

Poolshade™

Enjoy your pool without worrying about the sun.



Positioned on your pools deck or floating in the water.



Aerotube™ shades are permanent to use and resist 65+ mph winds.

For more information call toll free: 1 877 477 4787

Please go to www.aerotube.com for information on in ground and above ground Pool Enclosures.

Warranty for 3 years on structural part and 8 years on durability of shade cloth

AEROTUBE™ Pneumatic Structures

What makes AEROTUBE™ different from other inflatables?

Inflatable Products like inflated furniture, air mattresses etc. are mostly based on flexible material like Vinyl film. We can call all these products low-pressure inflatables. Looking at the pressure of just around 1 PSI no or little structural strength can be achieved. These products are just able to keep their shape and allow somebody to lay or sit on them.

There are also higher-pressure inflatable products like Yacht tenders; boats with inflated parts on them; but their pressure of 6-10 PSI is supported by heavy, fabric enforced, multi layered materials. The weight and the fact that this material has to be vulcanized or welded together to tubes and desired shapes, makes it very costly to produce.



The President of Aerotube Technology
Manfred Steibli standing on an air pressured
AEROTUBE.

AEROTUBE uses the newest technology in molecularly highly stabilized film. We have developed a multi layered tubular structure, which has outstanding features. The results in durability, buckling force and lightweight are very impressive. The weight of the 8-ft long tube in the picture above is around 1 lbs. The distance between the chairs is 5 ft. The bending under Manfred's own weight is absolutely minimal. Applying the force lengthwise, buckling would only occur by using more than 500 lbs.

The main features and advantages of AEROTUBE Structures

- ◆ New class of inflatable system with unlimited structural possibilities
- ◆ Operational pressure 6-8 PSI
 - Tested pressure for each tube 15 PSI
 - Burst pressure higher than 25 PSI
- ◆ Safety factor of over two gives the peace of mind in using Aerotube™
- ◆ No pressure loss over time
- ◆ Easy to handle (low weight) and to inflate with regular air compressor
- ◆ Indestructible under wind or over load

Introducing Poolshade™**The new way to get out of the sun****WHY DO WE USE KNITTED SHADECLOTH?****Because it is so much cooler underneath!!!**

Canvas like shade cloth blocks the heated air underneath and produces additional radiant heat from the hot surface of the shade cloth.

Knitted shade cloth allows air going through and produces much less radiant heat.

Test it by yourself.

But there are even more arguments:

We use ALNET shade cloth because other fabrics lose their resilience and begin to sag after a while. Our "Cooltone" fabric, a knitted, high density polyethylene, literally can't sag and will not stretch because the polyethylene has been vaporized to eliminate the "droop" factor through a process called "Stentering". A knitting method called "Raschell" is used to produce our fabric.

During this process, round threads are knitted together while looped and locked in a twill-like pattern that offers incredible strength. Flat polyethylene strips are then woven through the knit to form the actual shade cover, leaving enough space for warm air to rise straight through the fabric and away from the structure (acrylics, canvas, and other types of coverings actually increase heat by trapping hot air inside it).

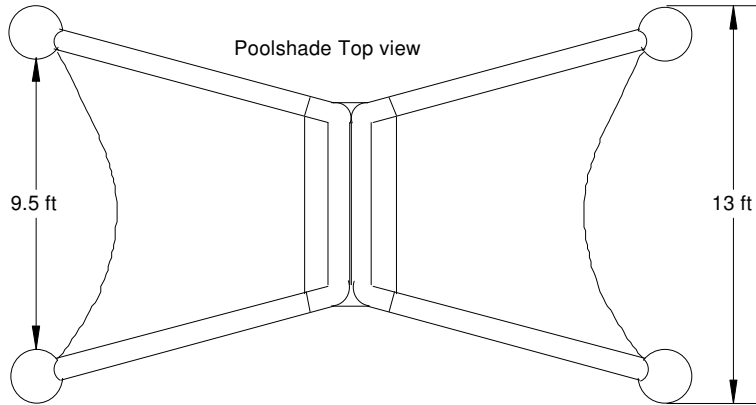
Our fabric, while made primarily for Sun/UV protection, is also hail and mold proof, highly resistant to chemicals, and not permanently affected by foreign substances (bird deliveries, paint, tree sap, etc.). It may be cleaned with a quick spray from your garden hose.

