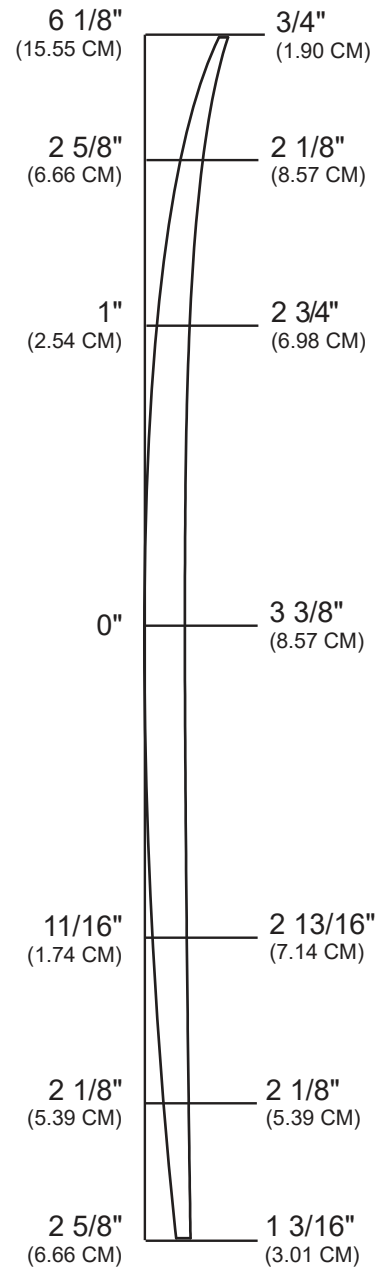
Max Thickness: 3 5/16"
(8.41 CM)

Shaped By: Chris Borst
March 2006

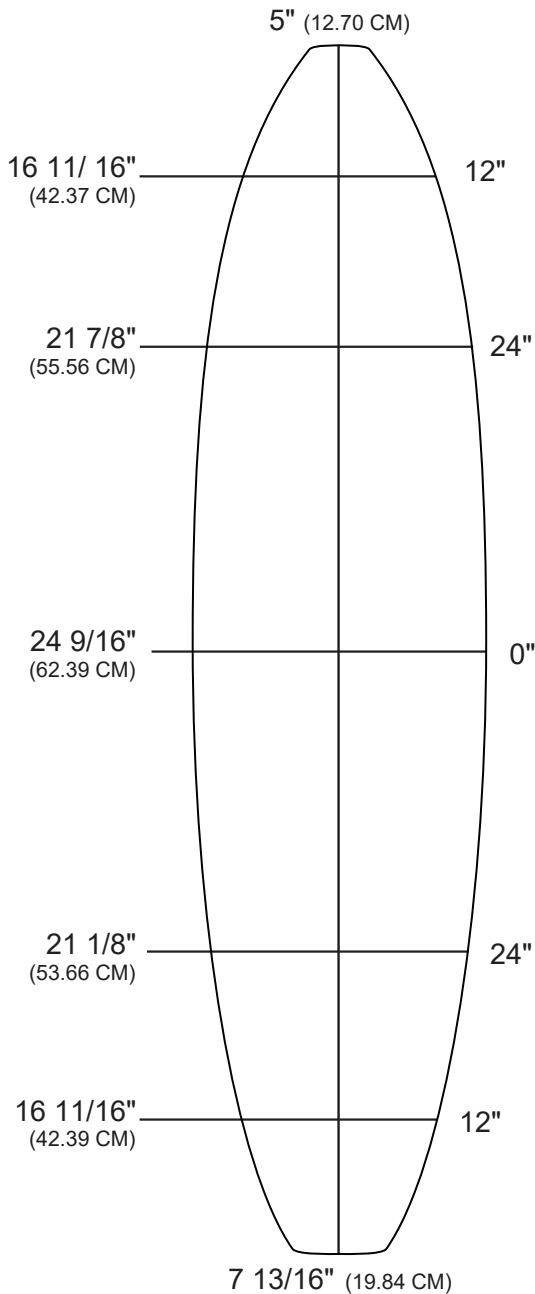
The original inspiration for this blank was the Clark Foam 84R. The profile is modern along with the rocker. Reasonable crown in the deck is ideal for hand shapes. Nose is thinned out for easy rocker adjustments.

Volume: 80.4 L

Recommended Densities:



8'5"B



Bottom Length: 8' 6"
(259.08 CM)

Tip To Tip Deck: 8' 5 3/16"
(257.02 CM)

Max Width: 24 9/16" (62.39 CM)

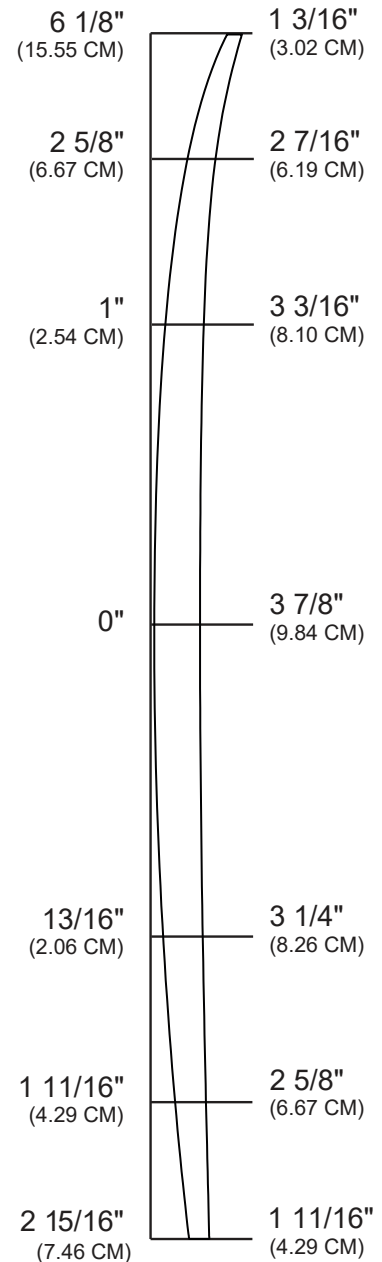
Max Thickness: 3 7/8"
(9.84 CM)

Previously we manufactured the 85HT. That blank was one of the first we ever introduced. After many years, due to mold issues and a need to update the design, we needed to rebuild.

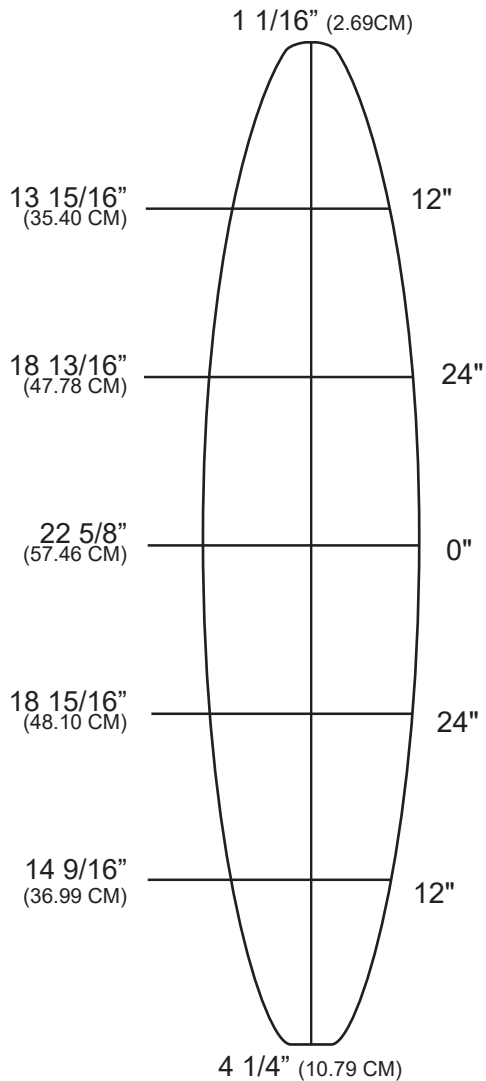
This 85B is a improved version of the now eliminated 85HT. We updated the rail profile for added versatility and increased the overall bottom length to 8'6" This blank will provide a far better solution for shapes in this size range and style.

Volume: 97.53 L

Recommended Densities:



8'8"DG



Bottom Length: 8' 10" (269.72 CM)

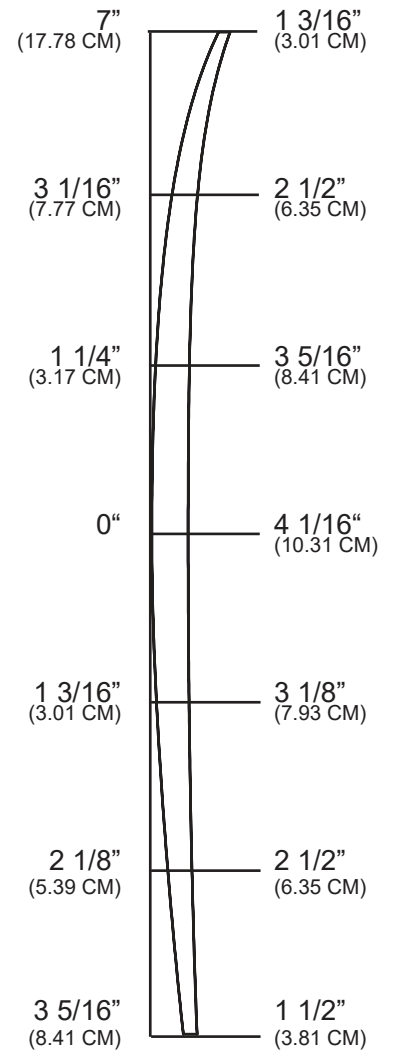
Tip To Tip Length: 8' 9" (266.70 CM)

Max Width: 22 5/8" (57.46 CM)

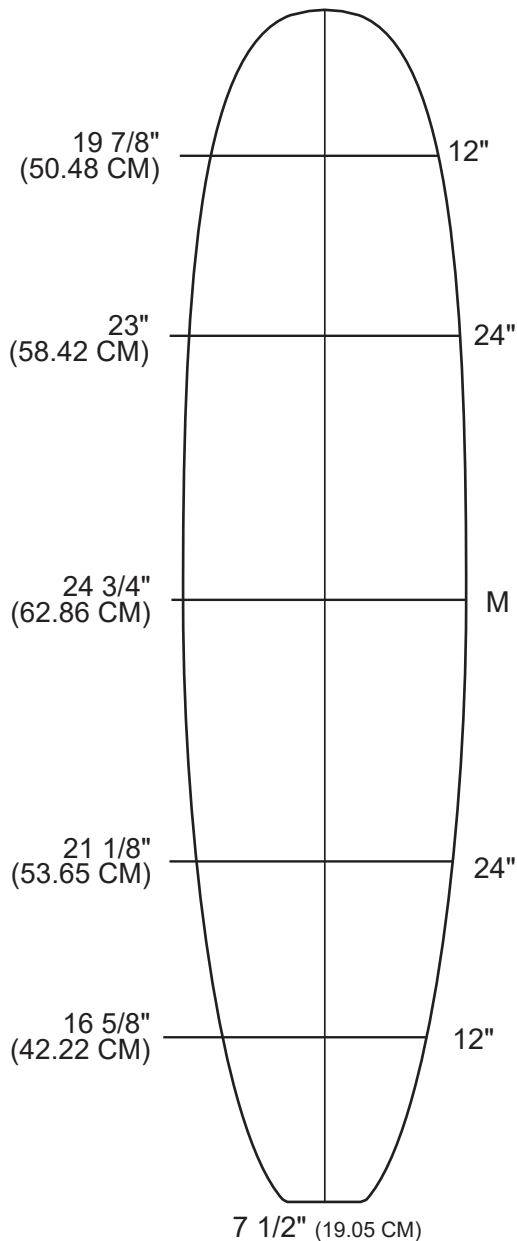
The 88DG is the natural continuation of our popular "DG" model of blank. Like all the "DG" blanks, the 88DG carries good center thickness and rail volume. The natural rocker has been designed to be able to net the most possible with out major adjustments.

