Measurements must be Inground Pool finished size of cover Distance Code from Point B L - R Distance **Cover Order Form** from Point A ____ 1 _ Liners & Covers 2 _____ 2 __ Please read the conditions marked with a *\pm and fill out all details and tick boxes where applicable ____ 3 _ QUOTE No: PRICE \$ DATE Required: _____ 4 ___ Your Name: PH: _____ 5 _ Your Client: Order No: Order No: _____ 6 _____ _ _____ 7 _ 8 ______ 8 _ T/port Co: ____ 9 _ ★ Cover Material Type 10_____ 10___ Pooltex™ Mesh Green □ Blue 🔲 _____ 11_ _____ 12__ 13_____ 13___ 14_____ 14___ _____ 15_ 16_____ 16_ 17_____ 17___ 18_____ 18_ 19_____ 19_ 20_____ 20_ _____ 21 _____ 22 _____ 23 24_____ 24_ _____ 25_ 26______26 27_____ 27_ 28_____ 28_ ! Check Points Across Pool! 29______ 29_ Distance from Point _ to Point _____ 30 31_____ 31____ Point ____ to ___ = ____ 32_____ 32__ 33 Point ____ to ___ = ____ 34 34 35_____ 35_ Point to = 36 _____ 36_ Point to _____ 37_ Refer to instructions overleaf for measuring details... 38_____ 38_ ____ 39_ 40_____ 40_ _____ 41_ _____ 42 __ 43_ 44_____4 _____ 45 46 47_____ 47_ ____ 48

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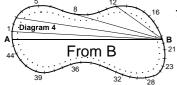
A to B Measurement: mm Pool Length: mm Last Point Before B: Pool Width: mm Perimeter: mn or 🔲 P/up Pool Coping Width: mm Ultra (Solid) 🔲 NUMBERS ARE TAKEN AS CLOCKWISE FROM A Please sketch pool, coping and any obstructions Measurements must be finished size of cover Is it recommended that the finished cover size have about 150mm overlap from the waters edge, less if objects protrude. The rope fittings that attach the cover need a drill hole in the coping minimum 150mm (max. 450mm) from cover edge. Cable points Point ____ to point___ Point __ to point __ Point ____ to point __ Point ____ to point __ Point ___ to point_ Point to point **ADDITIONAL INFORMATION** All Inground Covers are custom made and hence are non-returnable. Unless a quote number is listed, the cover will be classed as a custom shape and priced accordingly. This form is to order covers to suit a flat level coping. For covers with raised sections or Spas, additional informationmust be provided to manufacture the cover. Thanks ... Please supply one pool cover as per these specifications and conditions: sign here Signed Date All correspondence to: PO Box 2036, Crestmead, Queensland 4132 Head Office: 56 Magnesium Drive, Crestmead, QLD 4132 Telephone (07) 3803 6000 Fax (07) 3803 6420

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Home Page: www.abgal.com.au or Email: covers@abgal.com.au ABGALPTYLTD ACN010151578 ABN78033608597

- 10 - 08 - 04/07 G:\corel5U\torms\markout_Pooltex_Order_torm_200 / .cd Instructions for Pooltex Markout

Please supply a sketch of the pool on the ABGAL markout sheet with the position of "A" and "B" clearly marked as well as some of the numbered points and their relative positions around the pool. Next we need the pool length andwidth listed on themarkout sheet. Rub patch m/out or Pool m/out continued A - B length _to Pt. 1. The markout for the cover is done to THE FINISHED SIZE so the first step is to decide how wide the overlap of the cover needs to be. The adjustable fittings need a minimum distance of 150mm from the edge of the cover to the drilled anchoring hole, up to a maximum of 400mm from the edge of the cover to the drilled hole. With this in mind, decide the overlap of the cover (this is normally between 150mm & 200mm), but making sure there is at least 150mm and no more than 400mm between the edge of the cover and where the drilled anchor holes will be. Write point numbers in boxes From A From B 2. Envisage a line running through the centre of the pool and mark each end of this line with chalk. Then measure back the cover overlap you have decided is suitable and create 2 points on the coping. Name the point at the shallow end of the pool A and the other point B. See Diagram 1. 3. Measure the distance between "A" and "B". List this measurement on your markout sheet. If pool is being measured by one person, use a weight to hold one end of the tape measure, but constantly check it has not moved as you go. Finished size of cover desired All measurements are taken at the finished size of the cover. Do not measure around corners, as this will distort the actual shape of the pool, causing the Cover not to fit. Instead, measure in a taut, straight line between the two points – even if the tape has to cross the coping to reach a point that is not in a direct line of sight from "A" or "B". Diagram 1 N.B. Always measure horizontally and ensure the tape is held taut when measuring between any points (unless otherwise told). Moving in a CLOCKWISE direction around the pool from "A", mark the pool coping with chalk marks at the finished size for each point to be measured. The points are spaced according to the shape of the particular section of the pool being measured. See Diagram 2. Alternatively, you can mark, measure and record as you go around the pool-whichever is easiest for you Below is a small chart indicating the distance between points for certain radius curves on the pool. The points around the pool should be numbered consecutively from "A" starting with No. 1. In a square corner there should be a point 100mm before the corner, a point right on the corner and a point 100mm after the corner. Diagram 2 5. It is a good idea to number all the points you have marked around the pool. Starting from "A" and going in a clockwise direction, number every point. Holding the zero end of the tape on "A", measure to point No. 1 and record the distance on your markout sheet. Still holding the tape on "A", measure now to point "2" and record that distance. (see Diagram 3) Continue in a clockwise direction from "A" and record all the distances to every numbered point from "A". After the last point has been measured, transfer the zero end of the tape to point "B". Wall Radius Distance apart in Millimetres for points (mm) Straight 1500 50 - 150 50 150 - 300 100 300 - 1000 300 Diagram 3 1000 - 1800 600 From A 1900 - 2500 700 2600 - 6000 800 6. Using the same numbered points, now measure from "B" to the original point No. "1" and then from "B" to point "2" and continue in a clockwise direction until you have measured the distance from "B" to all the points in the pool. You should now have 2 times as many measurements as points around the pool, one lotmeasured from "A" and the other lot measured from "B". See Diagram 4 7. The next step is to take about 4 measurements across the width of the pool, (approximately 1m - 2m apart). These are from one markout point to another, across the width of the pool. Eg. Point "5" to point "39", then point "8" to point "36" etc. as shown in Diagram 5. These are used to check that the markout is the correct width when it is processed by computer. Diagram 4