Fabric Color Choices	Shade factor	UPF	UV Block-out
Bottle green (tiel)	85 %	15	93.6 %
Sky blue	87 %	15	93.6 %
Crème	49 %	8	92.3 %

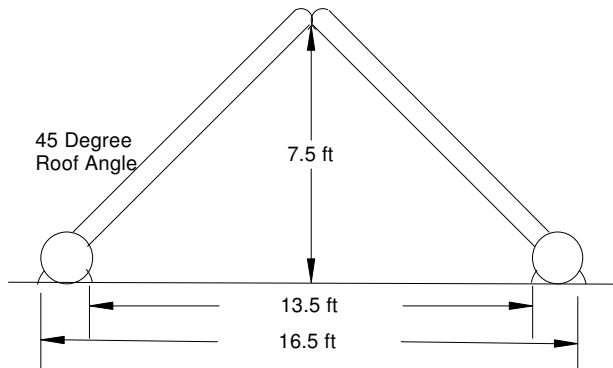
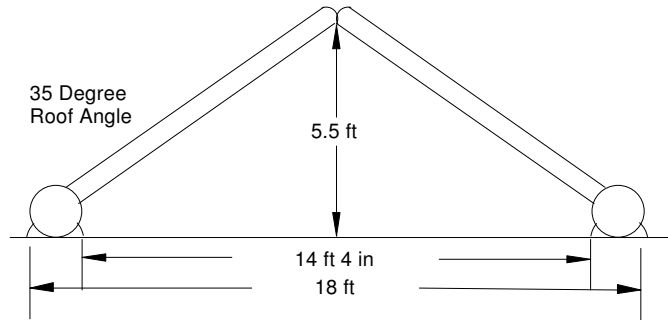
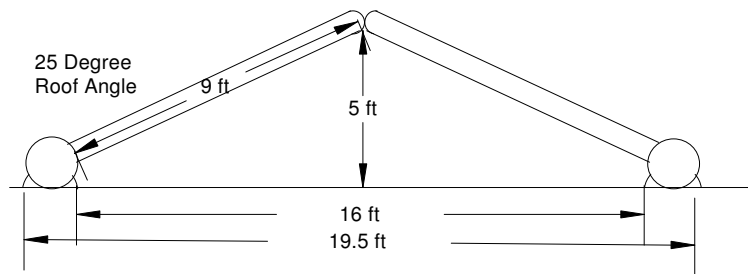
other colors on custom order possible