Volume: 74.9 L

Recommended Densities:



8'10"M



Bottom Length: 8' 11"
(271.78 CM)

Tip To Tip Deck: 8' 10"
(269.39 CM)

Max Width: 24 3/4" (62.86 CM)

Max Thickness: 3 1/2"
(8.89 CM)

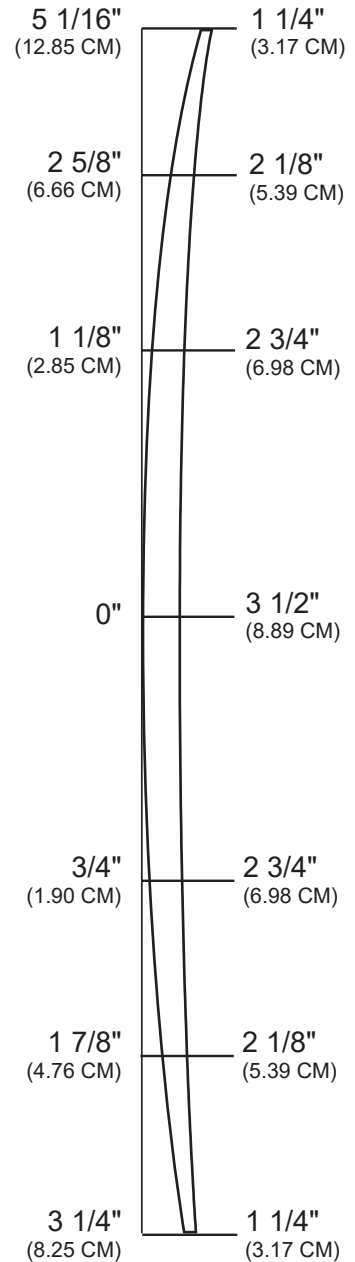
Shaped By: Bob Mitsven
September 2006

This blank is the choice for mini-longboards. Volume is carried out to the rail. The thickness is carried to the nose and tail as well. The blank is not excessively pinched at the ends. Thickness flow is consistent.

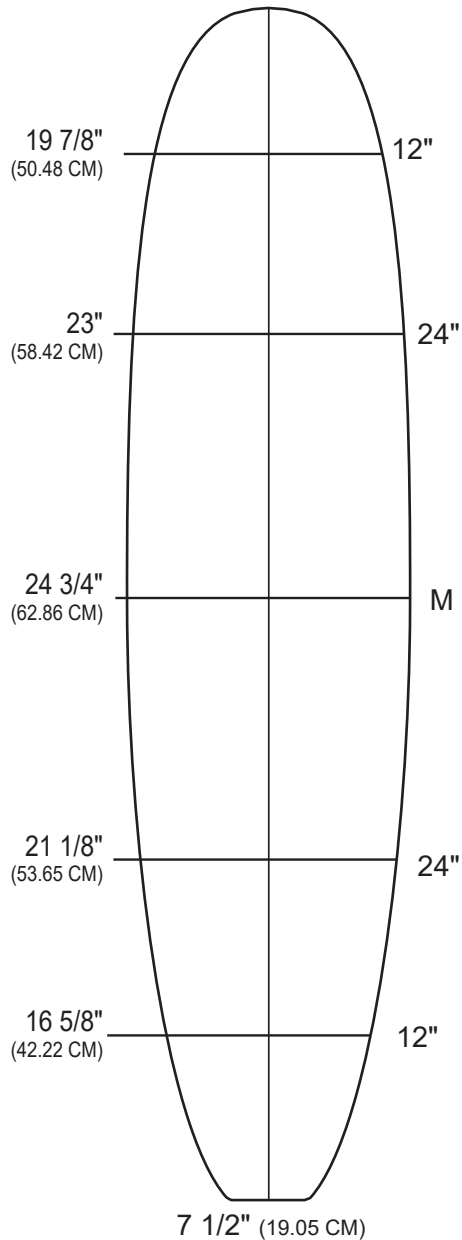
Also available with a "Classic" rocker profile

Volume: 92.9 L

Recommended Densities:



8'10"MT



Bottom Length: 8' 11"
(271.78 CM)

Tip To Tip Deck: 8' 10"
(269.39 CM)

Max Width: 24 3/4" (62.86 CM)

Max Thickness: 3 3/4"
(9.52 CM)

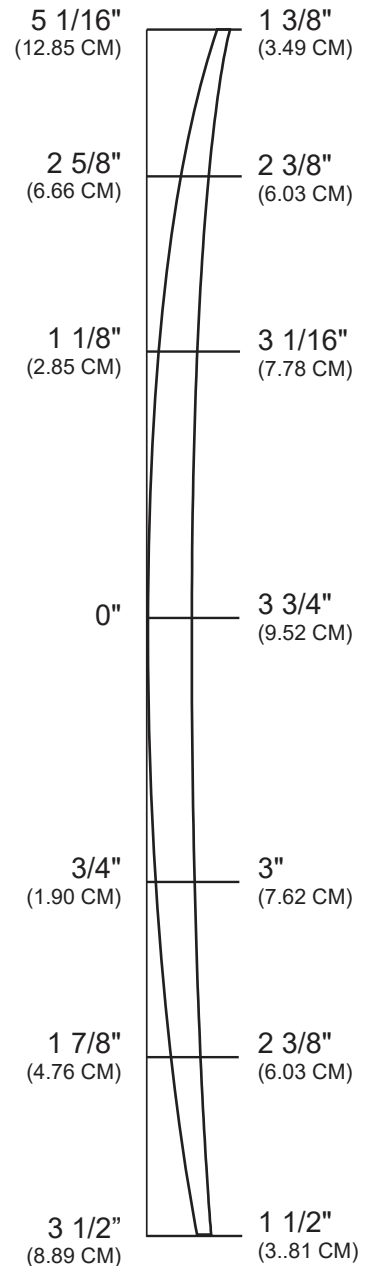
Thicker version of the 8'10"M.

This blank is the choice for mini-longboards. Volume is carried out to the rail. The thickness is carried to the nose and tail as well. The blank is not excessively pinched at the ends. Thickness flow is consistent.

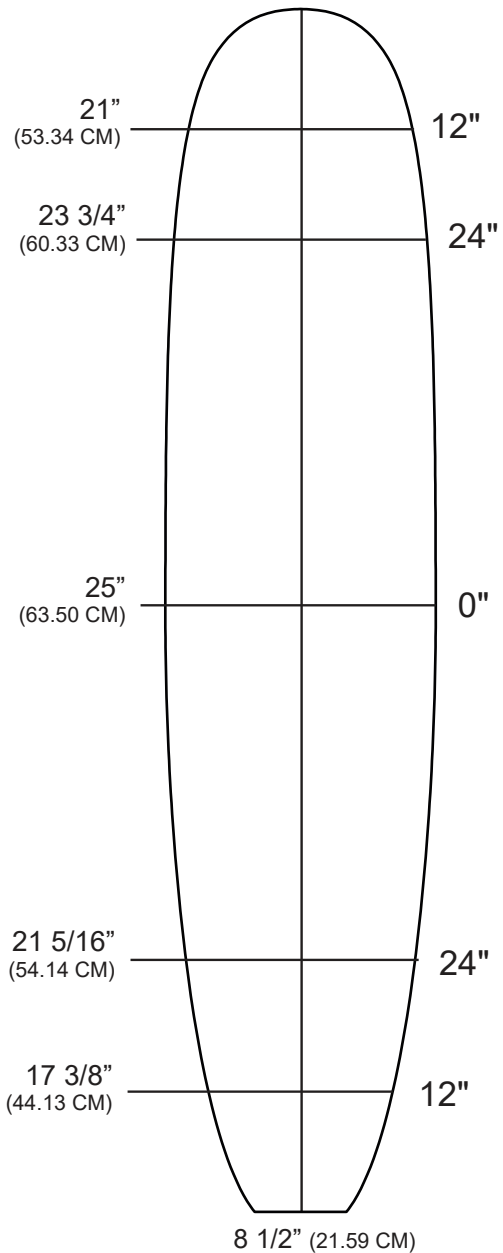
Also available with a 'Classic' rocker profile

Volume: 106.4 L

Recommended Densities:



9'3"P



Bottom Length: 9' 3 3/4"
(276.22 CM)

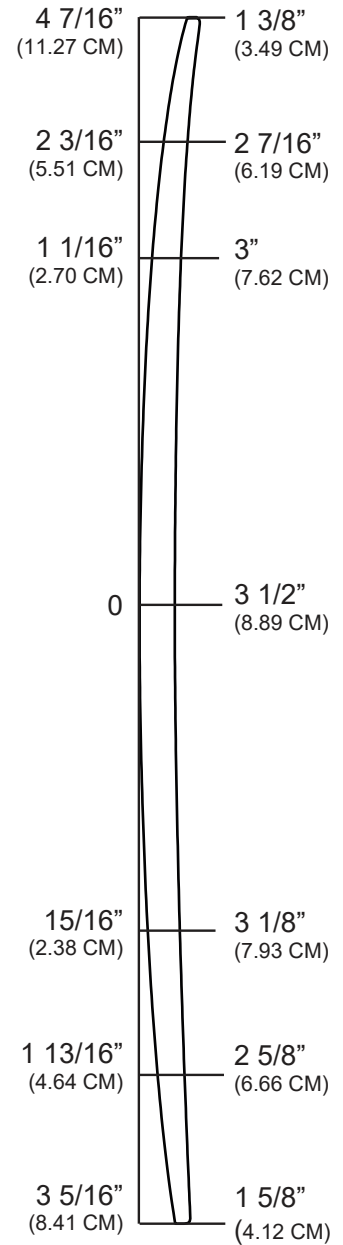
Tip To Tip Length: 9' 3 5/16"
(272.57 CM)

