



GENERAL MEASURING GUIDELINES FOR ALL POOL COVERS

- Measuring a pool will be easier if you have another person helping you.
- Never assume a pool is standard. All pools are different. Most importantly, measure each pool for an exact fit. Actual pool measurements should be made even if original pool plans are available, due to the fact that slight variances may have occurred during construction.
- When measuring pools, do not make allowances for weather conditions or temperature
- Supply all measurements in feet and inches with appropriate marks (‘ and “), rounding up to the nearest quarter-inch on liner-covered features, such as steps, ledges, and benches. Round up to the nearest half-inch on all other measurements. **Good Example: 17’ 11 1/2” - Bad Example: 17.5**
- Follow the “step-by-step” measuring instructions carefully, referring to all diagrams to ensure accurate measurements.
- Remember to include your name, pool location address, phone and fax numbers, and email address on each page that you send to Doughboy Vinyl Technologies. You must also sign off on an approval drawing before we can begin building the cover.
- Remember to record all of your measurements and place them in the proper lines/boxes on the proper form(s). You may need to transfer measurements you have made on the “MEASURING INSTRUCTIONS” pages onto the actual measuring form.
- Write your measurements legibly, using BLACK INK. (NO PENCIL OR FELT-TIP MARKER, PLEASE!) Make copies of all pages for your records before sending them to us. Scan and send documents as PDF, and send pictures as necessary. You will need to refer to your copies if we have questions regarding your measurements.
- When in doubt, give us a call at (731) 345-4500.

DISCOVER THE DOUGHBOY DIFFERENCE

MEASURING INSTRUCTIONS - STEP-BY-STEP POOLS WITH OR WITHOUT EXISTING ANCHORS

OVERVIEW AND EQUIPMENT LIST

Equipment needed includes

- 1) 100' Tape Measure
- 2) Pen
- 3) Paper/Branded AB Measuring Form
- 4) Chalk
- 5) Two 2' Stakes (Rebar)
- 6) Large Hammer
- 7) Duct or Masking Tape
- 8) Combination Square
- 9) Camera (phone, digital, or film)

STEP #1: ESTABLISH TWO POINTS FOR POINT A AND B

When preparing to measure for a liner using the AB Method (Point-to-Point), you should first determine the best placement of the “A-B” line. It is recommended that it be on either side of the pool **length** and **parallel** with the **centerline** of the pool. The “A-B” line must be **at least 4' away** from the pool and **2/3 the length** of the pool; 20'-25' is a typical distance. If you are unable to make measurements 4' away from the edge of the pool, it is required to make your A-B points farther apart. To mark “A-B” points on a deck, use chalk; if “A-B” points are in grass or dirt, use stakes hammered into the ground. **RECORD THE MEASUREMENT FROM POINT A TO POINT B ON THE MEASURING FORM.**

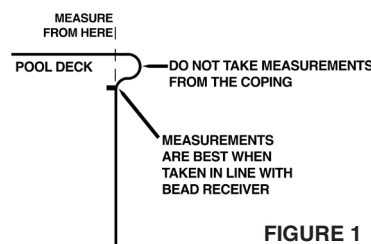
STEP #2: MARK POINTS AROUND THE WATER'S EDGE

Using chalk or tape, and moving clockwise, mark and number points around the pool perimeter in one-foot increments at the water's edge. Be sure to also mark and number points for slide bases, diving rocks, non-removeable hand rails or ladders, rock walls, or any other notable features needed to design the cover. Use a minimum of three points on radius corners or walls. If the deck cantilevers the pool wall, mark the deck appropriately to represent the pool wall. A combination square can aid in transferring marks to the coping.

STEP #3: RECORD MEASUREMENTS FROM POINT A

Now that all the points have been established, record measurements from Point A to #1, then Point A to #2, and continue clockwise around the pool. Be sure to **CIRCLE** points for notable obstruction points on the MEASURING FORM. Measurements should be accurate to a quarter-inch.

Correct measurements are made at the water's edge, which is typically in line with the bead receiver (where the liner snaps into the track). Do not measure at the edge of the coping (the edge of the pool deck). See Figure 1. For thermoplastic entry systems, measure to the water's edge.