Poolshade™

Dimensions for Model 100

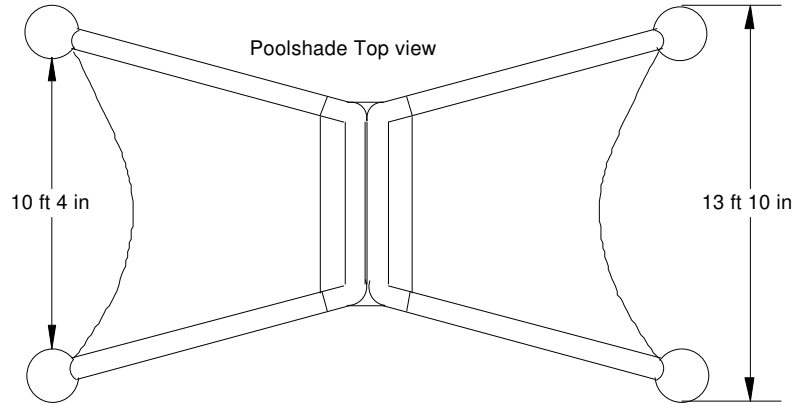


Poolshade Side views

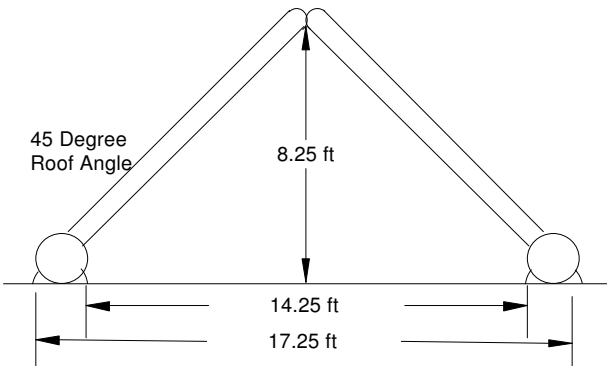
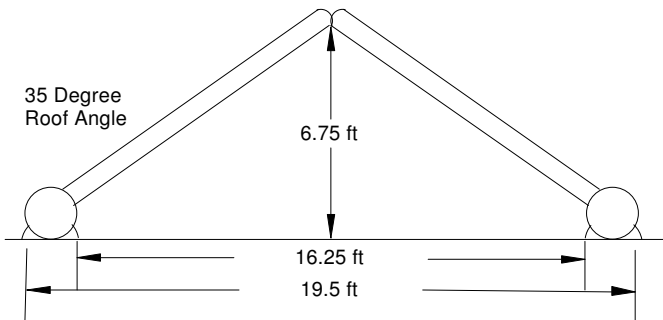
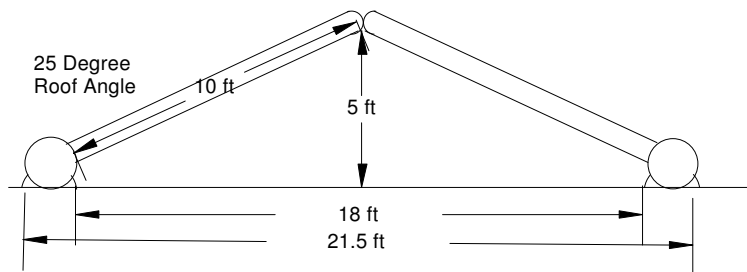


Poolshade™

Dimensions for Model 120



Poolshade Side views



Poolshade™
The new way to get out of the sun
Specifications:

Sizes:	From 12 X 18 feet to 14 X 21 feet on ground, 5-9 feet high Flexible positioning allows a variable span from around 15 to 21 feet. The height varies depending on the position of the stands.
Structure: 2 tubes each 35 feet long	Manufactured out of multi layered seamless stabilized flexible tubing with outer Protection layer. Each tube end contains pressure seal unit covered with brass ferule and 2 feet of PVC tubing with inflation valve at the end.
Pressure:	8 PSI operational pressure 15 PSI tested pressure at plant 25 PSI expected burst pressure
Shade cloth	ALNET "Cooltone" with 8 year warranty and >10 year live expectancy Blocks up to 96.7 % of UV rays Providing 88 % shade The darker the color the higher the UV block rate.
Spherical Stands	4 spherical stands, diameter 20 inch, made out of Polyethylene with opening for tube ends and opening with cover for water filling and pressurizing of the structure
Ring Elements	4 ring elements, diameter 18 inch, to secure the spheres on ground. The rings are molded out of heavy rubber like material.
Wind resistance	The structure withstands winds 65+ mph.

Description of Installation:

1. Unfold the shade cloth with the deflated tubing already in place on the desired site.
2. Inflate the tubing to round shape but not to be too stiff.
3. Put the 4 tube ends into the 4 spherical stands.
4. Pressurize the structure up to 6-8 PSI. (Use the pressure gage included)
5. Lift up the structure in the middle. The spheres will move together and are still easy to move not having water inside. Put the rubber ring elements underneath the spheres.
6. Fill the spheres with water and enjoy your new shaded environment.