Max Width: 25" (63.50 CM)

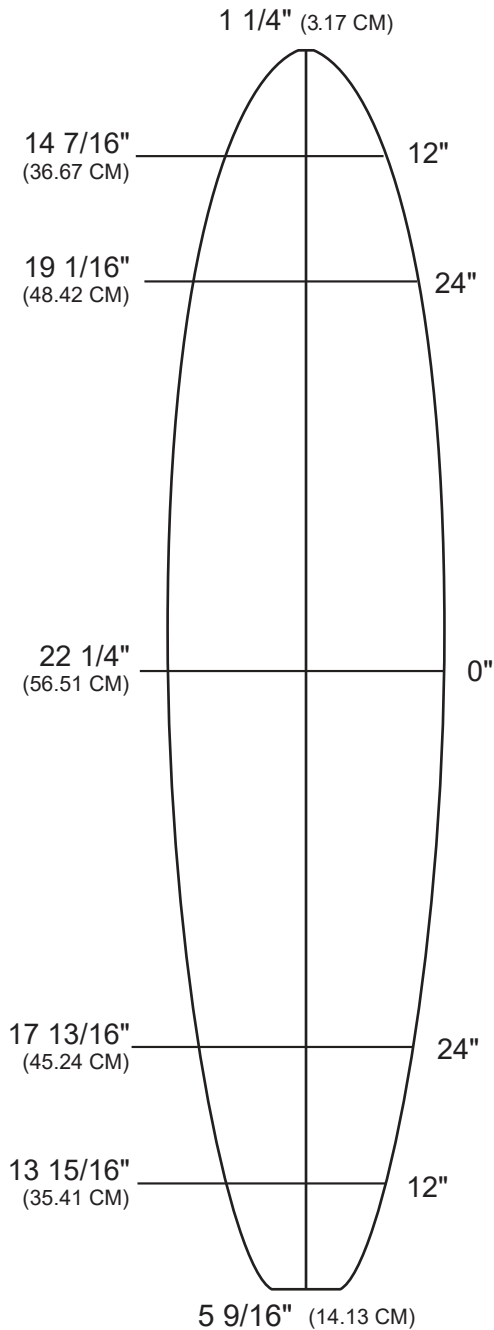
The 93P is a workhorse longboard blank. Following in the tradition of the Clark 93Y, the millennium 93P is a easy hand shaping blank that has balanced foil. Ideal for netting 9'0 classic longboard. Natural rocker is balanced and can be adjusted without deck deformation

Volume: 100 L

Recommended Densities:



9'3"G



Bottom Length: 9' 4 3/4"
(316.23 CM)

Tip To Tip Deck: 9' 3 13/16"
(314.96 CM)

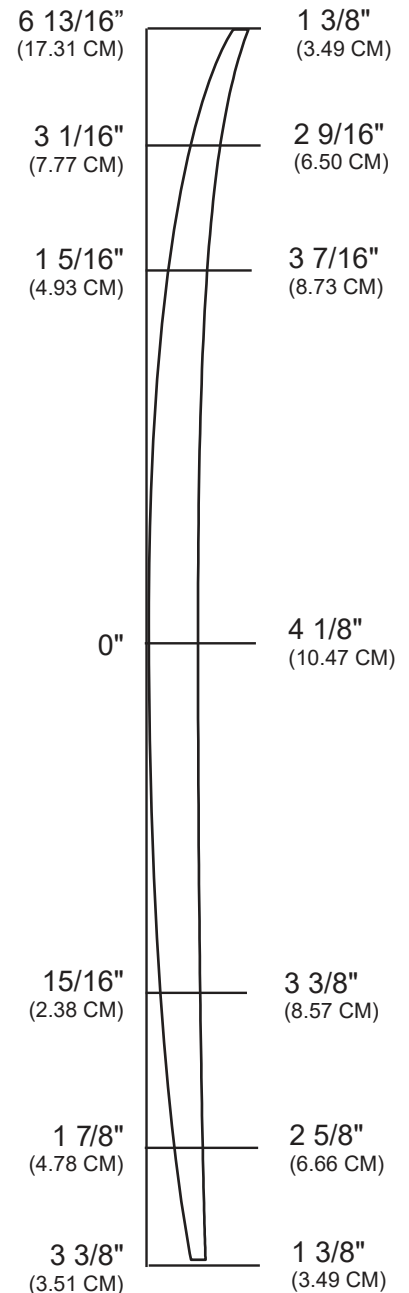
Max Width: 22 5/16" (61.43 CM)

Max Thickness: 4 1/8"
(10.47 CM)

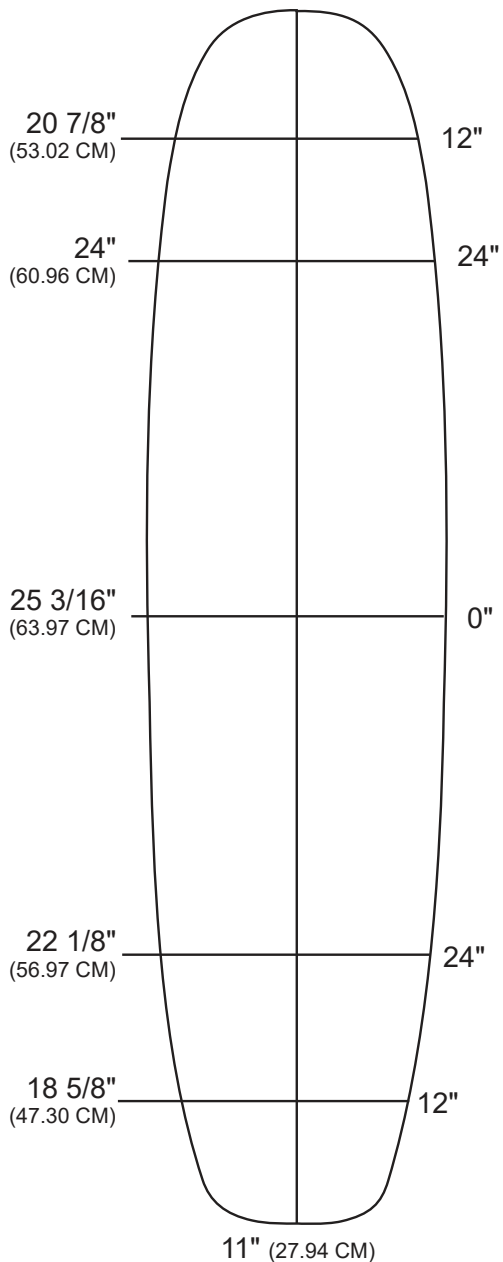
This represents the first big gun in our "G" series. Designed with the current trend in gun design, the thickness and width are both carried beyond the mid point towards the nose. This makes these blanks ideally suited for extra thickness and width under the chest for paddling. The "G" series has been designed with both hand shaping and machine cutting in mind. This blank carries 3 1/8" of thickness to the rail crown at the center of the blank.

Volume: 95.7 L

Recommended Densities:



9'4"M



Bottom Length: 9' 4 1/2" (285.11 CM)

Tip To Tip Deck: 9' 3" (281.94 CM)

Max Width: 25 3/16" (63.97 CM)

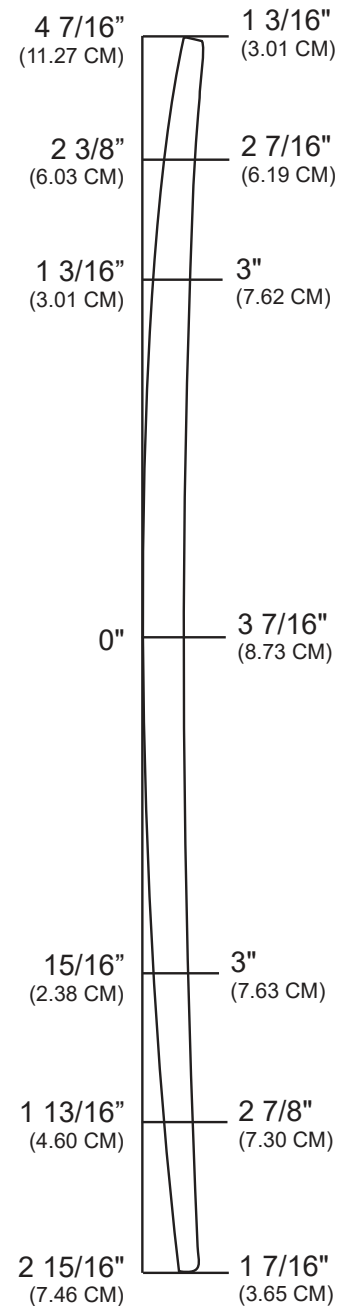
Max Thickness: 3 7/16" (8.73 CM)

Shaped By:
Bob Mitsven, November
2008

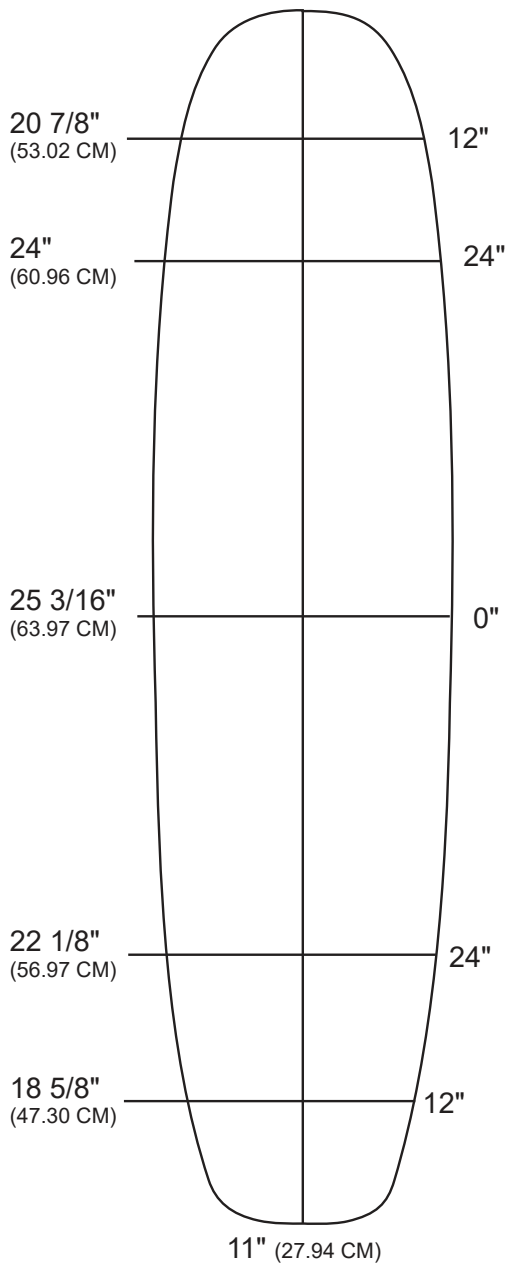
Closer tolerance longboard blank.
Good foil. Designed to net 9'0 to
9'3 with ease. Tail block at 11"
offers the most options for wider
tailed longboards.

