



Tender Specifications

YOUR EASY GUIDE CHECKLIST

Read Tender Specifications, on pages 16 and 17, carefully to ensure you are aware of all current requirements when choosing a commercial pool cover system.

Fill in the Elite Pool Covers Heating Assessment, on page 18, accurately so that Elite Pool Covers can provide you the most efficient and effective solution.

Fill in the Elite Pool Covers General Information sheet, on page 19.

Please fax or email your completed forms to Elite Pool Covers:
Fax: 08 9240 2261
Email: sales@poolcovers.com.au

TENDER SPECIFICATIONS

Bubble Blanket Fabric, (500 or 550 micron)

Bubble blankets need to be made from UV stabilised Polyethylene with a minimum thickness of 500 micron when measured between the bubbles.

The fabric must be PASCAA (Pool and Spa Cover Association Australia) tested and passed (pass results to be supplied with tender documents).

The fabric must have a R value of no less than 0.070 and be tested to AS 4859-1 (test results to be supplied with tender documents).

Fabrics must be manufactured to quality management standard AS-NZS-ISO.9002.

Thermal Blanket Fabric (4 or 5mm)

Thermal blankets need to be made from Deep Blue UV stabilised High Density Polyethylene Woven fabric, Flame laminated to the top and bottom of Airlon foam (or equivalent) with a minimum thickness of 4mm.

The fabric must be PASCAA (Pool and Spa Cover Association Australia) tested and passed. (Pass results to be supplied with tender documents).

The fabric must have a R value of no less than 0.088 for 4mm and .013 for 5mm Must be tested to AS 4859-1 (test results to be supplied with tender documents).

Fabrics must be manufactured to quality management standard AS-NZS-ISO.9002.

Blanket protective edges and ends

Indoor pools:

All blankets must be edge bound with UV Stabilised reinforced PVC no thinner than 600 GPMSM.

The edge binding must be twin stitched with UV stabilized thread no thinner than 12 gauge.

Blanket Ends to have a minimum of 5 layers of HHPE or PVC and be glued and sewn.

Leading and trailing ends must be fitted with 316 Stainless Steel eyelets to connect to roller and pull rope system.

Outdoor Pools:

All blankets must be fitted with a wind skirt system incorporating a UV Stabilised PVC welded mesh that houses a lead weighted rope no lighter than

25 grams per linear metre along both sides of the blanket. Note woven or knitted mesh will not be accepted .

The wind skirt overhang must be no less than 75mm.

The edge binding must be twin stitched with UV stabilized thread no thinner than 12 gauge.

Blanket Ends to have a minimum of 5 layers of HHPE or PVC and be glued and sewn.

Leading and trailing ends must be fitted with 316 Stainless Steel eyelets to connect to roller and pull rope system.

STORAGE ROLLER TENDER SPECIFICATIONS

Frames

The roller systems must be designed and engineered to hold the required length of selected pool cover fabric without excessive tube deflection over the life of the pool blankets.

Deflection no greater than 1/250 of the length of the tube with Blanket fitted.

Roller end frames must be made from solid 316 Stainless Steel with a minimum thickness of 10mm Finished frames to be electro polished to ASTM 380.

Frames to have self-lubricating replaceable bushes.

Roller frames must be fitted with protection to prevent the rollers from damaging the pool plinths, i.e. UHDPE or equivalent bumpers.

Axles

Roller axles must be made from 316 Stainless Steel with a minimum diameter of 38mm.

All axles must come with a 30mm square machined in 40 mm from the outer end to allow adaption for motorized drive.

Manual drive wheels must be a minimum of 750mm diameter for both 25 and 50 mt long pools, to enable ease of rotation.

TENDER SPECIFICATIONS CONTINUED

Roller Tube

Roller Tube diameter must be no less than 150mm OD with a wall thickness of minimum 3mm to store a 25mt x 6.5 mt maximum 165 square mt of pool blankets on a 150mm x 3mm aluminum tube.

Roller Tube diameter must be no less than 200mm OD with a wall thickness of minimum 3mm to store a 50mt x 6.5 mt maximum 325 square mt of pool blankets on a 200mm x 3mm aluminum tube.

Tube to be anodised to a minimum of 20 micron to AS 1231-1985

Wheels and Brakes

Mobile roller frames must be fitted with a minimum of 125mm diameter swivel wheels with at least 2 being brake type.

If pool rollers are to be used on pools without an up stand plinth i.e. wet deck pools a mechanical brake must be installed. Over centre or equivalent.

MOBILE MOTORIZED POWER PACK (BLANKET BUDDY®)

The Mobile Drive unit must be a fully mobile unit that can drive a roller from either end and have a self-contained winch system which is able to manually engage and disengage. Note Capstan type winch systems will not be allowed.

Pull system to be via 50mm non stretch webbing.

The unit needs to be powered by less than 30 volts DC.

The units frame needs to be constructed from 316 Stainless steel. Unit covers to be made from anodised aluminum.

The frame needs to be Electro polished to ASTM380.

The unit must be fitted with 125mm diameter non marking 360 degree brake casters on all corners.

The batteries to be 2 x Orbital deep cycle with a minimum of CCA 750 each.

Battery charging must be external to the machine to prevent damage to the charger from vibration and a minimum of 8 amps per hour with automatic overcharge cut-out.

The motor output speed must be adjustable from 0 rpm to maximum speed and the motor must be reversible.

The unit needs to be foot controlled to enable hands free operation. I.e. push the foot switch to operate and release to stop.

The output drive must be a square female drive not less than 30mm across the flats of the square.

WARRANTY

Elite Pool Cover Blankets

Elite Super Bubble 500micron 5 Year Month by month Pro-rated warranty*

Elite Super Bubble 550micron 6 Year Month by month Pro-rated warranty*

Elite Thermal Shield 4mm 5 Year Month by month Pro-rated warranty*

Elite Thermal Shield 5mm 6 Year Month by month Pro-rated warranty*

Elite Rollers, Power Pacs & Seat Systems

End frames (stainless Steel) 15 Years* Alloy 10 Years*

Wheels and brakes 2 Years *

Installation 2 years*

Roller to blanket connections 2 Years*

For motorised roller systems and power pacs all electrical components including batteries, carry the products manufactures warranty of 1 Year* All other components are as above.

*** For a detailed description of all Elite's warranties please contact us.**