STEP #4: RECORD MEASUREMENTS FROM POINT B

When all measurements from Point A are complete, continue to record measurements from Point B in the same method. Continue clockwise around the pool. Be sure to **CIRCLE** points for notable obstruction points on the MEASURING FORM. Measurements should be accurate to a quarter-inch.

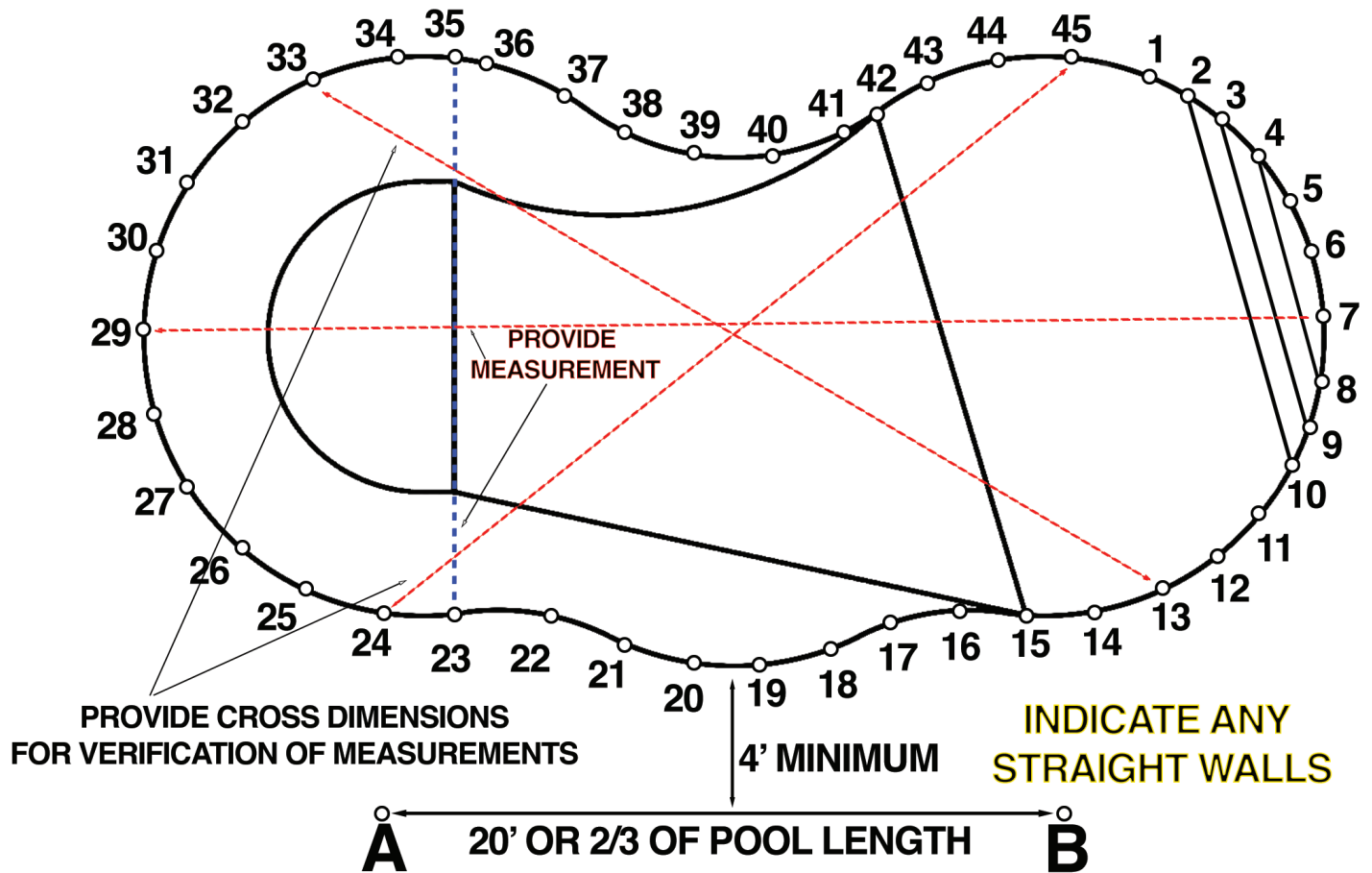
ADDITIONAL STEP #4B: MARK AND MEASURE ANCHOR POINTS

If this is a new cover installation, disregard this step, as anchors will be installed once the cover is received and staged correctly. If anchors were previously installed, complete a similar procedure by marking anchor points and completing an A-B measurement for each anchor.