Volume: 102.2 L

Recommended Densities:



9'4"MT



Bottom Length: 9' 4 1/2"
(285.11 CM)

Tip To Tip Deck: 9' 3" (281.94 CM)

Max Width: 25 3/16" (63.97 CM)

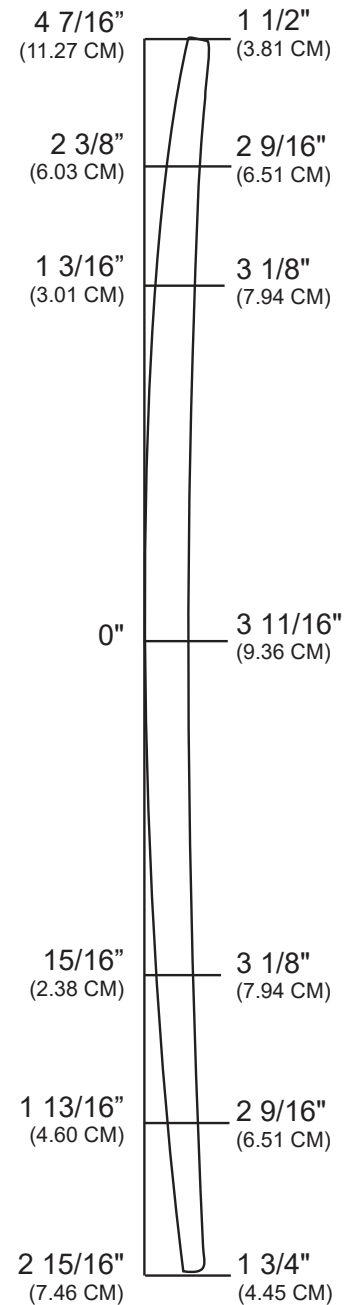
Max Thickness: 3 11/16"
(9.36 CM)

Shaped By:
Bob Mitsven, November
2008

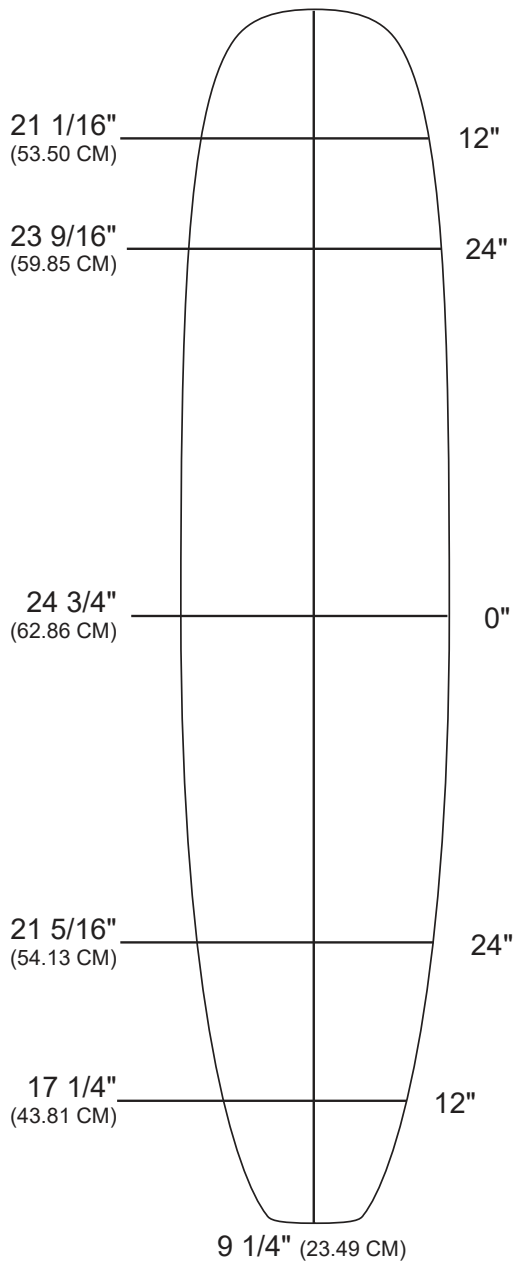
Thicker version of 94M. Foil is
designed for a focus on hand
shaping. 11" Tail block width
provides maximum versatility for
current wider tailed longboards.

Volume: 111.9 L

Recommended Densities:



9'5"



Bottom Length: 9' 4 5/16"
(285.27 CM)

Tip To Tip Deck: 9' 3 3/4"
(283.84 CM)

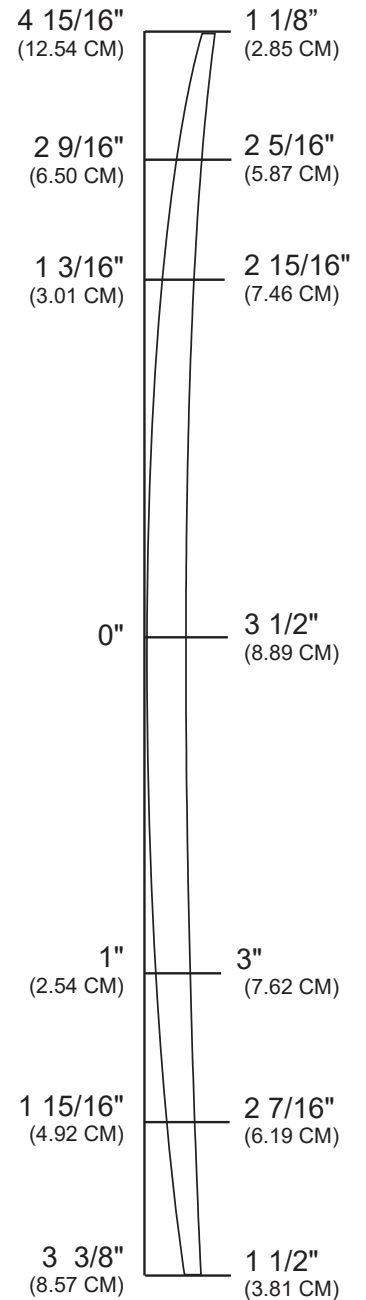
Max Width: 24 3/4" (62.86 CM)

Max Thickness: 3 1/2" (8.89 CM)

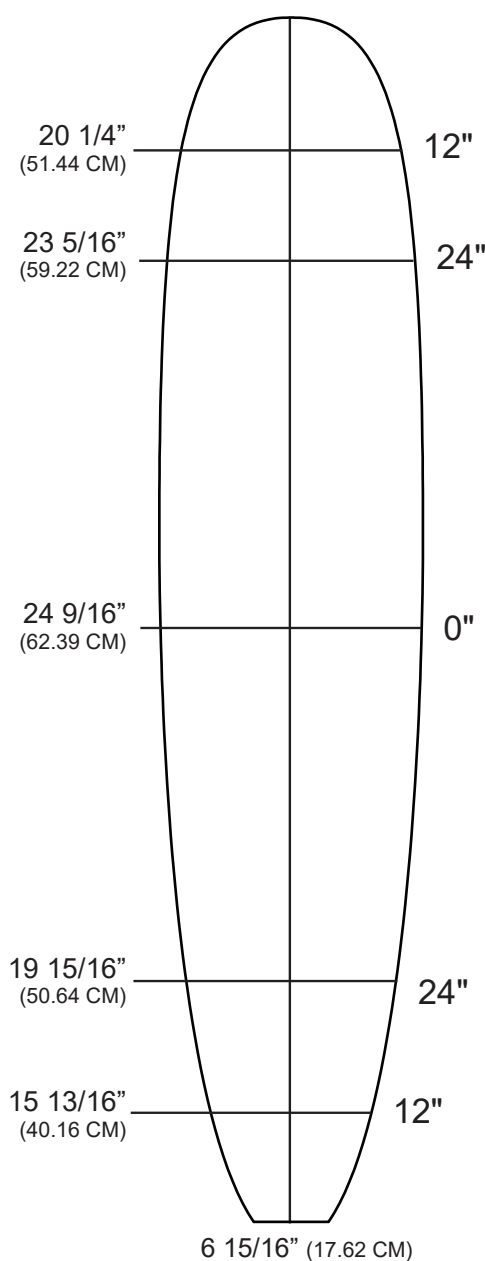
Basic longboard blank. Generous volume makes this blank easy to net standard longboards.