Special Considerations ...

You are providing measurements for the finished size of the cover which sits on the pool's coping. If the pool has any obstructions around it's coping (eg; rocks etc ... around the perimeter) we need to know where they are, relative to the numbered points. Make a note on the ABGALMarkout Sheet in the "Check Points" section of where these obstructions lie. Eg; Point 12 to Point 14 = 950mm (Rocks). Also, include their location in your sketch of the pool and coping. Remember ... all measurements are to be taken at the finished size of the cover, so you decide where the overlap changes to fit the cover around rocks or protrusions. Where obstructions are overhanging the pool (ie; rocks), measure to the edge of the obstruction instead of the coping. It sometimes helps to send us a photo of obstructions or complex shaped areas of the pool too. A digital photo is preferable, which you can email to us@abaal.com.au. us@abgal.com.au.

Usually it not possible to install fittings where there are obstructions. You can install a single fitting at each end of the obstruction and leave the cover edge without fittings in between. Please check that the space between fittings at these obstructions is not greater than 2 metres. For larger distances, talk to our sales staff about using a cable to support the cover around large obstructions.

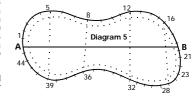


Diagram 6 Pool with spa at same level Pool points Step points continuing from the pool to the spa and back to the pool in a clockwise direction.

Diagram 7

Pool showing spa on different level

Separate spa markout using new A & B points

Pool points

Your ABGAL Pool Cover is attached using rope and PVC fittings. These need to be drilled into the pool coping not less than 150mm (6") from the edge of the cover. Make allowances by reducing the overlap in areas where the coping narrows.. We can make up specialised fittings which may be used in these areas if required...

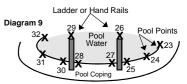
• When a pool has a spa to be covered by the ABGAL Cover, you'll probably need to complete 2 markouts. First, determine whether the spa cover is to be completely detached from the pool cover or whether it's to be part of it - like a "step-out". For a pool to have a "step-out" type cover for it's spa, the spa must be at the same level as the pool. In this case, only one markout is required as the measuring points continue around the spa then back to the pool. See Diagram 6.

For pools which have a detached spa on a different level, a separate markout must be done using the columns provided above. Give the spa it's own A & B points and measure it continuing with the numbering system you used for the poolmeasurements. See Diagram 7. Don't forget to include a sketch of the spa, it's points and location relative to the pool, on the ABGALMarkout Sheet.

Most spas have a narrow coping on the pool side and a larger one on the outside. Please ensure your measurements are accurate to allow enough room for the fittings. We canmake upspecialised fittings for use in these narrow coping sections, please let us know. See Diagram 8.

- For those pools which have a ladder or hand rails from the coping of the pool, we require some specificmeasurements to make your ABGAL Pool Cover to fit perfectly. (Include the location of the ladder in the pool sketch too!) We need measuring points from "A" (then "B") to: the outside edge of each rail; the centre of the rail at the point where it sits the furthest over the water; then the inside edge of the rail. That's three measurement per rail. Using a straight edge, hold it hard up against the outside edge of the first rail and draw a chalk line on the coping to reate a point formeasuring. Make your next point at the centre of the end of the rail where it protrudes out from the coping. Then, again using a straight edge, mark a chalk line on the coping at the inside edge of the first rail to create your next measuring point. Repeat this process for consecutive rails. See Diagram 9. Spa points starting from 1 in a clockwise direction
 - If the pool cover requires one or more cables. Measure the distance from A and distance from B to the cable termination points and mark in the cable section of the measurement sheet. The cables will be curved when attached to the cover where possible and are used for around raised Spas or to support the cover across sections where fittings cannot be used along a pedge.

Lastly, all of us at ABGAL thank you for taking the time to carefully and accurately measure the pool according to these instructions. Your time taken will be rewarded by anABGALPool Cover made exactly to these dimensions for a perfect fit. By the way, if you have any questions aboutmeasuring any pool, please call, we will be delighted to hear from you.



Plan View of Measuring Points at Hand Rails