RECORD MEASUREMENTS ON THE MEASURING FORM.

STEP #5: DRAW A SKETCH OF THE POOL

Create a freehand sketch of the pool. Include the pool orientation, “A-B” line location, and obstructions on the final drawing. Cross dimensions are highly recommended to check the accuracy of the result and aid the CAD department in verifying accuracy.



STEP #6: INDICATE COLOR, MATERIAL, AND GRID SIZE

Indicate what color and material the end user prefers on the measuring form. If this is a new cover installation, indicate if you would like 5' x 5' grid spacing (1250 sq ft and lower) or 3' x 3' (freeforms and shapes that require tighter spacing.) If anchors were previously installed, indicate which grid size conforms the most to the spacing of the anchors.

STEP #7: TAKE PICTURES OF THE POOL

Photos are often very helpful in identifying features designers can't see in person. They are REQUIRED for potential obstructions. Send these pictures in with your order.

RECORD MEASUREMENTS ON THE MEASURING FORM.



MEASURING FORM

POOL COVER A-B PLOT

COMPANY NAME: _____

EMAIL: _____ PHONE: _____

CUSTOMER/JOB NAME: _____

POOL LOCATION ADDRESS: _____

COLOR: _____ MATERIAL TYPE: _____ GRID SIZE: _____

A - B DISTANCE FT IN (STEP #1)

Point	Distance to A		Distance to B		Point	Distance to A		Distance to B		Point	Distance to A		Distance to B	
	ft	in	ft	in		ft	in	ft	in		ft	in	ft	in
1					26					51				
2					27					52				
3					28					53				
4					29					54				
5					30					55				
6					31					56				
7					32					57				
8					33					58				
9					34					59				
10					35					60				
11					36					61				
12					37					62				
13					38					63				
14					39					64				
15					40					65				
16					41					66				
17					42					67				
18					43					68				
19					44					69				
20					45					70				
21					46					71				
22					47					72				
23					48					73				
24					49					74				
25					50					75				

Overall Pool Dimensions	
A) Full Width	
B) Full Length	

Pool Perimeter



MEASURING FORM POOL COVER A-B PLOT

COMPANY NAME: _____

EMAIL: _____ PHONE: _____

CUSTOMER/JOB NAME: _____

POOL LOCATION ADDRESS: _____

COLOR: _____ MATERIAL TYPE: _____ GRID SIZE: _____

A - B DISTANCE FT IN (STEP #1)

Point	Distance to A		Distance to B		Point	Distance to A		Distance to B	
	ft	in	ft	in		ft	in	ft	in
76					101				
77					102				
78					103				
79					104				
80					105				
81					106				
82					107				
83					108				
84					109				
85					110				
86					111				
87					112				
88					113				
89					114				
90					115				
91					116				
92					117				
93					118				
94					119				
95					120				
96					121				
97					122				
98					123				
99					124				
100					125				

CROSS DIMENSIONS

PT		TO	PT	
DISTANCE				
PT		TO	PT	
DISTANCE				
PT		TO	PT	
DISTANCE				

CORNER TYPE (when applicable)
☐ Square (90°)
☐ Cut Size: _____
☐ Radius Size: _____

If additional points are necessary, please see doughboyvinyl.com for more sheets.

MEASURER NAME: _____

CONTACT PHONE: _____



MEASURING FORM POOL COVER A-B PLOT

COMPANY NAME: _____

EMAIL: _____ PHONE: _____

CUSTOMER/JOB NAME: _____

POOL LOCATION ADDRESS: _____

COLOR: _____ MATERIAL TYPE: _____ GRID SIZE: _____

Illustrate the pool layout and AB line using the graph below. Be sure to include cross dimensions, obstructions, etc. below.