Volume: 105.6 L

Recommended Densities:



9'5"P



Bottom Length: 9' 5 1/16"
(287.05 CM)

Tip To Tip Length: 9' 4 7/16"
(285.60 CM)

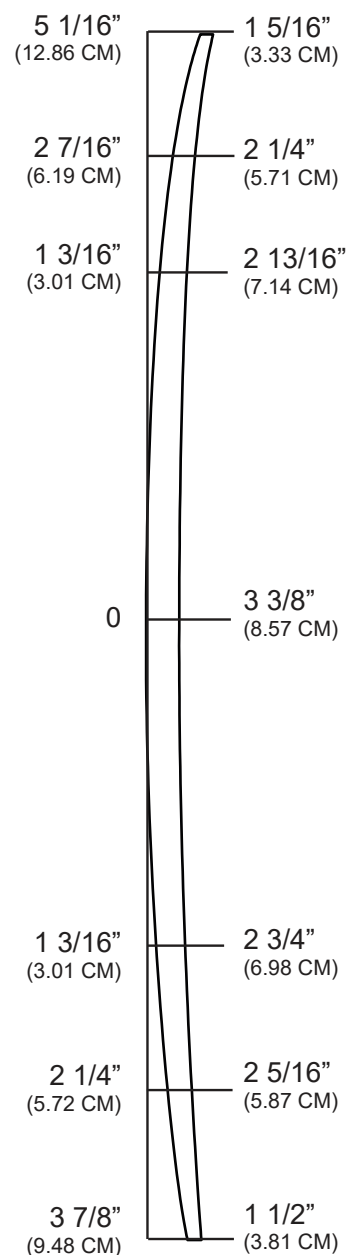
Max Width: 24 9/16" (62.39 CM)

The 95P is a close tolerance performance longboard blank. The foil and natural rocker accept rocker adjustments well. A shaper can easily net a progressive shape with little manual rocker adjustment if desired

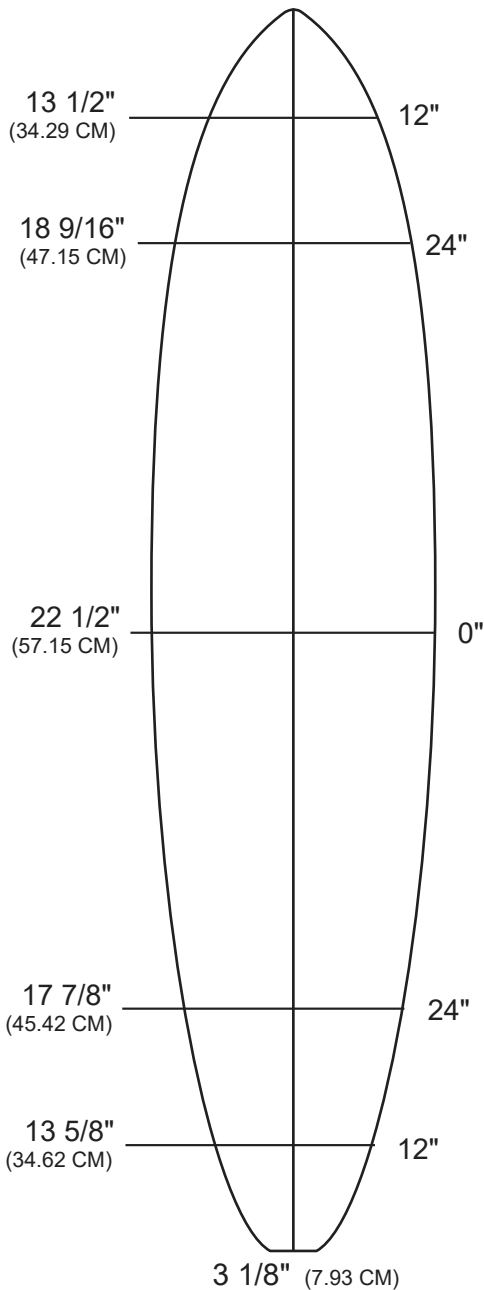
Volume: 92.6 L

Cross Reference:
Can be compared to the US Blanks 95M. Deck line is more consistent with improved profile in both the nose and the tail. The exact improvements include limiting the tail deck line tail flip that limits thickness yield and causes extra shaper work. The 95M provides a improved deck flow to the tail to easily run the deck nose to tail.

Recommended Densities:



9'7"G



Bottom length: 9' 7 1/8"
(292.43 CM)

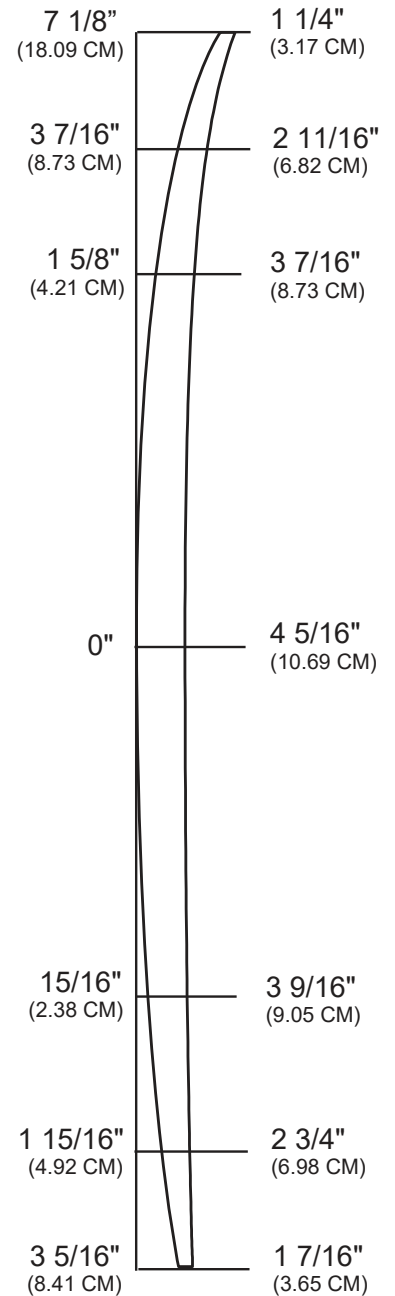
Tip to tip deck: 9' 6 3/16"
(290.04 CM)

Max width: 22 1/2" (57.15 CM)

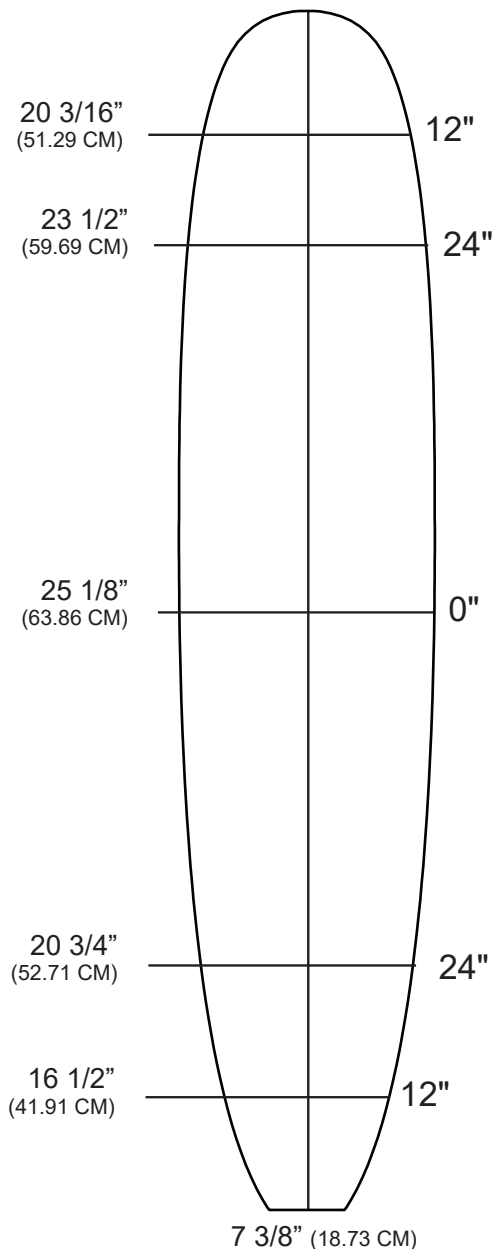
Max thickness: 4 5/16"
(10.69 CM)

This is the second big gun in our "G" series. Designed with the current trend in gun design, the thickness and width are both carried beyond the mid-point towards the nose. This makes these blanks ideally suited for extra thickness and width under the chest for paddling. This blank carries 3 7/16" of thickness to the rail crown at the center of the blank.

Volume: 106.6 L



9'9"P



Bottom Length: 9' 10 3/16"
(300.20 CM)

Tip To Tip Length: 9' 9 5/8"
(298.78 CM)

Max Width: 25 1/8" (63.88 CM)

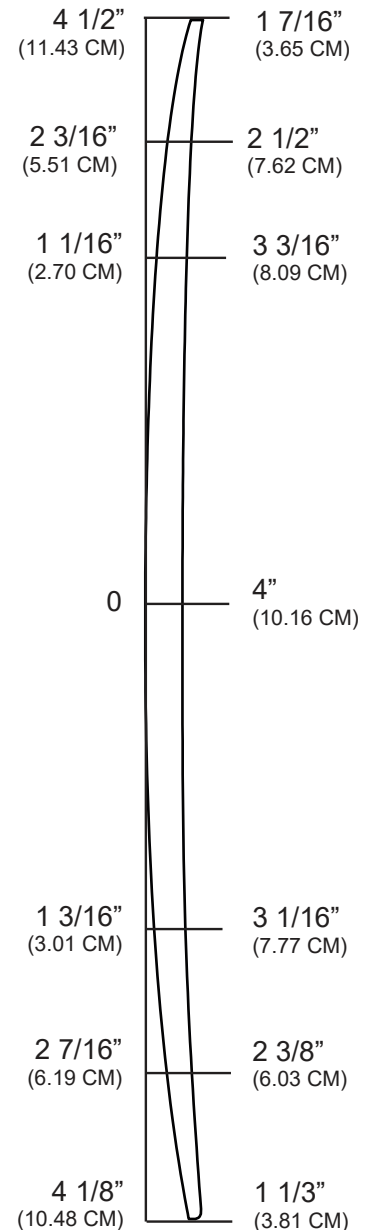
The 99P is designed as a closer tolerance longboard blank. The 99P is suited well for a standard high performance longboard in the 9'6" range.

