

Aerotube™ Pneumatic Decon Shelter Systems

Specifications:

Length	15'
Width	12'
Height	8'
Storage	46" X 24" X 20"
Weight	95 lbs
Pressure	3-6 PSI
Setup time	under 5 minutes
6 inch high Integrated berm	
Optional secondary berm	
4 zippered entry openings	
Several round openings for water, heat, etc.	
Dividing curtains	

Materials:

Double stitched high strength
Polyurethane coated Polyester
fabric, 18 Oz Vinyl for berm



Aerotube™ based shelter systems are a unique new design to provide multifunctional shelter space. 5 independent Aerotube™ elements connected through the inflation manifold are used to make this patent pending design more rigid and therefore more wind resistant than other products on the market. Two tubes running at each corner and pushing against each other are the keys to a shelter concept that has no need of guy wires even under gusty wind conditions.

After a quick one step inflation (under 5 minutes), each of the 5 Aerotube™ elements will be separated using the ball valves at the manifold. There is an important safety feature during operation: In case of damage to one or two of the five tubes the unit will be most likely still operational.

The 15 feet long version has dividing curtains for a 2-line treatment, wide enough for non ambulatory treatment and also up to four divided segments for succeeding steps of a Level "A" gross decontamination.

Standard colors are black for berm and roofline and gold brown for walls, dividing curtains and roof. Other colors available on demand.

Aerotube™s new design with several major advantages:

- ◆ Highest wind load capacity without the use of Guy wires
- ◆ Partially damage of structural frame will not limit or end use of shelter. Each Aerotube™ element will maintain independent pressure and function.
- ◆ Less weight compared to rubberized/neoprene based shelters. Aerotube™ Shelter 12 ft X 15 ft weighs only 95 lbs.
- ◆ Setup time from transportation bag to use in less than 5 minutes.