Volume: 115 L

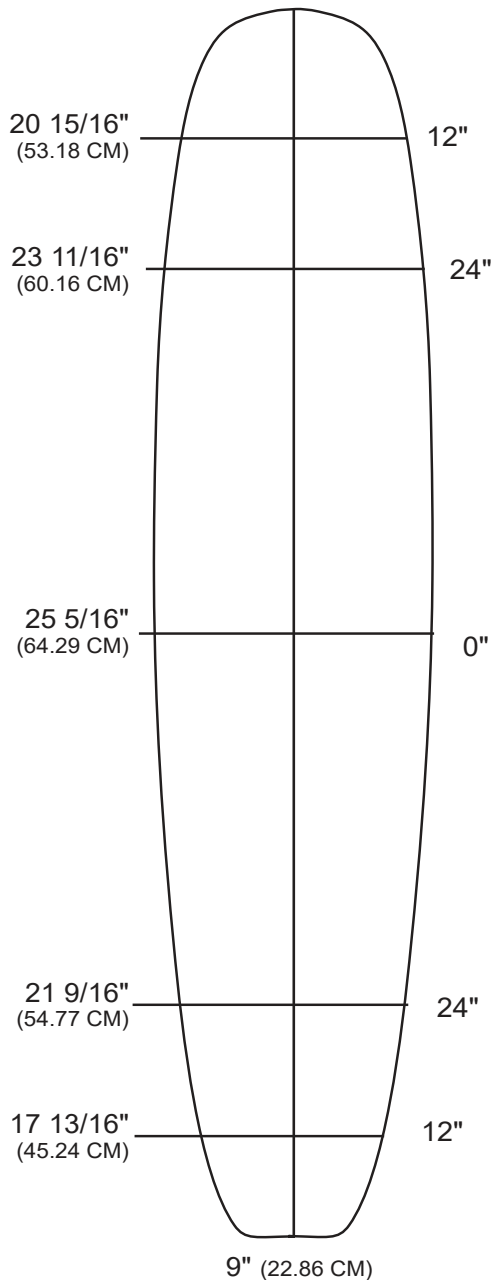
Cross Reference:

The 99P can be equated most to the US Blanks 99M. Similar to the 95M, the deck line has been improved to offer a better balance. The overall thickness has been increased and the tail rocker relaxed. Similar thickness to the Arctic 99LB. The 99P is one inch longer and has slightly more accelerated rocker at the tips

Recommended Densities:



9'9"Y



Bottom Length: 9' 9 1/4"

(297.81 CM)

Tip To Tip Deck: 9' 8 3/4"

(294.64 CM)

Max Width: 25 5/16"

(64.79 CM)

Max Thickness: 3 1/2"

(8.89 CM)

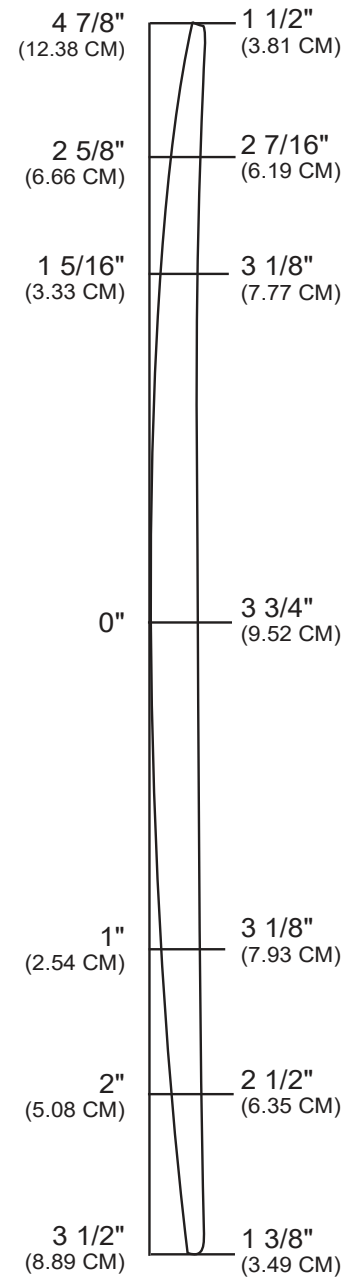
Shaped By: Renny Yater

September 2006

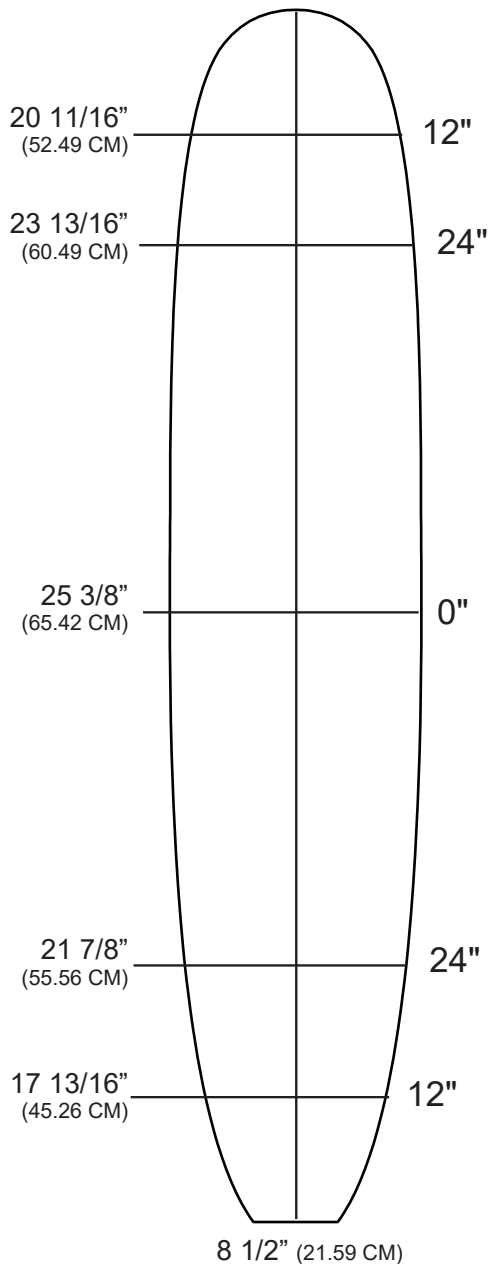
Newer, updated version of the Clark Foam 99Y. Plenty of width front and back. Built with the 9'6" longboard in mind.

Volume: 114.0 L

Recommended Densities:



10'2"P



Bottom Length: 10' 2 3/4"
(311.78 CM)

Tip To Tip Length: 10' 2 1/4"
(310.51 CM)

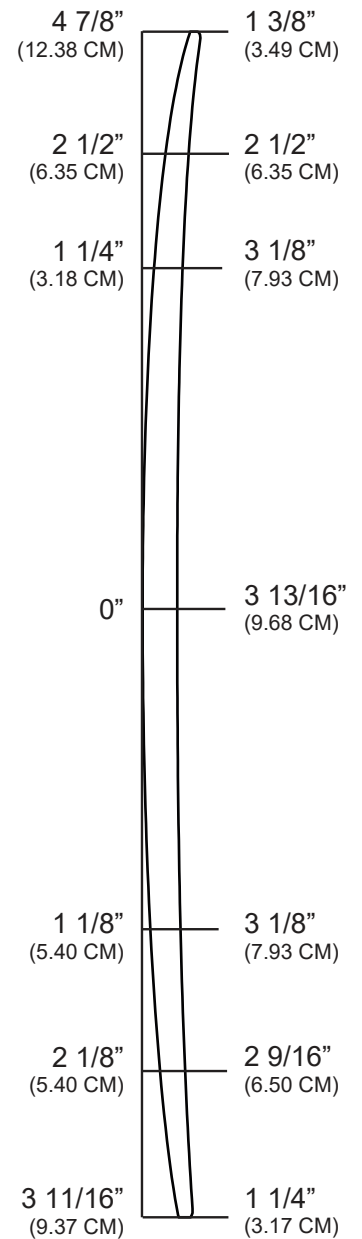
Max Width: 25 3/8" (64.42 CM)

The 102P has been designed for versatility in mind. The rail band foil suits maintaining thickness flow further out to the rails of the finished shape.

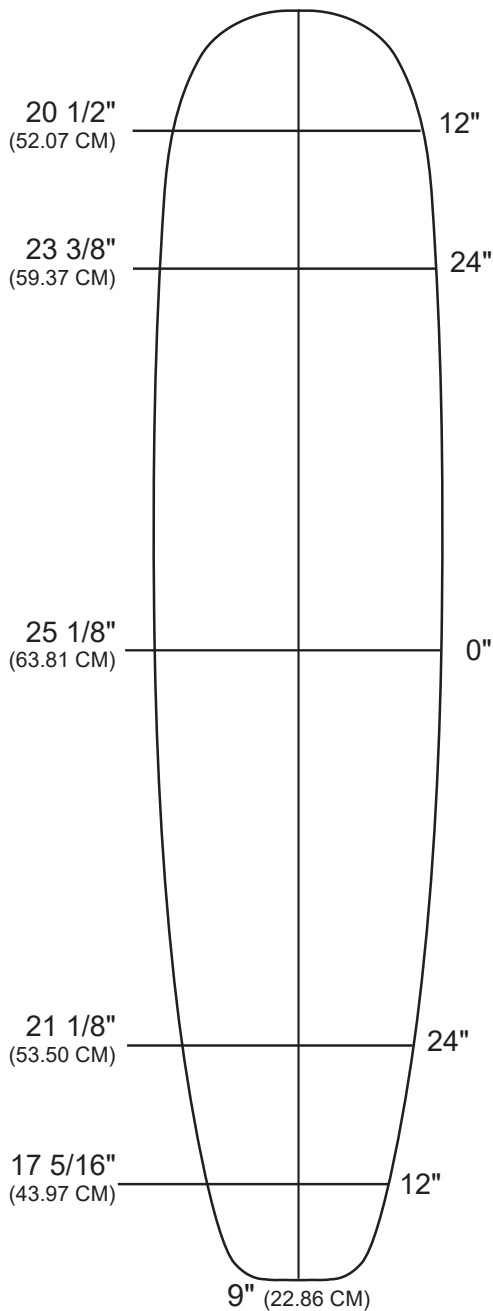
Volume: 123.9 L

Cross Reference:
Comparable in proportion to the US Blanks 102B, while the thickness is similar to the 102BX. Offers a one blank solution for blanks in the ten foot range.

Recommended Densities:



10'3"CT



Bottom Length: 10' 2 1/2"
(311.55 CM)

Tip To Tip Deck: 10' 2"
(309.88 CM)

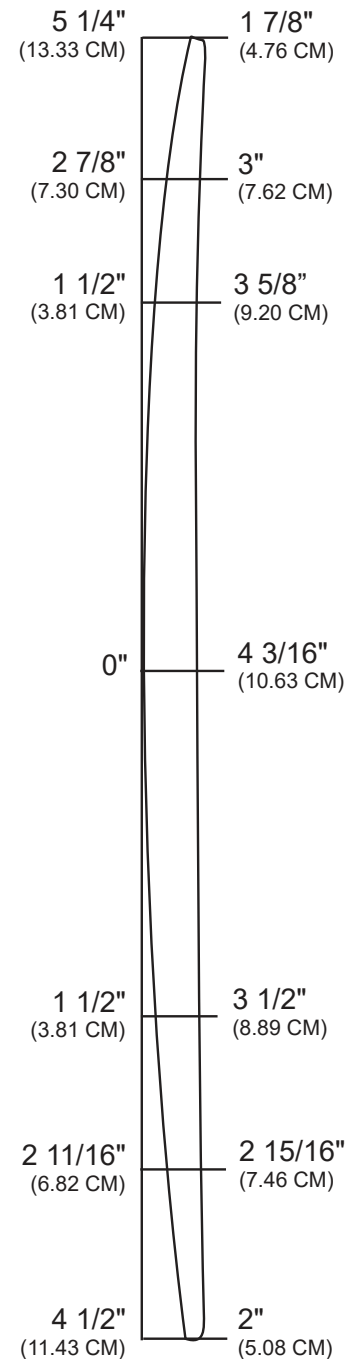
Max Width: 25 1/8" (63.85 CM)

Max Thickness: 4 3/16" (10.63 CM)

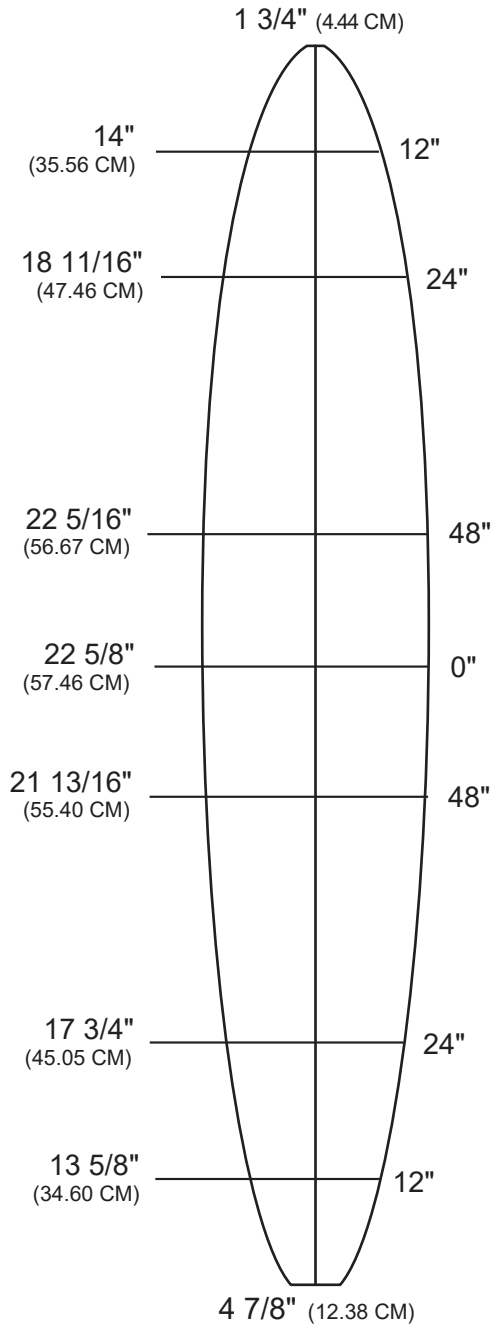
This is a +1/4" thickness version of the popular machine blank, the 103CB. Based on blank proportion, this blank is very well suited for machine cutting.

Volume: 144.4 L

Recommended Densities:



10'3"G



Bottom Length: 10' 4 5/8"
(316.56 CM)

Tip To Tip Deck: 10' 3 5/8"
(314.02 CM)

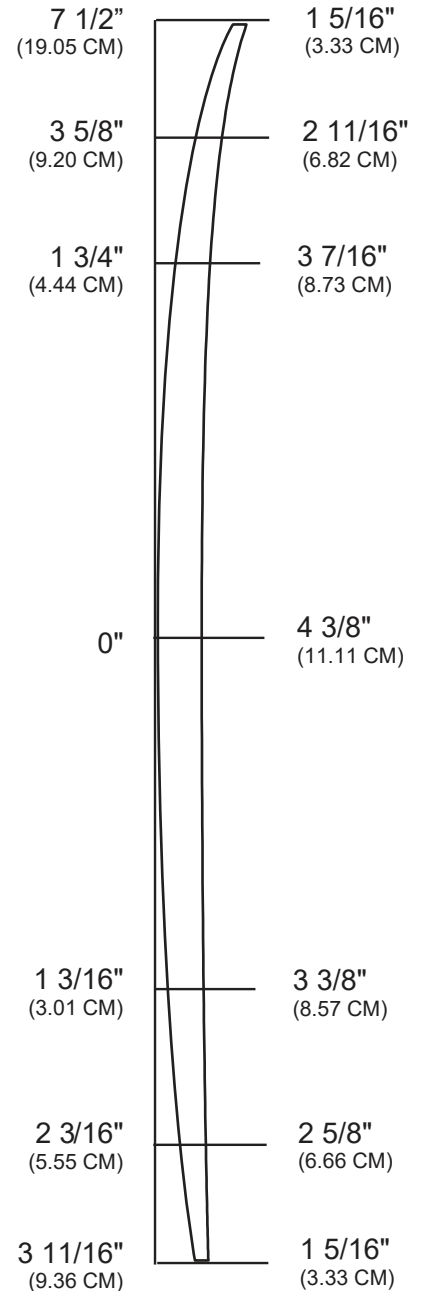
Max Width: 22 5/8" (57.46 CM)

Max Thickness: 4 3/8"
(11.11 CM)

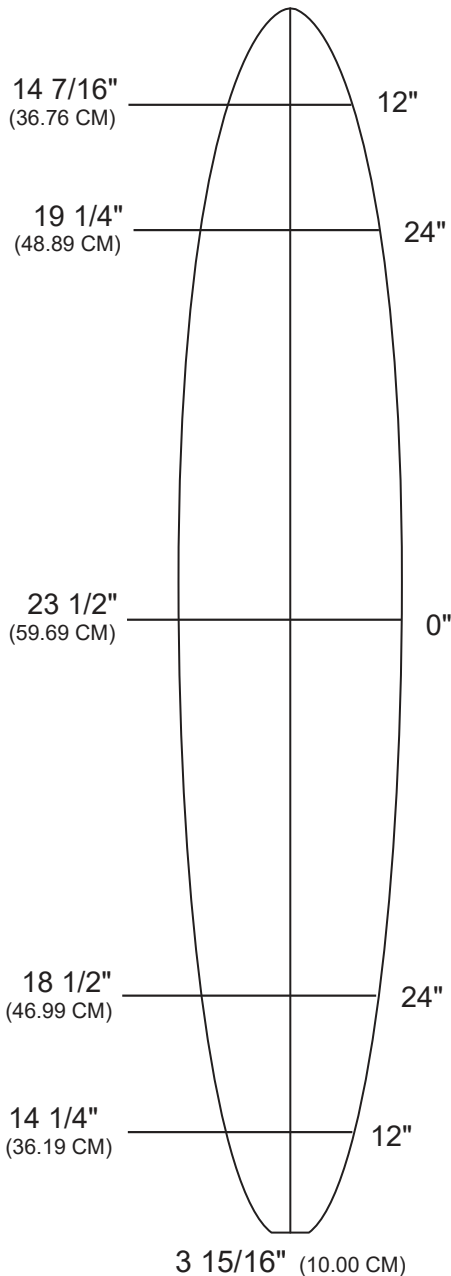
This is the third big gun in our "G" series. Designed with the current trend in gun design in mind, the thickness and width are both carried beyond the mid point towards the nose. This makes these blanks ideally suited for extra thickness and width under the chest for paddling. This blank carries 3 1/2" of thickness to the rail crown at the center of the blank.

Volume: 119.2 L

Recommended Densities:



10'7"G



Bottom Length: 10' 7 3/8"
(323.55 CM)

Tip To Tip Deck: 10' 6 3/8"
(321.01 CM)

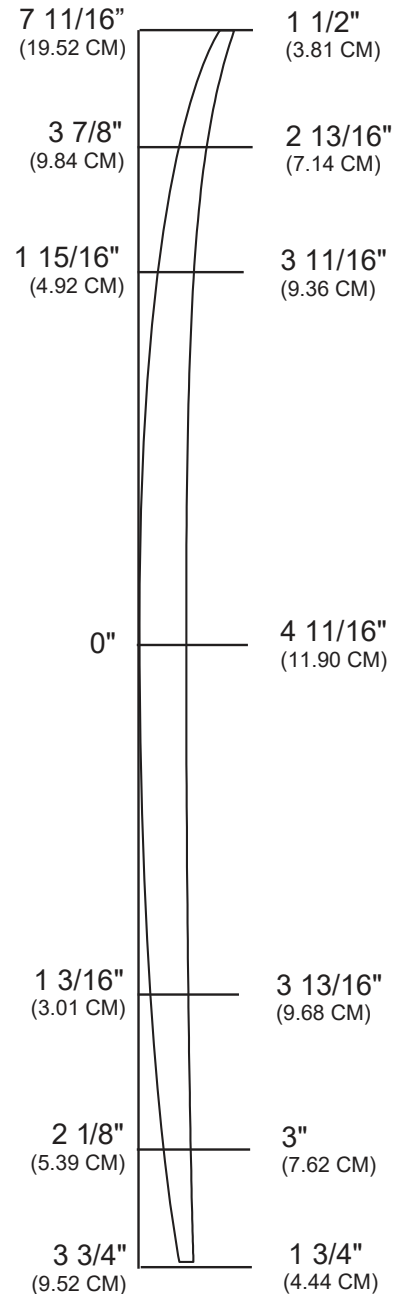
Max Width: 23 1/2" (59.69 CM)

Max Thickness: 4 11/16"
(11.90 CM)

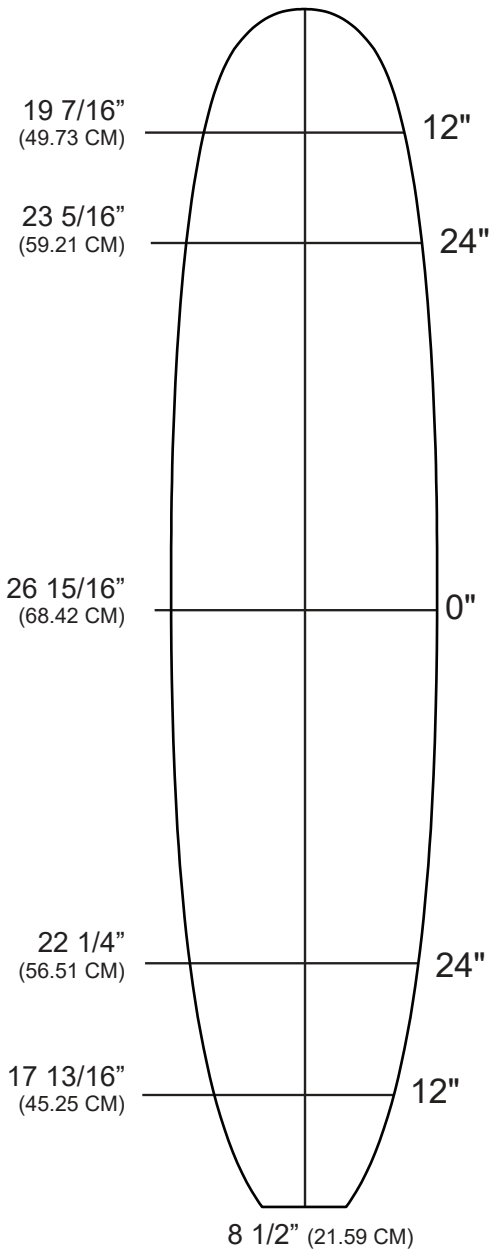
This is the fourth big gun in our "G" series. Designed with the current trend in gun design in mind, the thickness and width are both carried beyond the mid point towards the nose. This makes these blanks ideally suited for extra thickness and width under the chest for paddling. This blank carries 3 13/15" of thickness at the rail crown at the center of the blank. This provides versatile thickness out at the rail

Volume: 134.6 L

Recommended Densities:



11'3"P



Bottom Length: 11' 4 1/2"
(300.20 CM)

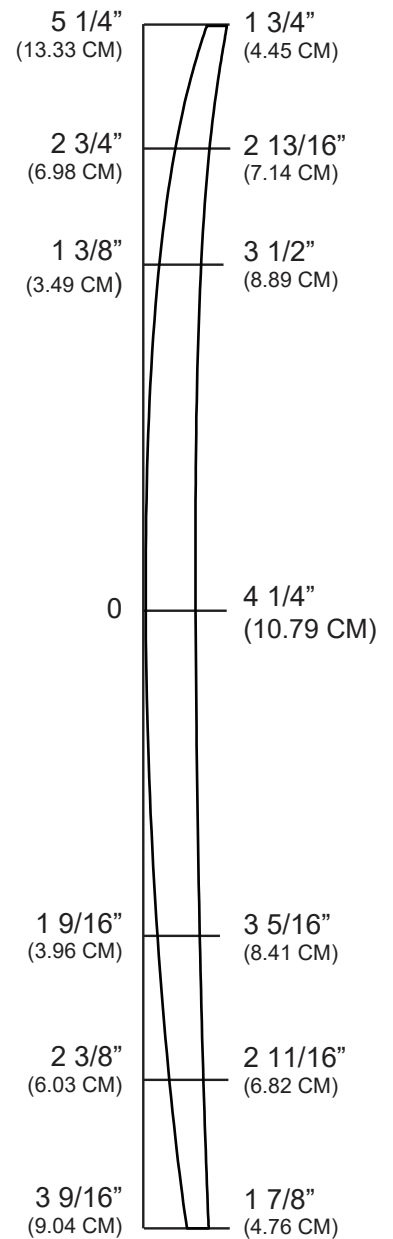
Tip to Tip Deck: 11' 4"
(298.78 CM)

Max Width: 26 15/16" (63.88 CM)

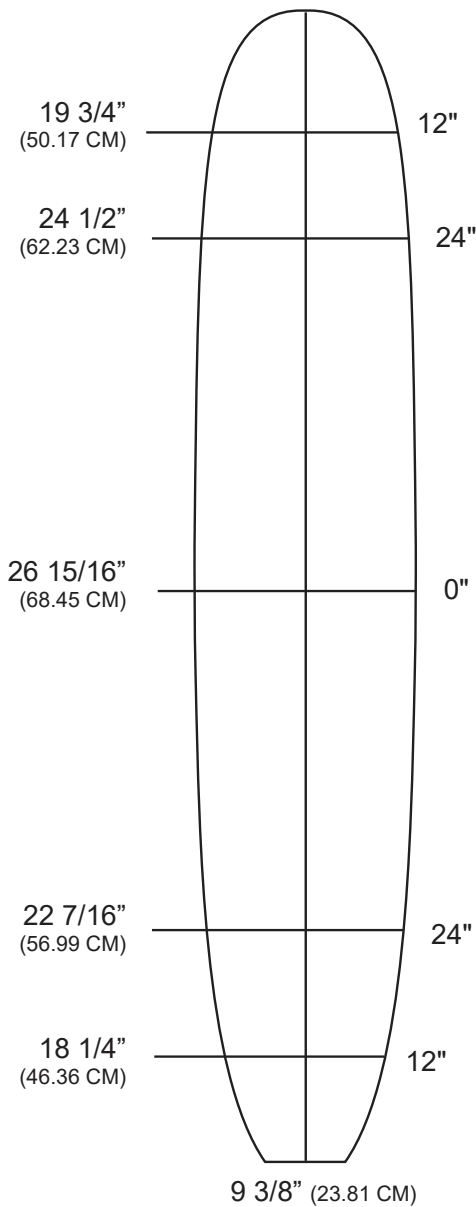
The 113P is ideally proportioned for classic longboards 10'6" to 11'1". Cutting back on the nose and tail will yield a classic rocker profile. Not all rockers will fit on cedar with this blank due to available wood proportions.

Volume: 168.7 L

Recommended Densities:



11'9"P



Bottom Length: 11' 10 1/2"
(361.95 CM)

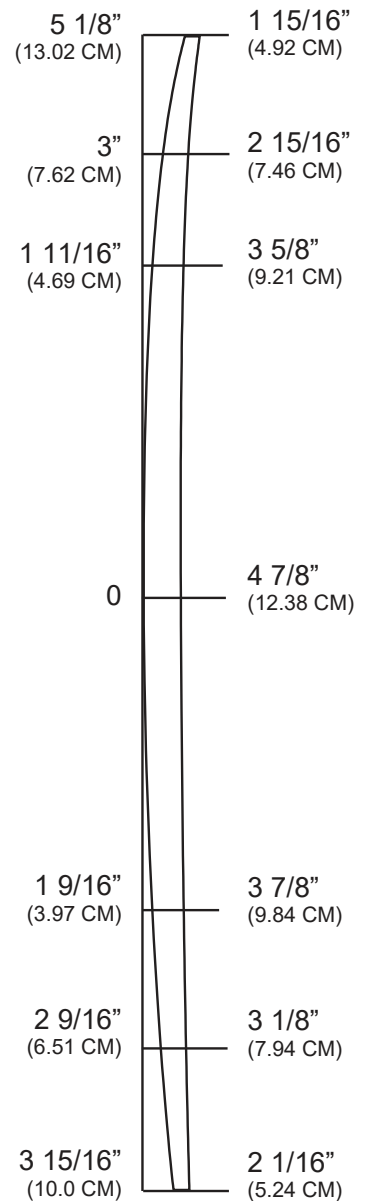
Tip To Tip Length: 11' 10"
(360.68 CM)

Max Width: 26 15/16" (68.45 CM)

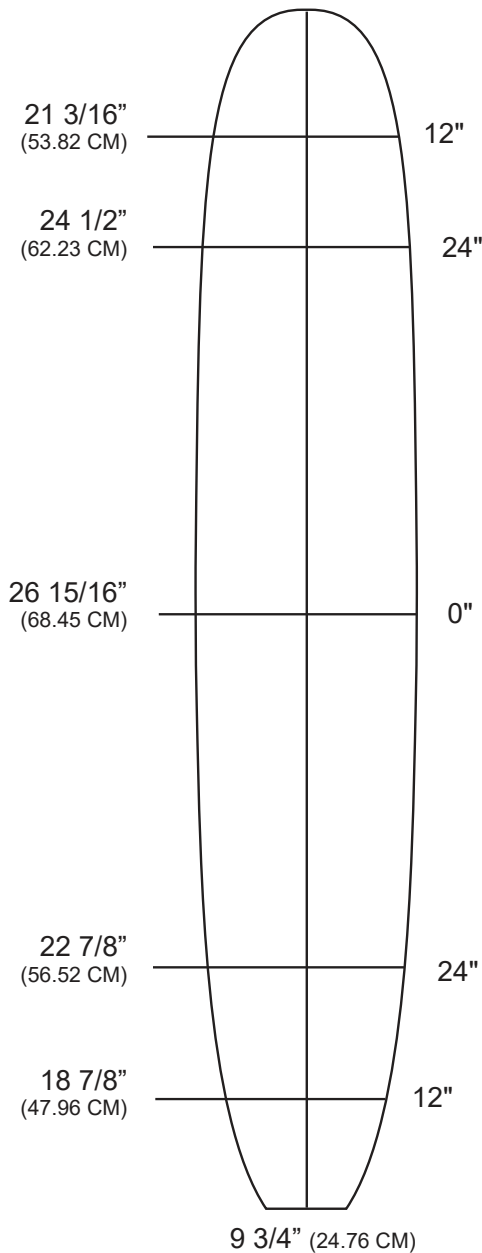
The 11'9"P is the newest of our "P" series of longboard blanks. It has the same popular proportions of our 10'2"P, 11'3"P, and 12'2"P. This fits a gap providing an ideal blank for "glider" style shapes that are sub 12', but longer than 11'2'.

Volume: 202.24 L

Recommended Densities:



12'2"P



Bottom Length: 12' 2 1/2"
(372.11 CM)

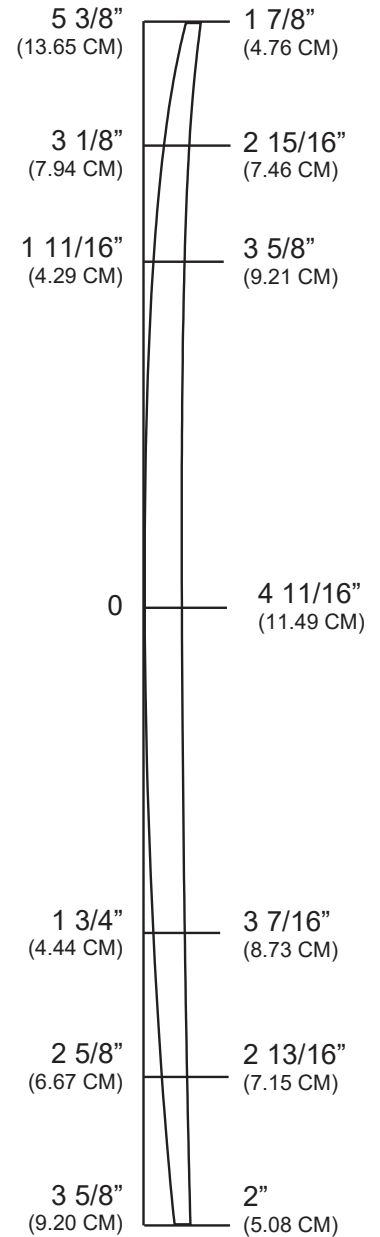
Tip To Tip Length: 12' 2"
(370.84 CM)


Max Width: 26 15/16" (63.81 CM)

The 122P is built around being able to net 11'6" to 12' "gliders" and "Eagles". Gradual and balanced natural rocker can be flattened or increased without issue. Not all rockers can fit on cedar with this blank.

Volume: 202.12 L

Recommended Densities:





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